

The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated

Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Energy Management Systems (EMS), which are a computerized system, part of or integrated with the Building Automation System which controls portions of the Integrated Microprocessor-Controlled HVAC Equipment.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Installed], Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these
4. Integrated BAS/EMS/Integrate

Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, etc.) to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated
platforms/systems. 5. Testing . /s/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenance of Integrated Microprocessor-Based HVAC Equipment;

Cleans, tests, and balances the Integrated Microprocessor-Controlled HVAC Equipment in accordance with Code Requirements.
The scope of this contract does not include:
Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs
its, dishwashers, and water heaters hot water tanks, garbage disposal

3. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not:
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management S,

hese contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video ken systems, television, cable, T-Line, general broadband, etc.)

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' location in the event of a fire or emergency


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Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integrated with the BuildingAutomation Systems or Energy Mer
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The scope of this contract does not include:
howers, water fountains, water heaters hot water tanks
showers, water fountains, water heaters hot water tanks, garbage disposal units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed
Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
Factory Installed/Factory-Provided micro-processor--controlled included/controlled)/O modules, etc. which are not
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

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A. General Purpose IT, Telecommunications, Networking Cabling, Fiber Optics (e.g. phone, pbx, digital centrex, digital key systems, television, cable, T-Line, general broadband,
B. Audio-Video equipment or systems (e.g. smart boards, proiectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc.).

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B. To identify an individual(s)' 10 ocation in the event of a fire or emergency.

| odel Number |  | Trane |  | oduct Code | $\begin{gathered} \text { "Warranty Period - \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \end{gathered}$ |  |  | \% Discoumt | NVS Nel Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |
| BAS Summit | PC131 (Trane) |  | Summit Add For Builiding Management Kg | 40201153 | 1 | s | 1,426.00 | 50.00\% | ${ }^{5713.00}$ |
| BAS Summit | PC131 (Trane) |  | Trane | Sumnit P CSW and Eneeprise Management | 40201154 | 1 | s | 11,542.00 | 50.00\% | s5,771.00 |
| BAS Summit | PC131 (Trane) | Trane | Summit Eneprisis Mangement Add-On | 42021155 | 1 | $s$ | 5.617.00 | 50.00\% | \$2,800.50 |
| BAS Summit | PC131 (Trane) | Trane | Summit current Version Sotware | $4020 \cdot 1111$ | 1 | s | 5.926.00 | 50.00\% | \$2,963.00 |
| BAS Summit | PC131 (Trane) | Trane | Sumnit htemal Upg or Cust Demo CD. - Summit Ver 17 | $4020 \cdot 1112$ | 1 | s | 119.00 | 50.00\% | \$59.50 |
| BAS Summit | PC131 (Trane) | Trane | Sumnit Cusiomer Upgr Pkg currentiv V10.V16: 6 O V 17 | 4020-1113 | 1 | s | 1.577.00 | 50.00\% | 5788.5 |
| BAS Summit | PC643 (Trane) | Trane | Traeer ES License-Unlinited | X4025010401 | 1 | s | 87,185.00 | 50.00\% | \$43,592.50 |
| BAS Summit | PC643 (Trane) | Trane | Tracer ES Full with License | X02250126010 | 1 | s | 5.813.00 | 50.00\% | S2,900.50 |
| BAS Summit | PC643 (Trane) | Trane | Tracer ES Add License | X0250125010 | 1 | s | 1.454 .00 | 50.00\% | \$727.00 |
| BAS Summit | PC643 (Trane) | Trane | Traeer ES Expeess Tower Severer w/1 liconse | X0025010701 | 1 | s | 7,835.00 | 50.00\% | \$3,917.50 |
| BAS Summit | PC643 (Trane) | Trane | Tracer ES Express Windows w/ LLicense | $\times 40250141001$ | 1 | $\stackrel{ }{ }$ | 7,26600 | 50.00\% | \$8,633.00 |
| BAS Summit | PC643 (Trane) | Trane | Tracer ES Express to fulu Upgrade | X02250138010 | 1 | s | 1.400.00 | 50.00\% | \$700.00 |
| BAS Summit | PC643 (Trane) | Trane | Tracer ES Sotware Mainenance Plan (SMP) Y Year | X0250129010 | 1 | s | 2,180.00 | 50.00\% | \$1,090.00 |
| BAS Summit | PC643 (Trane) | Trane | Tracer ES Sotware Mantenance Plan (SMP) 2 Years | X02050129020 | 1 | s | 3,488.00 | 50.00\% | S1,744.0.0 |
| BAS Summit | PC643 (Trane) | Trane | Tracer ES Sotware Mantenance Plan (SMP) 3 Years | X02020129030 | 1 | s | 3,924,00 | 50.00\% | \$1,962.00 |
| BAS Summit | PC643 (Trane) | Trane | Traeer ES Unlimited SMP 1 Year | X0250130010 | 1 | s | 21,797.00 | 50.00\% | \$10,898.50 |
| BAS Summit | PC643 (Trane) | Trane | Tracer ES Renewal tor Expired SMP Plan | X0250131010 | 1 | s | 727.00 | 50.00\% | ${ }^{563650}$ |
| BAS Summit | PC949 (Trane | Trane | Tracer $X$ S Sotht Kt. 700 V Vopls 200 historian lags | X45091652010 | 1 | s | 51,56,00 | 50.00\% | \$22,778.00 |
| BAS Summit | PC949 (Trane | Trane | Traeer $X$ T Soft Kit , , ,500 VO pls 3000 historian tag | x45091562220 | 1 | s | 83,349.00 | 50.00\% | 541,674.50 |
| BAS Summit | PC949 (Trane | Trane | Traeer XT Sott Kit 35.000 Vo pls 600 histor tag | $\times 45991562030$ | 1 | s | 106,066.00 | 50.00\% | \$55,033.00 |
| BAS TCM | PC182 (Trane) | Trane | Controler TCM X Xormer/Reay Encl | 45950.0341 | 1 | s | 445.00 | 50.00\% | \$22.50 |
| BAS TCM | PC182 (Trane) | Trane | Controlere TCM Large RT ineface | 4590.0345 | 1 | s | 739.00 | 50.00\% | \$369.50 |
| BAS TCM | PC182 (Trane) | Trane | Controlere TCM: Std Amb Resin Encl | 45950.0372 | 1 | s | 835.00 | 50.00\% | \$417.50 |
| BAS TCM | PC182 (Trane) | Trane | Controler TCM: Ex. Amb NEMA 1 | 4950.0373 | 1 | s | 959.00 | 50.00\% | \$479.50 |
| BAS TCM | PC182 (Trane) | Trane | Controleer TCM: Weatherproof Opition | 4590.0374 | 1 | s | 1,200.00 | 50.00\% | S600.00 |
| BAS Tools | PC104 (Trane) | Trane | Sotware Upgrade Packege (s/w) | 40201199 | 1 | s | 540.00 | 50.00\% | \$270.00 |
| BAS Tools | PC104 (Trane) | Trane | LonTak Hardware Kit | $\times 1365149701$ | 1 | s | 2.56200 | 50.00\% | ${ }_{\text {s, } 1,281.00}$ |
| BAS Toos | PC104 (Trane) | Trane | Comm 4 Hardwae Kt | $\times 1365149801$ | 1 | s | 1.078 .00 | 50.00\% | \$539.00 |
| BAS Tools | PC104 (Trane) | Trane | LonTak Sotware \& Hardware | $\times 1365149901$ | 1 | $s$ | 2,693.00 | 50.00\% | st,346.50 |
| BAS Tools | PC104 (Trane) | Trane | Lootak 2 Comm4 Software and Harcware | $\times 1365150001$ | 1 | s | 3,950.00 | 50.00\% | \$1,975.00 |
| BAS Tools | PC104 (Trane) | Trane | Comm4 Software and Harcware | $\times 1365150101$ | 1 | s | 1,796.00 | 50.00\% | \$898.00 |
| BAS Tools | PC104 (Trane) | Trane | LonTak Configuraion Only Sotware and Harciware | $\times 136515020$ | 1 | s | 2,154.00 | 50.00\% | \$1,077.00 |
| BAS Tools | PC104 (Trane) | Trane | Air and Water Balancing Only | $\times 1365150301$ | 1 | s | 2.516.00 | 50.00\% | S1,258.00 |
| BAS Tools | PC104 (Trane) | Trane | kt - Traeer TU for Chilers | X4509148201 | 1 | s | 3,30400 | 50.00\% | \$1,65.00 |
| BAS Tools | PC104 (Trane) | Trane | kt - - Tracer TU for Controls | $\times 4509151201$ | 1 | s | 3,304,00 | 50.00\% | \$1,65.00 |
| BAS Tools | PC104 (Trane) | Trane | Kt-Tracer TU Complete | $\times 450951301$ | 1 | s | 4.980,00 | 50.00\% | S2,490.00 |
| BAS Tools | PC104 (Trane) | Trane | Tracer TU Baancing Tool | X4509153601 | 1 | s | 56.00 | 50.00\% | 5280.50 |
| BAS Tools | PC104 (Trane) | Trane | Tracer TU Adapter WiredWiresss | x136651529010 | 1 | s | 510.00 | 50.00\% | \$255.00 |
| BAS Toos | PC104 (Trane) | Trane | Tracer TU tor chiless 1 year | X45096688001 | 1 | s | 2,794.00 | 50.00\% | s,1,397.00 |
| BAS Toos | PC104 (Trane) | Trane | Tracer TU Contros 1 year | X4509688900 | 1 | s | 2,794.00 | 50.00\% | \$1,397,00 |
| BAS Tools | PC104 (Trane) | Trane | Tracer TU Complee 1 Year | $\times 45996990001$ | 1 | s | 4.470.00 | 50.00\% | \$2,235.00 |
| BAS Tools | PC182 (Trane) | Trane | Sevice Tool 90225 Pin Adapier | $35991-470$ | 1 | s | 106.00 | 50.00\% | ${ }_{553.00}$ |
| BAS Tracer Concierge Pcos56 (Trane) |  | Trane | Concieige V VEAA Mount tor Display | x05010511010 | 1 | $s$ | 67.00 | 50.00\% | 533.50 |
| BAS Tracer Conidiege PC1246(Trane) |  | Trane | Conciege BA B net htherace for Relialel | Barbciroot | 1 | s | 612.00 | 50.00\% | \$306.00 |
| BAS Tracer Con | erge PC1246(Trane) | Trane | Concieige Tracer 10" ${ }^{\text {Display }}$ | $\times 13760351001$ | 1 | s | 1.673 .00 | 50.00\% | 5836.50 |
| BAS Tracer Concoierge PC. 2426 (Trane) |  | Trane | Concieige Preconifiured Router for Display | x136561632010 | 1 | s | 60.00 | 50.00\% | \$300.50 |
| BAS Trace Concieige PC1246(Tran) |  | Trane | Concierge Traeer Concierge Unprogrammed Panel | вмTCOOOAOA | 1 | s | 5.23.00 | 50.00\% | \$2,699.00 |
| BAS Tracer Conoierge PC.127 (Tran) |  | Trane | Concieige WCI- -ndoor | $\times 13799901020$ | 1 | s | 42.00 | 50.00\% | 5212.50 |
|  |  | Trane | Concierge Wiriess Temperatur Sensor No Doisplay | x13790821010 | 1 | s | 18200 | 50.00\% | S99,00 |
|  |  | Trane | Tracker PC Sotware 10 | 40201185 | 1 | $\stackrel{5}{5}$ | 445.00 | 50.00\% | \$222.50 |
| BAS Tracker | PC179 (Trane) | Trane | Tracker 12 LAN Upgrade | 40201238 | 1 | s | 1.803.00 | 50.00\% | 5901.50 |
| BAS Tracker PC179 (Trane) |  | Trane | Tracker 24LAN Upgrade | 40201239 | 1 | s | 2.842,00 | 50.00\% | s1,421.00 |
| BAS Tracker PC179 (Tane) <br> SAS Tracker  <br> PC179 (Trae)  |  | Trane | Tracker 12 w /modem | вмткоооаАв0110 | 1 | s | 3,375.00 | 50.00\% | s1,687.50 |
|  |  | Trane | Tracker $24 \mathrm{w} /$ modem | вмTKо000ABO210 | 1 | s | 5.264,00 | 50.00\% | S2,632.00 |
| BAS Tracker PC179 (Trane) |  | Trane | Tracker 12 w / Etement 8 modem | BMTK000ABBO110 | 1 | $s$ | 4,326.00 | 50.00\% | \$2,163.00 |
| BAS Tracker PC179 (Trane) |  | Trane | Tracker $24 \mathrm{w} /$ Eliement 8 modem | вмткоооавво210 | 1 | s | $6,215.00$ | 50.00\% | \$3,107.50 |
| BAS Tracker PCA182 (Trane) |  | Trane | Trackero ocCP P.12 20 R N 12 Cable | 3591.4280 | 1 | s | 55.00 | 50.00\% | 527.50 |
| BAS Tracker PC182 (Tran) |  | Trane | Tracker or CCP 9 Pin Female to RU12 | ${ }^{3591-4262}$ | 1 | s | 55.00 | 50.00\% | \$27.50 |
| ${ }_{\text {BAS }}^{\text {BAS Trackerer }}$ |  | Trane | Tracker or CCP 25 Pin Female to R J12 | ${ }^{3591.4263}$ | 1 | $s$ | 55.00 | 50.00\% | 527.50 |
|  |  | Trane | Tracker 25 Pin Male Adapier for CRT | 3591-4264 | 1 | s | 55.00 | 50.00\% | S27.5 |
|  |  | Trane | Tracker 25 Pin Male to RJ12 | 3591-4269 | 1 | s | 55.00 | 50.00\% | 527.50 |
| BAS UC 210 PCO1251 (Trane) |  | Trane | Controler Opioiona Meal Encolosur, UC210 | 501897940100 | 1 | s | 45.00 | 50.00\% | \$22.50 |
| BAS UC $210 \quad$ PC898( (Tane) |  | Trane | Controler UC210 V AV W T Trane Actuator | BMUC210AAAOTOOOO11 | 1 | $s$ | 528.00 | 50.00\% | \$264.00 |
| BAS UCC 210 PCC988 (Tane) |  | Trane | Controler UC210 VAV W Belimo Actuator | BMUC210AAAB800011 | 1 | s | 585.00 | 50.00\% | \$292.50 |
| BAS UC $210 \quad$ PC898 (Trane) |  | Trane | Controler UC210 Vav w / Out Actuator | BMUC210AAA0000011 | 1 | s | 485.00 | 50.00\% | \$242.50 |
| BAS UC $210 \quad$ PC898 (Trane) |  | Trane | Controler Preprogarammed UC210 tor Bypass Control | BMUC210ACAOTOOOO11 | 1 | $\stackrel{ }{5}$ | 528.00 | 50.00\% | \$264.00 |
| BAS UC 400 PC1010 (Trane) |  | Trane | Controler UC400 no powertho encho displuvivice | BMUC400AAA0000011 | 1 | s | 585.00 | 50.00\% | \$292.50 |
| BAS UC 400 PCC1010 (Trane) |  | Trane | Controler UC400 USA no opion powererencdisiULT916 | BMUCAOOUAAAOOOOO | 1 | s | 73.00 | 50.00\% | \$365.50 |
| BAS UC $400 \quad$ PC1010 (Trane) |  | Trane | Controler UC400 w/ W RU or or P Programming | BMUC400ABAOOOOOO1 | 1 | s | 585.00 | 50.00\% | \$292.50 |
| BAS UC 400 PC10010 (Trane) |  | Trane | Controler UC400 BACCnet Tem (2 Pack) | $\times 1356152001$ | 1 | s | 88.00 | 50.00\% |  |
| BAS UC 400 PC1010 (Trane) |  | Trane | Controler UC400 PMO14 24 VVAC to 1.4A 24 VDC | $\times 1365153801$ | 1 | s | 27.00 | 50.00\% | \$138.00 |
| BAS UC 400 PCC1010 (Trane) |  | Trane | Controler UC400 Sealed Enemet Cable | x10070632020 | 1 | s | 143.00 | 50.00\% | S71.50 |
| BAS UC 400 PCC1010 (Trane) |  | Trane | Controler UC400 VAV Kit wencla Beimo | 50189454010 | 1 | s | 770.00 | 50.00\% | \$355.00 |
| BAS UC 400 PC.1010 (Trane) |  | Trane | Controler U C4000 Vav Kit wencl 8 Trane | 50189455010 | 1 | s | 713.00 | 50.00\% | \$356.50 |
| BAS UC 400 PCC1010 (Trane) |  | Trane | Controlere UC400 V AV Kit wenc, No Act | 50189456010 | 1 | s | 670.00 | 50.00\% | \$335.00 |
|  |  | Trane | Controlere UC400 V VAV Kitw wPale, Baimo | 50189474010 | 1 | s | 648.00 | 50.00\% | S324.00 |
|  |  | Trane | Controler U C4000 Vav Kit wPala, No Act | 50189476010 | 1 | s | 627.00 | 50.00\% | 5313.50 |
| BAS UC 400 PC1250 (Trane) |  | Trane | Controler UC400 X X 30 VO Module (4 U1AO) | x13655153700 | 1 | s | 407.00 | 50.00\% | \$203.50 |
| BAS UC 400 PC1250 (Tane) |  | Trane | Contriler UC440 XM77 (8U, 6UUAA, 4R, 1P) | x13651568010 | 1 | s | 1,018.00 | 50.00\% | \$509.00 |
| BAS UC 400 PC1250 (Tane) |  | Trane | Controler UC4000 Xn32 Modul (4 Reala) | x13651563010 | 1 | $s$ | 407.00 | 50.00\% | \$203.50 |
| BAS UC 400 PCC125 (Trane) |  | Trane | Controler UC400 $24^{\text {" IIN Rail }}$ ncolosure 230 V | x13651554010 | 1 | s | 1,322.00 | 50.00\% | \$661.00 |
| BAS UC 400 PC1255 (Trane) |  | Trane | Controler UC400 $13^{\text {a }}$ IIN Rail Encossure 120 V | x13651559010 | 1 | s | 449.00 | 50.00\% | S22.50 |
| BAS UC 400 PC1251 (Tane) |  | Trane | Controler UC400 $13^{\text {a }}$ IIN Rail Encossure 230 V | x13651560010 | 1 | $s$ | 449.00 | 50.00\% | \$224.50 |
| BAS UC $400 \quad$ PC.125 (Trane) |  | Trane | Controler UC4000 $10^{\text {" DI }}$ N Rail Encossure | x10991354010 | 1 | s | 195.00 | 50.00\% | $\stackrel{597.50}{ }$ |
| BAS UC 400 PC1255 (Trane) |  | Trane | Controler UC4000 $24^{\text {" Encl S Soid Door (UUKL) 120VAC }}$ | x13651596010 | 1 | s | 1,548.00 | 50.00\% | \$774.00 |
| BAS UC $600 \quad$ PC12050 (Tane) |  | Trane | Controler UC600 X M 30 VO Module ( 4 UVAO) | x13655637010 | 1 | $s$ | 407.00 | 50.00\% | \$203.50 |
| BAS UC 600 PC1250 (Trane) |  | Trane | Controler UC600 XM70 MADE IN US 8UU,GUUAO,AR,1P | x13651597010 | 1 | $\stackrel{5}{5}$ | $1,274.00$ | 50.00\% | S677.00 |
| BAS UC 600 PC1250 (Tane) |  | Trane | Controler UC660 XMT7 (8U1,6UUAO,4R,1P) | x13651568010 | 1 | s | 998.00 | 50.00\% | \$499.00 |
| BAS UC 600 PC1250( (Tane) |  | Trane | Controler UC600 Xn32 Modue (4 Reala) | x13651563010 | 1 | s | 407.00 | 50.00\% | \$203.50 |
| BAS UC 600 PCC125 (Trane) |  | Trane | Controler U C600024" Encl Disp Mat 120 V | x13651553010 | 1 | s | 1,60200 | 50.00\% | \$801.00 |
| BAS UC 600 PCC125 (Trane) |  | Trane | Controler UC6000 $24^{4}$ Encl Disp M Mrt 230 V | x13651655010 | 1 | s | 1,020.00 | 50.00\% | \$801.00 |
| BAS UC 600 PCC125 (Trane) |  | Trane | Controler UC600 $24^{\text {" IIN Rail }}$ ncolosure 330 V | x13651554010 | 1 | s | $1,322.00$ | 50.00\% | s661.00 |
| BAS UC 600 PC1225 (Trane) |  | Trane | Controler UC6600 $13^{\text {" }}$ IN R Rail Encososure 120 V | x13651559010 | 1 | s | 422.00 | 50.00\% | \$214.00 |
| BASUC600 PC1251 (Tane) |  | Trane |  | x13651560010 | 1 | $s$ | 428.00 | 50.00\% | S214.00 |
| BAS UC 600 PCT125 (Trane) |  | Trane | Controler UC600 $24^{4}$ Encl Solid Door (UUKL) 120 VAC | x13651596010 | 1 | s | 1,474.00 | 50.00\% | \$777.00 |
| BAS UC 600 PCC536 (Trane) |  | Trane | Controler UC600 BACNet Tem (2 P pack) | $\times 1356152401$ | 1 | s | 86.00 | 50.00\% | \$43,00 |
| BAS UC 6000 PC5536 (Trane) |  | Trane | Controler UC600 10 " DIN Rall Enclosure | x1099354010 | 1 | s | 195.00 | 50.00\% | S97.5 |
| BAS UC 600 PCS536 (Trane) |  | Trane | Controler UC600 PM014 24 VVACC to 1.4 A 24 VVDC | $\times 1365153801$ | 1 | s | 276.00 | 50.00\% | \$138.00 |
| BAS UC 600 PCC536 (Trane) |  | Trane | Controler UC600 Sealed Elimene C Cable | x10070883220 | 1 | s | 143.00 | 50.00\% | 57.150 |
| BAS UC 600 PC536 (Trane) |  | Trane | Controler UC600 Tracer TD7 Display | x13651571010 | 1 | s | 1,211.00 | 50.00\% | S600.50 |
| BASUC 6000 PCS536 (Trane) |  | Trane | Controlere Trace U UC600 Controler MADE E THE USA | BMUC600USAAOOOOO1 | 1 | \$ | 1,653.00 | 50.00\% | 5826.50 |
| BAS UC 600 PC5566 (Tane) |  | Trane | Controler Tracer UC600 Controler | BMUC600AAA0000011 | 1 | s | 1,321.00 | 50.00\% | \$660.50 |
| BAS UC 6000 PCC536 (Trane) |  | Trane | Controler UC600 To7 Portale Cary Case | x18210613010 | 1 | s | 143.00 | 50.00\% | 57.50 |
| BAS UC 600 PC5366 (Trane) |  | Trane | Controler UC660 VESA Munt tor İsplay | x05010511010 | 1 | \$ | 67.00 | 50.00\% | 533.50 |
| bas vav | PC183 (Trane) | Trane | Varitrac Binay hput Controler | $\times 13650576010$ | 1 | s | 984.00 | 50.00\% |  |

The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated
Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems. Microprocessor-Contsil
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Inctledl Factory

Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor ontrolled HVAC Equipmont these sy etc.) to communicate
platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and Cleans, tests, and balances the Integrated Microprocessor-Controlled HVAC Equipment in accordance with Code Requirements.

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs howers, water fountains, water heaters hot water tanks, garbage disposa

Factory Installed/Factory-Pro handiers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc.).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| nodel Number |  | Toe | Prostrel Desatiploon | Produal code | $\begin{aligned} & \text { "Warranty Period - \# of year(s) after } \\ & \text { acceptance as required by Appendix B, } \end{aligned}$ | Het Price | \% Discount | NVS Nol Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BAS vav | PC183 (Trane) |  | Varitrac CCP w Opeataor Display ( New) | X13650939010 | 1 | \$ 1.974 .00 | 50.00\% |  |
| bas vav | PC183 (Trane) | Trane | Vairirac CPP wo Opearato Display ( New) | X18650941010 | 1 | 1,208.00 | 50.00\% | S604.00 |
| bas vav | PC183 (Tane) | Trane | Varitrac CCP Reay Kt( (Nem) | x13650943010 | 1 | 236.00 | 50.00\% | \$118.00 |
| bas vav | PC183 (Tane) | Trane | Vaitrac operator Display Panel Only | $\times 17760015010$ | 1 | 799.00 | 50.00\% | \$338.00 |
| BAS VV 50x | PC640 (Tane) | Trane | Controler W V55 V VVV Controler wo actuator | 40202129 | 1 | 564.00 | 50.00\% | S282,00 |
| BAS V 5 5x | PC640 (Tane) | Trane | Controler V V551 V VV Controler wBeilima actuator | 40201220 | 1 | 678.00 | 50.00\% | 5339.00 |
| BAS V 5 5x | PC660 (Tane) | Trane | Controler V V55 V VAV Controler W Trane actuator | ${ }^{42021221}$ | 1 | 613.00 | 50.00\% | \$300.50 |
| BAS ZV 5 me | PC100 (Tane) | Trane | Controler ZV511 Zone w/ Meal Encolosure | 45500569 | 1 | 74.300 | 50.00\% | ${ }_{5371.50}$ |
| BAS ZV 50 | PC100 (Trane) | Trane | Controler ZNS11 Zone w/ Plastic Cover | 4550.0469 | 1 | 592.00 | 50.00\% | \$299.00 |
| BAS ZV 5 ¢ | PC639 (Tane) | Trane | Controler ZNS17 Zone w/ Plasic Cover | 45500496 | 1 | 1,008.00 | 50.00\% | \$554,00 |
| BASEV $5 \times$ | PC639 (Tane) | Trane | Controler ZN517 Zone w/ Meala Encossure | 49500596 | 1 | 1.188 .00 | 50.00\% | S554.00 |
| BAS ZV $5 \times$ | PC645 (Tane) | Trane | Controler ZV522 Zone w/ Meal Encossure | 49500570 | 1 | 903.00 | 50.00\% | S451.50 |
|  |  | Trane | Controler ZV521 Zone w/ Plasic Cover | 4550.0470 | 1 | 760.00 | 50.00\% | 9380.00 |
|  |  | Trane | Bypass Damper Cabiel Harness | x19051328010 | 1 | \$35.00 | 50.00\% | \$17.50 |
| Rushwille PC0 109 (Trane) |  | Trane | Sensor Z One Occupanary Celing Mount | x13790421010 | 1 | \$228.00 | 50.00\% | S109.00 |
| Rushtille PC09 (Trane) |  | Trane | Transormer 1202440 VA | x13550284010 | 1 | \$4200 | 50.00\% | \$21.00 |
|  |  | Trane | Transormer $277 / 2440 \mathrm{VA}$ | x13550285010 | 1 | \$41.00 | 50.00\% | \$20.50 |
| Rushvilie PC283( Trane) |  | Trane | 2 Position $1 / 2^{2} \mathrm{HW}$ Vaves 1.17 CV | x13680479010 | 1 | \$170.00 | 50.00\% | \$85.00 |
| Rushwile PC283 (Trane) |  | Trane | 2 Position $112^{2 H W}$ Vaves 3.0 CV | x16880480010 | 1 | \$170.00 | 50.00\% | \$85.00 |
| Rushivile PC283 (Trane) |  | Trane | 2 Postion $1 / 22^{\prime \prime}$ HW Vaves 6.4 cV | x13680481010 | 1 | \$170.00 | 50.00\% | \$85.00 |
| Rushwill PC2833 (Trane) |  | Trane |  | x13661060.01 | 1 | \$216.00 | 50.00\% | \$108,00 |
|  |  | Trane | $2.2 \mathrm{Cv}(1.89 \mathrm{Kk})$ DOC Prop hot waier Uv' | x13661060.02 | 1 | \$216.00 | 50.00\% | \$108.00 |
| Rushwile PC283 (Trane) |  | Trane | $3.8 \mathrm{Cv}(3.26 \mathrm{Ky)}$ DCC prop ho waier vav | X13661060.03 | 1 | \$216.00 | 50.00\% | \$108.00 |
| Rushvilie PC223 (Trane) |  | Trane | $6.6 \mathrm{Cv}(5.66 \mathrm{Kk})$ DDC Prop hot water UV | $\times 13661061-01$ | 1 | \$258.00 | 50.00\% | \$129.00 |
| Rushwile P C283 (Trane) |  | Trane | Aux temp Sensor | x13790068.05 | 1 | \$11200 | 50.00\% | S56.00 |
| Rushwile P C2833 (Trane) |  | Trane | Celsius Sepenont K Kobo (ext. Adi.) | x20270118.01 | 1 | \$4.00 | 50.00\% | \$2.00 |
| Rushvilie PC283 (Trane) |  | Trane | DDC Comm Moulue 12 pack | x13651467220 | 1 | \$551.00 | 50.00\% | \$25.50 |
| Rushwile PC283 (Trane) |  | Trane | Sensor Zone Occupanacy Celing Mount | x13790421-01 | 1 | \$191.00 | 50.00\% | 595.50 |
| Rushwille PC283 (Trane) |  | Trane | Transtormer 12024 40 VA | $\times 135508401$ | 1 | \$59.00 | 50.00\% | \$29.50 |
| Rushille PC283 (Trane) |  | Trane | Transormer $277 / 2440 \mathrm{VA}$ | x135502950.01 | 1 | \$59.00 | 50.00\% | \$29.50 |
| Rushwile PC2833 (Trane) |  | Trane | Vav Saicic Pressure Controler | 501705000100 | 1 | 5401.00 | 50.00\% | ${ }^{5200.50}$ |
| Rushwille PC293 (Trane) |  | Tane | 2 Possition $112^{4} \mathrm{HW}$ Valves 1.17 CV | X13680479010 | 1 | \$170.00 | 50.00\% | \$85.00 |
| Russuile PC293 (Trane) |  | Trane | 2 Posstion $1 / 2^{2}$ HW Vaves 3.0 CV | x13680480010 | 1 | \$170.00 | 50.00\% | \$85.00 |
| Rushwile PC293 (Tane) |  | Trane | 2 Postion $1 / 2^{2}$ HW Vaves 6.4 cV | x16880481010 | 1 | \$170.00 | 50.00\% | \$85.00 |
| Rushwile PC293 (Tane) |  | Trane | 0.7 CV ( 60 KV ) DC Prop hot waler V/v | $\times 13661060 \cdot 01$ | 1 | \$226.00 | 50.00\% | \$108.00 |
| Rushvile PC293 (Tane) |  | Trane | $2.2 \mathrm{Cv}(1.89 \mathrm{Kk})$ DoC prop hot waier viv | x13661060.02 | 1 | \$216.00 | 50.00\% | \$108.00 |
| Rushwile PC293 (Tane) |  | Trane | $3.8 \mathrm{Cv}(3.26 \mathrm{Ky)}$ DCC prop ho water valv | x13661060.03 | 1 | \$216.00 | 50.00\% | \$108.00 |
| Rushwile PC293 (Trane) |  | Trane | $6.6 \mathrm{CV}(5.66 \mathrm{Kv})$ Doc prop hot water uv | $\times 13611061.01$ | 1 | \$258.00 | 50.00\% | \$129.00 |
| Rushwile PC293 (Tane) |  | Trane | Cessius Sepopoint Knob (ext. Ad.) | x20270118.01 | 1 | 54.00 | 50.00\% | \$2.00 |
| Rushwile PC293 (Trane) |  | Trane | Sonsor Digita Display Zone | $\times 13790464010$ | 1 | \$146.00 | 50.00\% | \$73.00 |
| Rushwile PC2933 (Tane) |  | Trane | Sensor Temp Ext Adj | $\times 13511529010$ | 1 | S63.00 | 50.00\% | \$3.150 |
| Rushile PC293 (Trane) |  | Trane | Sensor Temp ExA Adj SP NSB | x13511527010 | 1 | \$85.00 | 50.00\% | \$42.50 |
|  |  | Trane | Sensor Temp NSB/ | x 13511530010 | 1 | \$63.00 | 50.00\% | \$31.50 |
| Rushwile PC293 (Tane) |  | Trane | Sensor Tempony | $\times 1351528010$ | 1 | \$49.00 | 50.00\% | \$24.50 |
| Rushwile PC293 (Trane) |  | Trane | Sensor Zone Coz Dut Mount | x13790423.01 | 1 | \$782.00 | 50.00\% | \$3991.00 |
| Rushwile PC2933(Tran) |  | Trane | Sensor Zone CO2 Wall Munt | x13790022-01 | 1 | 5680.00 | 50.00\% | ${ }^{5330.00}$ |
| Rushile PC2933 (Tane) |  | Trane | Sensor Zone Occupancy Celing Mount | x13790421.01 | 1 | \$191.00 | 50.00\% | S95.50 |
| Rushivile PC294 (Tane) |  | Trane | 2 Position $1 / 2^{2} \mathrm{HW}$ Vaves 1.17 CV | x13680479010 | 1 | \$170.00 | 50.00\% | \$85.00 |
| Rushville PC |  | Trane | 2 Postion $1 / 22^{\prime \prime}$ W V Vaves 3.0 cV | x16880480010 | 1 | \$170.00 | 50.00\% | \$85.00 |
| Russwile PC294 (Trane) |  | Trane | 2 Postion $1 / 22^{\prime \prime}$ HW Vawes 6.4 cV | $\times 16880481010$ | 1 | \$170.00 | 50.00\% | \$85.00 |
| Rushwile PC294 (Trane) |  | Trane | 0.77 CV (.60 Kv) DC P Pop hot water v/v | x13661060.01 | 1 | \$216.00 | 50.00\% | \$108.00 |
| Rushwile PC294 (Trane) |  | Trane | $2.2 \mathrm{Cv}(1.89 \mathrm{Kv})$ Doc prop hot water uv | x13661060.02 | 1 | \$216.00 | 50.00\% | \$108.00 |
| Rushille PC294 (Trane) |  | Trane | $3.8 \mathrm{Cv}(3.26 \mathrm{Ky)}$ DOC prop ho water vav | ${ }^{\text {x13661060.03 }}$ | 1 | \$216.00 | 50.00\% | S108.00 |
| Rushille PC294 (Trane) |  | Trane | $6.6 \mathrm{Cv}(5.66 \mathrm{Kvv}$ DOC prop hot water UV | x13661066-01 | 1 | \$216.00 | 50.00\% | S108.00 |
| Rushwile PC294 (Tane) |  | Trane | Cesisus Sepopont K Koob (ext. Adi.) | $\times 20270118.01$ | 1 | \$4.00 | 50.00\% | S2.00 |
| Rushrile PC |  | Trane | Sensor Zone Occupancy Celing Mount | $\times 13790421-01$ | 1 | \$191.00 | 50.00\% | S95.50 |
| Rushvile PC294 (Trane) |  | Trane | VAV Rerotofititi: Belimm Actuator | RV.32 | 1 | 5587.00 | 50.00\% | ${ }^{2939.50}$ |
| Rushwile PC294 (Trane) |  | Trane | Vav Retoroftit, Trane Actualor | RV.31 | 1 | 5537.00 | 50.00\% | ${ }^{5286.50}$ |
| Rushwile PC294 (Trane) |  | Trane | VAV Retrofit kit UCM (No actuator) | Rv-22 | 1 | 5443.00 | 50.00\% | S221.50 |
| Rushwile PC294 (Tane) |  | Trane | VAV Rerofotit Fow Bar Sensor $10^{\circ}$ duct | x13190595.03 | 1 | \$12.00 | 50.00\% | \$6.00 |
| Rushulie PC2 | (rane) | Trane | VAV Rerofot: Fow Bar Sensor $12^{\circ}$ duct | x131905959.04 | 1 | \$1200 | 50.00\% | S6.00 |
| Rushwile PC294 (Tran) |  | Trane | VAV Retofot: Fow Bar Sensor $14{ }^{\text {d duct }}$ | x131905959.05 | 1 | \$1200 | 50.00\% | S6.00 |
| Rushwile PC294 (Trane) |  | Trane | VAV Reteroft: Fow Bar Sensor 5 or 6 \% duct | x13190595-01 | 1 | \$12.00 | 50.00\% | \$6.00 |
| Rushille PC294 (Trane) |  | Trane | VAV Retroftit Fow Bar Sensor 8 " duct | x13190595.02 | 1 | \$12.00 | 50.00\% | \$6.00 |
| Rushwile PC294 (Trane) |  | Trane | VaV Retrofit: Trassomerer 12012440 VA | x13550284010 | 1 | \$53.00 | 50.00\% | \$26.50 |
| Rushivile PC294 (Tane) |  | Trane | Vav Retrofit: Transtomer 27712440 VA | x13550285010 | 1 | \$53.00 | 50.00\% | \$26.50 |
| Rushwile P4733 (Tane) |  | Trane | 2 Possition $1 / 2^{2} \mathrm{HW}$ Vaves 1.17 CV | x13680479010 | 1 | \$127.72 | 50.00\% | S63.86 |
| Rushivile PC473 (Trane) |  | Trane | 2 Postion $122^{\prime \prime}$ HW Vaves 3.0 cV | x16880480010 | 1 | \$127.72 | 50.00\% | 56,.86 |
| Rushwile PC473 (Tane) |  | Trane | 2 Position $122^{\prime \prime}$ HW Vaves 6.4 cV | x13680481010 | 1 | \$170.00 | 50.00\% | S85.00 |
| Rushwile PC473 (Trane) |  | Trane | Aux emp Sensor | x13790068.05 | 1 | \$19900 | 50.00\% | 559.50 |
| Lushwile PC473 (Trane) |  | Tane | Celsius Seppoint K Knob (ext. Adi.) | $\times 20270118.01$ |  | \$4.00 | 50.00\% | \$2.00 |
| Rushwile PC473 (Trane) |  | Trane | Sensor Velocity Staice Pressure | 501645290100 | 1 | \$146.00 | 50.00\% | \$73.00 |
| auswile PC473 (Trane) |  | Trane | Varitrac Communicaing Sensor Bypass Cont | 501860870100 | 1 | \$554.00 | 50.00\% | \$277.00 |
| Rushvile PC473 (Trane) |  | Trane | Varitac; 2 Position 12 'HW Vaves 6.4 CV | $\times 13880481010$ | 1 | \$170.00 | 50.00\% | \$85.00 |
| Rushvile PC473 (Tane) |  | Trane | Vaitiac: Vole Only UCM | ${ }_{\text {501728880100 }}^{\text {Lyxxspring Products }}$ |  | 5441000 | 50.00\% | 5205.00 |
|  |  |  |  |  |  |  |  |  |
| UENE.PC1064 |  | Trane |  | JENE.PC1064 | 1 | \$6,150.00 | 50\% | \$3,075.00 |
| UNE.PCC1128 |  | Trane | EENE-PC1128 Controller with Core Software and JENE-PC1-128-LIC Option for Lynxspring Business Partners. Includes 128 MB RAM/64 MB Flash, 2 10/100 Mb Ethernet ports, (1) RS-485 merial port, (1) RS-232 serial port, NDIO port and 2 communication card option slots. The Je Additional Software. <br> 128 MB Memory Upgrade Included Power supply is not included - see Hardware Options | JENE.PCU128 | 1 | 87,650.00 | 50\% | \$3,825.00 |
| JENE:PC1-128-LC |  | Trane | JENE PC 1000128 MB Exenended Memory Liense U Ugrade Fee | JENE-PC1-128-LIC | 1 | \$1,599.99 | 50\% | \$880.00 |
| JENE.PCI-UILILC |  | Trane | JENE.PC1000 Webul License (Recommended for 128MB Licensed Units) | JENE:PCI-UL-LC |  | \$2,580.00 | 50\% | \$1,200.00 |
| UENE.PC1-EP.LIC |  | Tane | JENE-PC1000 Embedded ProBuilder License (Requires purchase of JENE-PC1-UI-LIC License) | JENE-PCT-EP-LIC | 1 | \$1,740.00 | 50\% | S870.00 |
| UENE:PCI-NC-LIC |  | Trane |  |  | 1 | \$1,740.00 | 50\% | \$870.00 |
| ENE-PCI-BACNETTP-LIC |  | Trane | JENE:PCT1000 BACneet P Pomneesivit License (Client and Severe) | JENE:PCI-BACNETTP-LIC |  | \$2,958.00 | 50\% | \$1,479.00 |
| ENE.PCP1-MSTP-LIC |  | Trane | JENE.PCC 1000 BACnet MSTP Divive (Client and Sever) | JENE:PC1-MSTP-LIC | 1 | \$2,340.00 | 50\% | \$1,170.00 |
| ENE.PCC-MSTP.CLIENT-LC |  | Trane | JENE.PCC1000 AACnet MSTP Diver (Client Only) | JENE.PCP-MSTP.CLLENT-LIC | 1 | \$1,608.00 | 50\% | 5884.00 |
| UENEPPCI-BACNET.SERVER-LIC |  | Trane |  | JENE-PC1-BACNET-SERVERR-LIC | 1 | \$1,200.00 | 50\% | 5600.00 |
| EENE-PCPI-LONCARD-LIC |  | Trane | JENE:PC 1000 LonTak Communicaito Module Card \& Lon Lieense | JENE:PC1-LONCARO-LLC | 1 | S2,667.20 | 50\% | \$1,308.60 |
| SNE - PCI-LON-LLC |  | Trane | JENE.PCT 1000 LonTak License Only | JENEPPCI-LON-LC | 1 | \$1,608.00 | 50\% | 5884.00 |
| JENEPCP1-LON-LIC |  | Trane |  | JENE:PC1-LION-LIC | 1 | \$3,000.00 | 50\% | \$1,50.00 |
| ENE.PCC-MOOBUS-RTU-CLIENT-LC |  | Trane |  | JENE:PCC-MODBUS -RTU-CLIENT-LIC | 1 | \$1,608.00 | 50\% | 5884.00 |
| ENEPPC-MODBUS-RTU SLAVE-LIC |  | Trane | JENE.PC. 1000 Modibus RTU Slave Sefial Divier | JENE.PC1-MODBUS-RTU-SLAVE-LIC | 1 | \$2,331.60 | 50\% | \$1,165.80 |
| ENE:PC1-MOOBUS TTPP-CLIENT-LIC |  | Trane | JENE.PCT1000 Madus TCP Client Diver | JENE.PCT-MOBBUSTCPP.CLIENT-LIC | 1 | \$1,608.00 | 50\% | 5884.00 |
| JEEEPCT-MOBBUS-TCP-SLAVE-LIC |  | Trane | JENE.PCT1000 Modus TCP Slave Diver | JENE.PCT-MODBUS-TCP.SLAVE-LIC | 1 | \$2,331.60 | 50\% | \$1,165.80 |
| ENE.PCITSNMP-LIC |  | Trane | JENE-PC. 1000 SNMP Serice D Diver License Senice | JENE.PC1-SNMP-LIC | 1 | \$1,608.00 | 50\% | 5884.00 |
| ENE:PCI-EIB-LIC |  | Trane |  | JENE.PCIEEIB-IC | 1 | \$1.608.00 | 50\% | \$884.00 |

The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. . BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated
Microprocessor-Controled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems. Microprocessor-Contor
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted Instledl Factory

Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these
products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor
Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, etc.) to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated
platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209, b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and Cleans, tests, and balances the Integrated Microprocessor-Controlled HVAC Equipment in accordance with Code Requirements.

The scope of this contract does not include:
showers, water fountains, water heaters hot water tanks, garbage disposa
. Wers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
Factory Installed/Factory-Provided micro-processor--controlled included $/$ cer remote $1 / O$ modules, etc. which are not
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to


A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

|  |  |  |  | $\begin{gathered} \text { "Warranty Period - \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54 " \end{gathered}$ | List price |  |  | Nrs Nal Pri |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| JENE:PCIMBUSS-LIC | Trane |  | JENE-PC1-MBUS-LIC | 1 | \$1,608.00 | 50\% | \$804.00 |  |
| JENE-PCI-ZWAV-LIC | Trane |  | JENE.PC1-ZWAVVLIC | 1 | \$1,608.00 | 50\% | \$804.00 |  |
| JENEPPC1-FLEX-LIC | Trane | JENE.PCT1000 Flexile Serial Divive License Serice | JENE:PC1-FLEX-LIC | 1 | \$1.608.00 | 50\% | \$804.00 |  |
| JENE.PCI-N2C-LC | Trane |  | JENE.PC1-N2C-LC | 1 | \$10,687.50 | 50\% | \$5,343,75 |  |
| JENE.PCI-N2-LIC | Tane | JENE-PC1000 N2 Driver Service (Server Only - Use this driver to export N2 data to an existing system) | JENEPCC1-N2-LIC | 1 | s6,000.00 | 50\% | \$3,00.00 |  |
| JENE-PC1-ASD-LIC | Trane | JENE.PC 1000 Newwork 8000 ASD Diriver | JENE.PCC-ASD-LIC | 1 | \$11,250.00 | 50\% | \$5.625.00 |  |
| JENEPCCIGCM-LC | Trane | JENE.PC 1000 Network 8000 GCM D Diver | JENEPCCIGCMMLLC | 1 | \$11,250.00 | 50\% | \$5.625.00 |  |
| JENE.PC6628 | Trane |  | JENE.PC66128 | 1 | \$11,100.00 | 50\% | \$5,55.00 |  |
| JENE.PC6256 | Trane |  | JENE.PC6256 | 1 | \$15,150.00 | 50\% | \$7,57.00 |  |
| JENE:PCC:26-LC | Trane | JENE.PC66000 256 M Exenended Memory License Upgrade Fee | JENE:PC6-256-LIC | 1 | \$4.05.00 | 50\% | \$2.025.00 |  |
| JENE.PC6.U-LIC | Trane | JENE.PC6600 Web Ul License | JENE-PC6.UH-LIC | 1 | \$4,650.00 | 50\% | \$2,325.00 |  |
| JENE.PCGEEP.LIC | Trane | JENE PC6000 Embedded Probuider License (Requires purchase of J ENE.PC6-UV-LLC License) | JENE.PC6 6-EP.LIC | 1 | \$1,740.00 | 50\% | \$870.00 |  |
| JENE-PC6-NC-LC | Trane | JENE-PC6000 Nigagamm Nemorok Comnetivity License (FOX) | JENE.PC6-NC-LIC | 1 | \$3,00.00 | 50\% | \$1,500.00 |  |
| JENEPCCGBACNETTP-LIC | Trane | JENE:PC6000BACnet P P Comenetivit License (Client and Sever) | JENE:PCG:BACNETTP-LIC | 1 | \$3,00.00 | 50\% | \$1.500.00 |  |
| JENE.PC6.MSTP.LIC | Trane | JENE:PC6600 BACnet MSTP Divive (Client and Sever) | JENE:P66-MSTP-LIC | 1 | \$2,34.00 | 50\% | \$1,170.00 |  |
| JENE-PC6.MSTP.CLLENT-LC | Trane | JENE.PC6600 BACnet MSTP Difier (Client Only) | JENE.PC6-MSTP-CLIENT-LIC | 1 | \$1,60.00 | 50\% | \$884.00 |  |
| JENE-PCG:BACNET.SERVEER-LIC | Trane | JENE-PCG000 BACnet Sevver Add AAlows Export Capability for Client Only BACnetlp or MSTP Licenses) | JENE.PCG:BACNET-SERVER LIC | 1 | \$1,200.00 | 50\% | \$600.00 |  |
| JENE-PCG-LONCARO-LIC | Trane | JENE:PC6000 LonTak Communicaion Modul Card \& Lon Liense | JENE:PC6-LONCARO-LLC | 1 | \$3,20.64 | 50\% | \$1,600.32 |  |
| JENEPCGG-LON-LC | Trane | JENE.PC6600 LonTak License Only | JENE.PCG-LON-LIC | 1 | \$1,08.00 | 50\% | \$8804.00 |  |
| JENE.PCGF-HON-LC | Trane | JENE:PC6000 LON over IP, using CEA.852, communicales hrough PILON router. (Lynnsping does not provide IP/LON routers.) | JENE:PCG-LON-LLC | 1 | s3,000.00 | 50\% | \$1.500.00 |  |
| JENE:PC6-MOOBUS-RTU.CLIENT-LLC | Trane | JENEPPC6000 Modus R TUU Client Serid Diviver | JENE:PC6-MOBBUS-RTU-CLENT-LLC | 1 | \$1,08.00 | 50\% | 5880400 |  |
| JENE-PC6-MODBUS-RTU-SLAVELLC | Trane | JENE.PC6000 Modobus RTU Slave Serial diver | JENE.PC6-MOBBUS.RTU-SLAVE-LIC | 1 | \$2,31.60 | 50\% | ${ }^{\text {\$1, } 165.80}$ |  |
| JENEPCC6-MOOBUS.TCP.CLLENT-LIC | Trane | JENE.PC6000 Modius TPP Clien D Diver | JENE-PC6-MOOBUS-TCP-CLIENT-LIC | 1 | \$1,60.00 | 50\% | \$884.00 |  |
| JENE-PC6-MODBUS-TCP-SLAVE-LIC | Tane | JENE.PC6000 Madus TCP Slave Diver | JENE.PC6-MODBUS-TCP-SLAVE-LIC | 1 | \$2,31.60 | 50\% | \$1,165.80 |  |
| JENE:P6G-SNMP-LIC | Trane | JENE.PC6000 SNMP Serice Divier License Sevice | JENE.PC6.SNMP-LLC | 1 | \$1,00.00 | 50\% | S804.00 |  |
| JENE:PC6 6-EB-LIC | Trane |  | JENE:PC6:EEP-LIC | 1 | \$1,608.00 | 50\% | S804.00 |  |
| JENE-PC6-MBUS-LC | Trane | JENE.PC. 1000 M:Bus nework via an RS-232 toM:Bus ineffice | JENE-P66-MBUS-LIC | 1 | \$1,60.00 | 50\% | \$884.00 |  |
| JENE.PCG-ZWAV-LIC | Trane |  | JENE:PG6.ZWAV-LIC | 1 | \$1,08.00 | 50\% | \$884.00 |  |
| JENEPPC6-FLEX-LIC | Trane | JENE.PC6000 Fexide Seial Driver Liense Serice | JENE:P66.FLEE-LLC | 1 | \$1,08.00 | 50\% | S880400 |  |
| JeNE.PC6. NC -LIC | Trane | JENE.PC6000 N2 Divier Serice (Client Only | JENE.PCG-N2C-LC | 1 | \$15,437.49 | 50\% | 87,78,75 |  |
|  | ${ }^{\text {Trane }}$ | $J E N E=P C 6000 ~ N 2$ Diver Sevice (Severe Only - Use this diviver toexpor $N 2$ datat an existing sysiem | JENE-PC6-N2-LC | 1 | \$12,000.00 | 50\% | \$6.00.00 |  |
| JENEPPC-ASD-LIC | Trane | JENE.PC6000 Network 8000 AsD Diver | JENEPCC-ASD-LIC | 1 | \$16,250.01 | 50\% | s8, 125.01 |  |
| JENEPPCGGCMM-LC | Trane | JENE.PC6000 Network 8000 GCM D Diver | JENE-PC6-GCM-LIC | 1 | \$16,250.01 | 50\% | s8,125.01 |  |
| JENE.PCLCD | Trane | LCD Operatio's Panel Diagnosicic Tool | JENE.PCLCD | 1 | \$2,70.00 | 50\% | \$1,350.00 |  |
| JENEPPC-LONCARD | Trane | JENE:PC.10006000 Series Lontak Commuricaion Module Card (Lon Card Only) | JENEPPC-LONCARD | 1 | \$1,56.92 | 50\% | \$779.46 |  |
| JENE:PC-485 | Trane | JENE.PC 10006 6000 Series Dual Port RS-485 Communication Module Card | JENE.PC-485 | 1 | \$1,674.99 | 50\% | S887.50 |  |
| JENE.PC-232 | Trane | JENE:PC. 100066000 Sefies RS-232 Communicaion Modul Card | JENE.PC-232 | 1 | \$1.575.00 | 50\% | ${ }^{5787.50}$ |  |
| JENEPPC.WWPM. 120 | Trane | JENE. PCCIOOOC6000 Series Wall Powe Modul 120Vac, 60 Hz ( Wal.Wart) | JENE.PC.WWPM-120 | 1 | \$432.00 | 50\% | ${ }^{5216,00}$ |  |
| JENE.PC.WWPM-230 | Trane |  | JENE.PC.WWPM-230 | 1 | \$432.00 | 50\% | ${ }^{5216.00}$ |  |
| JENE.PG.PWR.UN | Trane | JENE- PC1000/6000 90-263 V AC 50 / 60 Hz Auto sensing Power Supply Module, DIN Rail Mountable <br> Not required with purchase of IO-34 | JENE.PG.pwR.un | 1 | \$1,050.00 | 50\% | \$555.00 |  |
| JENE:PC.BPPM | Trane | JENE. PC 100066000 Series Replacement Bateery Power Pack | JENE.PC.BPPM | 1 | \$442.00 | 50\% | 5216.00 |  |
| JENE.PC.MODEMCARD | Trane | JENE.PCC10006000 Series 56 Kk bos Nodem Communicaion Module Card | JENE.PC.MODEMCARD | 1 | \$2,280.96 | 50\% | \$1,140.48 |  |
| LIC.CHG | Trane | License change fee to change an existing license at the request of a customer or partner. Applies to all license changes except when a driver, upgrade or other software is purchased. | L'с.СНG | 1 | 5875.01 | 50\% | ${ }^{5437.51}$ |  |
| JENE:U.AX | Tane | New release software upgrade for one JACE controller. Price includes all applications and drivers licensed for the JACE controller. Upgrades JACE controller to the current release. | JENE:U.ax | 1 | \$1.500.00 | 50\% | 5750.00 |  |
| DP-APHP-AX | Trane | Ameican Alumatitix PHP over RS-23220 R RS-485 | DR-APHP-AX | 1 | \$12,500.01 | 50\% | S6,250.01 |  |
| DP-APUP-AX | Trane | Ameican Alumatitix PUP over RS-23220 R RS-485 | DR-APUP-AX | 1 | \$12,500.01 | 50\% | S6,250.01 |  |
| DR-ACAX | Trane | Andovere AC256 over RS-232 or RS-485 | DR-ACAX | 1 | \$12.500.01 | 50\% | S6,250.01 |  |
| OR-GLOB.AX | Trane | Enables control of IR controlled AV equipment via an RS-232 connection to a Global Cache FC | Dr.glob-AX | 1 | 83,000.00 | 50\% | \$1.500.00 |  |
| DR-HELV-AX | Trane | Hevar Lighting Contro Diviver | DR-HELV-AX | 1 | \$3,00.00 | 50\% | \$1,500.00 |  |
| DR-HORT-AX | Trane | Diver for Europan Hotrsman meets | DR-HORT-AX | 1 | \$3,000.00 | 50\% | \$1.500.00 |  |
| DR.JOS.AX | Trane | Josam Grease Trap Sensor | DR.Jos.AX | 1 | \$3,00.00 | 50\% | \$1,500.00 |  |
| DR-ANG:AX | Trane | Lang Oveno verer RS-232 or RS.485 | DR-LANGAX | 1 | \$3,00.00 | 50\% | \$1,500.00 |  |
| DR.SMS.AX | Trane | Enables SMS alarms to be sent to any mobile phone via a GSM/GPRS modem connected to the RS 232 serial port | Dr.SSS Ax | 1 | s3,000.00 | 50\% | \$1,500.00 |  |
| dr.vodi-AX | Trane | Vedederfoot over RS-232 or RS-485 | Dr-vodt-AX | 1 | \$3,00.00 | 50\% | \$1.500.00 |  |
| JENE:SUP | Tane |  | JENESSUP | 1 | \$33,075.00 | 50\% | \$16,577.50 |  |
| JENE:SUP-SBS | Trane | Small Buiding S System JENEEsysm Superisor Software for up to 3 JENE Controlers | JENE:SUP.SBS | 1 | \$91,689.99 | 50\% | 99,845.00 |  |
| JENE.SUP.SSSS-UP-LIC | Trane | Small Buiding System JENEsssm" Superisor Upgrade to Standard JENESysm " Superisor | JENE.SUP.SBS-UP-LIC | 1 | \$20,100.00 | 50\% | \$10,050.00 |  |
| VES.JENE.SSS-SUP | Trane |  | VES.JENE.SBS.SUP | 1 | \$39,349.98 | 50\% | \$19,674.99 |  |
| VES-JENE:SUP | Trane | Standard Weeb Superisisor (AX-Supenisor) bundled with VES BASE-AX | VES.JENE:SUP | 1 | \$52,734.96 | 50\% | \$22,367.48 |  |
| JENEPPROAX | Trane | Additional Copy of Probuilief ror End Users | JENE:PROAX | 1 | \$13,903.83 | 50\% | S6.951.92 |  |
| ALM-Console-Ax | Trane | The Alarm Console client. No separate server is required. Supports both Supervisor and Niagara device alarm monitoring. | ALM.CONSOLE-AX | 1 | ${ }^{9923.07}$ | 50\% | \$461.54 |  |
| JENESSUPSOL-LC | Trane | Microsot saL Database Diviver | JENE SUP-SQL-LIC | 1 | 59,99.99 | 50\% | \$5.000.00 |  |
| JENE:SUP-ORCL-LIC | Trane | Orace Database Diviver | JENE:SUP-ORCLLLIC | 1 | \$37,500.00 | 50\% | \$18,750.00 |  |
| JENESSUP.OB2-LIC | Trane | 1 BM DB2 Database Diviver | JENE=SUP-DB2-LIC | 1 | \$87,500.00 | 50\% | \$18,750.00 |  |
| JENE.SUP.CSV | Trane | Allows Exxel and CSVV lie dalata to be imported into Niagara $A X$ | Jene-SUP.CSV | 1 | s8,499.99 | 50\% | \$4,250.00 |  |
| JENE:SUP-OBx-LIC | Trane | AX Supenisor oBIX Diver for comnecting to tony devices not powered by Niagara, includos license tor 5000 Bil poins | JENE:SUP-OBx-LIC | 1 | \$21,999.99 | 50\% | \$11,000.00 |  |
| JENE:SUP5.OBX500-LIC | Trane | Additiona 500 point block for AX Supenisoro oBX D Diver | JENESSUP5.OBX50-LIC | 1 | ¢8,374.98 | 50\% | \$4,187.49 |  |
| JENESSUP.BACNETTP.LIC | Trane |  | JENE.SUP.BACNETPP-LIC | 1 | \$21,999.99 | 50\% | \$11,000.00 |  |
| JENESUUP-ACANETPP50-LIC | Trane |  | JENE-SUPPBACNETP500-LC | 1 | \$8,374.98 | 50\% | \$4,187.49 |  |
| JENESSUPBPACNETP-SERVVER-LIC | Trane |  | JENE:SUPPBACNETTP-SERVERR-LIC | 1 | s6,000.00 | 50\% | \$3,00.00 |  |
| JENESUP-OPC-LIC | Trane | JENESEss"'S Sueerisor OPC D Diver - hnoludes icense for 500 OPC Points. | JENESUP-OPC-LIC | 1 | \$21,999.99 | 50\% | \$11,000.00 |  |
| JENE:SUP.OPC500-LIC | Trane | Additiona 500 point lock for JENESYs'" Supenisor OPC Divier | JENE:SUP.OPC500-LIC | 1 | s8,374.98 | 50\% | \$4,187.49 |  |
| Jene:Sup-Modeus-LIC | Trane |  | JENE:SUP-MODBus-LIC | 1 | \$21,999.99 | 50\% | \$11,000.00 |  |
| JJEE-SUP.MODEEUS50-LIC | Trane | Additiona 500 Point Block for JENE Esysm Supeerisor Modus $T$ TPP Diviver | JENESUPPMODEBUS50-LIC | 1 | ¢8,37.98 | 50\% | \$4,187.49 |  |
| JNE=SUP-SNMP-LIC | Trane |  | JENE.SUP.SNMP.LIC | 1 | \$22,999.99 | 50\% | \$11,000.00 |  |
| JENESSUPSSMP500-LIC | Trane |  | JENESUP-SNMP50-LIC | 1 | 98,374.98 | 50\% | \$4,187,49 |  |
| Sup.uax | Tane | New release software upgrade for Supervisor. Price includes all applications and drivers licensed for the Supervisor. Upgrades the Supervisor to the current release. | sup.U.ax | 1 | 55,000.01 | 50\% | \$2,500.01 |  |
| Lic.CHG | Tane | License change fee to change an existing license at the request of a customer or partner. Applies to all license changes except when a driver, upgrade or other software is purchased. | L¢С.CHG | 1 | 5875.01 | 50\% | \$437.51 |  |
| 10023 | Trane | Batary for JENE 4 or JNE 5 | 10023 | 1 | \$320.01 | 50\% | \$160.01 |  |
| 1026 | Trane |  | 10226 | 1 | \$47.49 | 50\% | \$23.75 |  |
| 10027 | Trane |  | ${ }^{10027}$ | 1 | \$42.51 | 50\% | 82.26 |  |
| 10139 | Trane | 6 postion inputuouput commector | 10139 | 1 | \$80.01 | 50\% | \$40.01 |  |
| 10140 | Trane | Weidimuler 3 P.ostioio straight comnector | 10140 | 1 | \$47.49 | 50\% | \$23.75 |  |
| 10148 | Trane |  | 10148 | 1 | \$220.01 | 50\% | \$145.01 |  |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated
Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems. Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory Molled HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and , commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, etc.) to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated platforms/systems.
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209, b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

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The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs howers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
. Factory Installed/Factory-Provided micro-processor--controlled included/controlled)/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Syst

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose IT, Telecommumications, Networking Cabing, Fiber Opics (e.g. phone, pbx, digital centrex, digital key systems, television, cable, T-Line, general broadband, etc.

A physical security and faciity system includes an emergency telephone system or pbx system expressly and solely used.
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| 10149 | Trane | Prootuct Dosaliplion | 10149 | $\begin{aligned} & \text { "Warranty Period - \# of year(s) after } \\ & \text { acceptance as required by Appendix B, } \end{aligned}$ | List Pice | \% Discome | NvS Net Price |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |
| 10180 | Trane | 4 toot siver saitin abile (male PJ.45 both ends) | 10180 | 1 | \$120.00 | 50\% | \$60.00 |  |
| 10181 | Trane | 10 foot ilier stitic calie (male R.J.45 both ends) | 10181 | 1 | \$120.00 | 50\% | 566.00 |  |
| 10182 | Trane | 25 foot siver saitic calie (male R.J.45 bot ends) | 10182 | 1 | \$120.00 | 50\% | \$66000 |  |
| 10389 | Trane | Transtomer assemblies tor the JENE-403 and JENE.545 | 10389 | 1 | \$884,99 | 50\% | 5417.50 |  |
| 10390 | Trane |  | 10390 | 1 | \$884.99 | 50\% | 5417.50 |  |
| R-J.403.AX | Trane |  | R.J.403.AX | 1 | \$14,332.50 | 50\% | 87,16.25 |  |
| R-J.545-AX | Trane | Reeturished, outod.weranaty feplacement JENE-545 circuit board. Inculues 90 day waranty. | R.J.545-Ax | 1 | \$17,199.99 | 50\% | 58,600.00 |  |
| RJ. 403 A. Ax EM | Trane |  | R-J. 403. AX EM | 1 | \$15,909.99 | 50\% | 87,95.00 |  |
| RJ. 545 S -AX EM | Trane |  Customers can buy for Stock | R.J.545-AX:EM | 1 | \$18,774.99 | 50\% | 99,387.50 |  |
| 10600 | Trane | 15 position commetior | 10600 | 1 | ${ }^{5315.00}$ | 50\% | \$177.50 |  |
| 10599 | Trane | 12 position comnector | 1059 | 1 | \$249.99 | 50\% | \$125.00 |  |
| 10598 | Trane | 2 postion connector | 10598 | 1 | \$47.49 | 50\% | ${ }_{523.75}$ |  |
| 10429 | Trane | 6.possition end mount, sceee terninal coonector plug tore expansion modules not munted in ine. | 1029 | 1 | \$110.01 | 50\% | \$55.01 |  |



The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory Mounted $[$ HAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and , commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, etc.) to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated ms/systems.
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 , b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the HVAC E.

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Pcope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, h

Factory Installed/Factory-Provided micro-processor--controlled included/conemote I/O modules, etc. which are not:
Which are not integrated with the Building Automation Systems or Energy Management
Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
A. General Purpose IT, Telecommumications, Networking Cabing, Hber Opics (e.g. phone, pbx, digital centrex, digital key systems, television, cable, T-Line, general broadband, etc.

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used.
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


| Model Number | Manulacturer | Prodict Dosaliplion | Product Code | "Warranty Period - \# of year(s) after acceptance as required by Appendix $B$, Clause 54 " | Lstrice | \% Discount | NVS Net Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 31180 | Trane | BELT; V TYPE NOTCHED 17.3 PL | 31180 | 1 | \$7.95 | 50\% |  |
| 31190 | Trane | BELT; $3 / 8$ WIDE, 19.0 OUTSIDE LENGTH, 18.3 PITCH LENGTH | 31190 | 1 | \$7.95 | 50\% |  |
| 31200 | Trane | BELT; FHP 20 INCH OD 19.3 PITCH | 31200 | 1 | \$7.95 | 50\% |  |
| 32210 | Trane | BELT; 21.0 Od $\times 20.3$ PITCH | 32210 | 1 | \$7.95 | 50\% |  |
| 32250 | Trane | BELT; 25.0 OD X 24.3 PITCH | 32250 | 1 | \$7.95 | 50\% |  |
| 31360 | Trane | BELT; V, 3L360, 36.0 OD $\times 35.3$ PITCH | 31360 | 1 | \$9.05 | 50\% |  |
| 34460 | Trane | BELTV (FHP), 3L460M 46.0 OUTSIDE LG. 45.3 PITCH LG. | 31460 | 1 | \$11.41 | 50\% |  |
| $3 \mathrm{~V} \times 800$ | Trane | BELT; 3VX800,80.OIN.OUTSIIE LENGTH | $3 \mathrm{3V} 800$ | 1 | \$29.32 | 50\% |  |

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. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or faciilty. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mouted InAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel ( HAP ), and/or other similar device, which utilize certain pres (e.g. BACNet, LonTalk, Modbus, platforms/systems.
5. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance: and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
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B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
B. Guio Pideo

A physical security and faciity system includes an emergency telephone system or pbx system expressly and solely used
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platforms/systems.
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B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms video video conferencing equipment Theatre Screens/Displays, etc).

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A. General Purpose IT, Telecommumications, Networking Cabling, Fiber Optics (e.g. phone, pbx, digital centrex, digital key systems, television, cable, T-Line, general broadband,
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc.).

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|  |  |  |  | $\begin{gathered} \text { "Warranty Period }- \text { \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54 \text { " } \end{gathered}$ | List Pice | \% Discoumt | Nvs |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| AJA461AXA | Trane | COMPRESSOR; RECIPROCATING; TECUMSEH; REFRIGERATION; 1/2 HP; 6100 | AJA4661AXA | 1 | \$1,039.00 | 50\% | \$519.50 |
| Aa4492AXA | Trane | COMPRESSOR; REIIPROCATING; TECUMSEH; REFRIGERATION; 3/4 HP; 782 ( | ( AJA4992AXA | 1 | \$1,150.66 | 50\% | \$575.33 |
| AAA492AXD | Trane | COMPRESSOR; REIIPROCATING; TECUMSEH; REFRIGERATION; $3 / 4 \mathrm{HP} ; 9150$ | AJA4992AXD | 1 | \$1,202.94 | 50\% | \$601.47 |
| AA4512AXD | Trane | COMPRESSOR; RECIPROCATING; TECUMSEH; REFRIGERATION; 1 HP ; 12300 e | E AdA512AXD | 1 | \$1,416.23 | 50\% | \$708.12 |
| Ana7441AXA | Trane | COMPRESSOR; RECIPROCATING; TECUMSEH; REFRIGERATION; $1 / 2 \mathrm{HP} ; 4400$ | AdA7441AXA | 1 | \$1,050.95 | 50\% | \$525.48 |
| A ${ }^{\text {7 } 7465 A X A}$ | Trane | COMPRESSOR; RECIPROCATING; TECUMSEH; REFRIGERATION; $3 / 4 \mathrm{HP}$; 6650 | AJA7465AXA | 1 | \$1,269.91 | 50\% | \$634.96 |
| A ${ }^{\text {B7465AXD }}$ | Trane | COMPRESSOR; REIIPROCATING; TECUMSEH; REFRIGERATION; $3 / 4 \mathrm{HP} ; 6650$ | AB7465AXD | 1 | \$1,219.45 | 50\% | \$609.73 |
| AKA9441AXA | Trane | COMPRESSOR; RECIPROCATING; TECUMSEH; REFRIGERATİN; $1 / 2 \mathrm{HP} ; 4100$ | AKA9441AXA | 1 | \$993.06 | 50\% | \$496.53 |
| AKA9442EXA | Trane | COMPRESSOR; RECIPROCATING; TECUMSEH; REFRIGERATION; $1 / 2 \mathrm{HP} ; 4150$ | AKA9442EXA | 1 | \$1,016.92 | 50\% | \$508.46 |
| AKA9955ExD | Trane | COMPRESSOR; REIIPROCATING; TECUMSEH; REFRIGERATION; $3 / 4 \mathrm{HP} ; 5500$ | AKA9455ExD | 1 | \$1,106.41 | 50\% | \$553.21 |
| AKA9462ZXA | Trane | COMPRESSOR; RECIPROCATING; TECUMSEH; REFRIGERATION; $3 / 4 \mathrm{HP} ; 6250$ | AKA94622XA | 1 | \$1,048.12 | 50\% | \$524.06 |
| AlC00001 | Trane | ALCOHOL; 2-EtHYL-1-XANOL, 2.5 LTER ALL ABS EXCEPT ABTD (SHIPING UC | ( Alco0001 | 1 | \$525.24 | 50\% | \$262.62 |
| Alm00011 | Trane | ALARM; KEY | ALM00011 | 1 | \$60.22 | 50\% | \$30.11 |
| AMP00007 | Trane | AMPLIFIER; SERIES 44 | AMP00007 | 1 | \$1,719.75 | 50\% | \$859.88 |
| AMP00013 | Trane | AMPLFIER; 2 -4 SEC, CONTROL | AMP00013 | 1 | \$288.70 | 50\% | \$144.35 |
| AMR00021 | Trane | armature; magnet rrame, freedom and citiation nema size 4-5, 20 | AmR00021 | 1 | \$268.90 | 50\% | \$134.45 |
| ANG00738 | Trane | ANGLE; DISCHARGE, 2.205IN. $\times 25.3361 \mathrm{~N}$. | ANG00738 | 1 | \$84.34 | 50\% | \$42.17 |
| AnG00739 | Trane | ANGLE; DISCHARGE, 2.205IN. $\times 31.0181 \mathrm{~N}$. | Ang00739 | 1 | \$83.76 | 50\% | \$41.88 |
| ANG00804 | Trane | angle; Fluter | ANG00804 | 1 | \$156.68 | 50\% | \$78.34 |
| Ang00843 | Trane | ANGLE; blower | Ang00843 | 1 | \$90.40 | 50\% | \$45.20 |
| Ang00918 | Trane | angle; flter retainer | Ang00918 | 1 | \$41.56 | 50\% | \$20.78 |
| ANG01077 | Trane | ANGLE; $3.89 \times 40.44,148,178$, FAN Housing | ANG01077 | 1 | \$89.18 | 50\% | \$44.59 |
| ANG01291 | Trane | RACCORD Angulaire air | ANG01291 | 1 | \$38.10 | 50\% | \$19.05 |
| AnG01543 | Trane | AnGLE; ACTUATOR TO DRIVE ROD, $1.83 \times 0.83 \times 0.75$ | Ang01543 | 1 | \$58.40 | 50\% | \$29.20 |
| ANG01987 | Trane | ANGLE; TRIM, PlPE CABIINET | ANG01987 | 1 | \$87.20 | 50\% | \$43.60 |
| APL00104 | Trane | APPAREL; LEATHER WORK Glove with Safety cuff | APL00104 | 1 | \$5.15 | 50\% | \$2.58 |
| APL00105 | Trane | APPAREL; LEATHER WORK GLOVE WITH 4-1/2 INCH WATERPROOF CUFF | APL00105 | 1 | \$5.70 | 50\% | \$2.85 |
| APL00106 | Trane | APPAREL; LEATHER WORK GLove with full red jersey lining | APL00106 | 1 | \$8.73 | 50\% | \$4.37 |
| APL00107 | Trane | apparel; renegade performance glove with keviar thread | APL00107 | 1 | \$11.73 | 50\% | \$5.87 |
| APL00108 | Trane | APPARE; COTTON STRING KNIT Glove | APL00108 | 1 | \$14.78 | 50\% | \$7.39 |
| APL00113 | Trane | APPAREL; DISPoSAble nuisance dust mask for non-toxic Particles | APL00113 | 1 | \$18.53 | 50\% | \$9.27 |
| APL00151 | Trane | apparel gloves, unlined sueded-deerskin work, Large | APL00151 | 1 | \$61.95 | 50\% | \$30.98 |
| APL00160 | Trane | RESPIIRATOR; (4 EA/CASE)TOXIC DUST ReSPIRATOR W/CARTRIDGES | APL00160 | 1 | \$52.03 | 50\% | \$26.02 |
| APL00168 | Trane | APPARLL; Latex glove, 23010,50 Pair/B0x | APL00168 | 1 | \$18.60 | 50\% | \$9.30 |
| APL00215 | Trane | APPAREL; HEAVY UTLITY Gloves - Large | APL00215 | 1 | \$55.05 | 50\% | \$27.53 |
| APL00228 | Trane | APPARE; JOURNEYMAN K2 FRAMER GLoves, medium | APL00228 | 1 | \$50.03 | 50\% | \$25.02 |
| APL00230 | Trane | APPAREL; JOURNEYMAN K2 FRAMER GLoves, extra-Large | APL00230 | 1 | \$50.03 | 50\% | \$25.02 |
| ARM00020 | Trane | ARM; DAMPER LEVER | ARM00020 | 1 | \$116.66 | 50\% | \$58.33 |
| ARM00058 | Trane | ARM, CRANK, 380 DIA | ARM00058 | 1 | \$22.08 | 50\% | \$11.04 |
| ARM00148 | Trane | ARM; MOTOR MOUNT | ARM00148 | 1 | \$46.28 | 50\% | \$23.14 |
| ARM00150 | Trane | VERIN RAPPEL PAR RESSORT-24V | ARM00150 | 1 | \$25.62 | 50\% | \$12.81 |
| ARM00156 | Trane | ARM, MOTOR MOUNTING | ARM00156 | 1 | \$21.81 | 50\% | \$10.91 |
| ARM00167 | Trane | ARM; MOTOR MOUNT | ARM00167 | 1 | \$55.22 | 50\% | \$27.61 |
| ARM00191 | Trane | bras | ARM00191 | 1 | \$22.50 | 50\% | \$11.25 |
| ARM00192 | Trane | ARM; MOTOR MOUNT | ARM00192 | 1 | \$17.46 | 50\% | \$8.73 |
| ARM00205 | Trane | ARM; DAMPER CRANK, 50 diA Shaft | ARM00205 | 1 | \$42.96 | 50\% | \$21.48 |
| ARM00207 | Trane | arm; FAn motor mount | ARM00207 | 1 | \$24.19 | 50\% | \$12.10 |
| ARM00221 | Trane | LEVER; CLAMP \& CRANK ARM | ARM00221 | 1 | \$13.17 | 50\% | \$6.59 |
| ARM00837 | Trane | ARM; MOTOR MOUNT | ARM00837 | 1 | \$15.04 | 50\% | \$7.52 |
| ARM00846 | Trane | ARM; MOTOR MOUNT | ARM00846 | 1 | \$34.86 | 50\% | \$17.43 |
| ARM00848 | Trane | ARM; GAS SPRING, LCD Wall mount | ARM00848 | 1 | \$459.22 | 50\% | \$229.61 |
| AтT00009 | Trane | attenuator; SOUnd | ATт00009 | 1 | \$38,124.92 | 50\% | \$19,062.46 |
| ATT00131 | Trane | ATTENUATOR; Enclosure-noise (1-CYL), 13.53 ID Botrom, 9.00 HeIGHT | ATT00131 | 1 | \$45.14 | 50\% | \$22.57 |
| ATT00133 | Trane | ATTENUATOR; SOUND, COMPRESSOR, RTAA | ATT00133 | 1 | \$536.22 | 50\% | \$268.11 |
| ATT00134 | Trane | Attenuator; oll separator | ATT00134 | 1 | \$273.94 | 50\% | \$136.97 |
| ATT00257 | Trane | enclosure; NoIse, SCROLL, 10.0 ID , 15.59 HeIIGHT | АтT00257 | 1 | \$102.20 | 50\% | \$51.10 |
| Атт00278 | Trane | enclosure; NOISE, (1-CYL), $12.51 \mathrm{ID}, 15.50 \mathrm{HEIGHT}$ | Атт00278 | 1 | \$99.70 | 50\% | \$49.85 |
| Атт00285 | Trane | enclosure; Noise, (2-CYL), 14.8 IID, 17.50 HEIGHT | ATT00285 | 1 | \$91.66 | 50\% | \$45.83 |
| avas535ExN | Trane | COMPRESSOR; RECIP; TECUMSEH; 3 HP; 35200 BTU/H; HBP/ AIR COND; 208-AVIS | - ava5535ExN | 1 | \$1,114.04 | 50\% | \$557.02 |
| avas538EXN | Trane | COMPRESSOR; RECIP; TECUMSEH; 3 HP; $38400 \mathrm{BTU} / \mathrm{H} ; \mathrm{HBP/} \mathrm{AR} \mathrm{COND;} \mathrm{208-AVI}$ | - Ava5538ExN | 1 | \$1,127.51 | 50\% | \$563.76 |
| AWA24602xD | Trane | COMPRESSOR; RECIPROCATING; TECUMSEH; REFRIGERATION; 1.5 HP; 6300 IA | IAWA2462xD | 1 | \$1,758.36 | 50\% | \$879.18 |
| Ax100 | Trane | V-BELT AX100 Notched 101.3 PL | Ax100 | 1 | \$31.60 | 50\% | \$15.80 |
| Ax105 | Trane | BELT; AX105, 107.2 OD X 106.3 PITCH | Ax105 | 1 | \$35.32 | 50\% | \$17.66 |
| AX21 | Trane | BELT; AX21 NOTCHED 22.3 PL | Ax21 | 1 | \$11.74 | 50\% | \$5.87 |
| Ax22 | Trane | BELT; NOTCHED 23.3 PL | Ax22 | 1 | \$12.21 | 50\% | \$6.11 |
| Ax23 | Trane | V-BELT; NOTCHED 24.3 PL | Ax23 | 1 | \$12.70 | 50\% | \$6.35 |
| AX24 | Trane | V-BELT; AX24 Notched 25.3 PL | AX24 | 1 | \$12.86 | 50\% | \$6.43 |
| AX25 | Trane | V-BELT; NOTCHED 26.3 PL | A $\times 25$ | 1 | \$13.06 | 50\% | \$6.53 |
| AX26 | Trane | BELT; 28.2IN.OUTIIDE Length | A $\times 26$ | 1 | \$11.70 | 50\% | \$5.85 |
| Ax27 | Trane | BELT; NOTCHED 28.3 PL | Ax27 | 1 | \$13.74 | 50\% | \$6.87 |
| Ax28 | Trane | Belt ax28, notcheo, 29.3 PL, 30.2 ol | Ax28 | 1 | \$17.18 | 50\% | \$8.59 |
| Ax29 | Trane | BELT; AX29 NOTCHED 30.3 PL | Ax29 | 1 | \$12.26 | 50\% | \$6.13 |
| AX30 | Trane | BELT; NOTCHED 31.3 PL | A $\times 30$ | 1 | \$14.00 | 50\% | \$7.00 |
| AX31 | Trane | BELT; AX31,33.2IN.OUTSIDE Length | AX31 | 1 | \$14.44 | 50\% | \$7.22 |
| A×32 | Trane | Courroie ax32-LG 33.3 | A $\times 32$ | 1 | \$13.76 | 50\% | \$6.88 |
| AX33 | Trane | BELT; 35.2IN.OUTIIDE LENGTH | AX33 | 1 | \$14.94 | 50\% | \$7.47 |
| AX34 | Trane | BELT; AX34, 36.2 OUTIIDE Length | A $\times 34$ | 1 | \$15.22 | 50\% | \$7.61 |
| AX35 | Trane | BELT; 37.2IN.OUTIDE LENGTH | AX35 | 1 | \$13.18 | 50\% | \$6.59 |
| AX36 | Trane | belt; Ax36,38.2IN.OUTSIDE Length | AX36 | 1 | \$15.70 | 50\% | \$7.85 |
| AX37 | Trane | BeLt; AX37, 39.2 OUTSIDE LENGTH | AX37 | 1 | \$16.38 | 50\% | \$8.19 |
| AX38 | Trane | BELT; (AX), AX38, 40.0 outside Lg. 39.3 Pitch Lg. | AX38 | 1 | \$16.58 | 50\% | \$8.29 |
| AX39 | Trane | V-BELT; AX39 Notched 40.3 PL | AX39 | 1 | \$16.74 | 50\% | \$8.37 |
| Ax40 | Trane | V -BELT NOTCHED 41.3 PL | Ax40 | 1 | \$15.04 | 50\% | \$7.52 |
| AX41 | Trane | V-BELT; AX41 NOTCHED 42.3 PL | AX41 | 1 | \$17.36 | 50\% | \$8.68 |
| Ax42 | Trane | BELT; 44.2 OUTSIDE Length | Ax42 | 1 | \$14.84 | 50\% | \$7.42 |
| Ax43 | Trane | BELT; V, 45.2 Od 44.3 PITCH | Ax43 | 1 | \$17.74 | 50\% | \$8.87 |
| Ax44 | Trane | V-BELT; NOTCHED 45.3 PL | Ax44 | 1 | \$15.22 | 50\% | \$7.61 |
| AX45 | Trane | V-BELT; AX45 NOTCHED 46.3 PL | Ax45 | 1 | \$18.06 | 50\% | \$9.03 |
| Ax46 | Trane | BELT; 48.2 OD X 47.3 PITCH | Ax46 | 1 | \$15.48 | 50\% | \$7.74 |
| Ax47 | Trane | BELT; AX47 NOTCHED 48.3 PL | Ax47 | 1 | \$18.42 | 50\% | \$9.21 |
| Ax48 | Trane | BELT; 50.2 OD X 49.3 PITCH | Ax48 | 1 | \$18.58 | 50\% | \$9.29 |
| Ax49 | Trane | V-BELT; AX49 NOTCHED 50.3 PL | Ax49 | 1 | \$18.80 | 50\% | \$9.40 |
| Ax50 | Trane | V-BELT; Ax50 NOTCHED 51.3 PL | Ax50 | 1 | \$18.84 | 50\% | \$9.42 |
| Ax51 | Trane | COURROIE AX51-53.2 OD 52.3 | Ax51 | 1 | \$19.16 | 50\% | \$9.58 |
| Ax52 | Trane | BELT; $0.5 \times 16.375$ Length | Ax52 | 1 | \$16.06 | 50\% | \$8.03 |
| Ax53 | Trane | BELT; 55.2 OD $\times 54.3$ PITCH | Ax53 | 1 | \$16.22 | 50\% | \$8.11 |
| Ax54 | Trane | BELT; 56.2 OD X 55.3 PITCH | Ax54 | 1 | \$19.80 | 50\% | \$9.90 |
| Ax55 | Trane | BELT; $57.20 \mathrm{D} \times 56.3$ PITCH | Ax55 | 1 | \$20.02 | 50\% | \$10.01 |
| Ax56 | Trane | BELT; 58.2 OD $\times 57.3$ PITCH | Ax56 | 1 | \$20.22 | 50\% | \$10.11 |
| Ax57 | Trane | V-BELT; Ax57 NOTCHED 58.3 PL | Ax57 | 1 | \$20.42 | 50\% | \$10.21 |
| Ax58 | Trane | V-BELT; Ax58 NOTCHED 59.3 PL | Ax58 | 1 | \$20.58 | 50\% | \$10.29 |
| Ax59 | Trane | V-BELT; AX59 NOTCHED 60.3 PL | Ax59 | 1 | \$20.21 | 50\% | \$10.11 |
| Ax60 | Trane | BELT; 62.2 OD X 61.3 PITCH | Ax60 | 1 | \$21.06 | 50\% | \$10.53 |
| Ax61 | Trane | V-BELT; AX61 NOTCHED 62.3 PL | AX61 | 1 | \$21.38 | 50\% | \$10.69 |
| AX62 | Trane | BELT V (AX62)64.2 OUTSIDE LG | AX62 | 1 | \$21.52 | 50\% | \$10.76 |

The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mouted Inctledl. Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and . products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel ( 1 ), and/or other similar device, which utilize certain pres (e.g. BACNet, LonTalk, Modbus, platforms/systems.
5. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance: and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenance of Integrated Microprocessor-Based HVAC Equipment;

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs .
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
B. Gudio Video equi,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

|  |  |  |  | iranty Period - - of year(s) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | List Pice | \% Discol | Nvs Ne |
| AX63 | Trane | V-BELT; AX63 NOTCHED 64.3 PL | AX63 | 1 | \$21.84 | 50\% | \$10.92 |
| AX64 | Trane | BELT; $66.20 \mathrm{C} \times 65.3$ PITCH | AX64 | 1 | \$22.00 | 50\% | \$11.00 |
| AX65 | Trane | V-BELT; AX65 NOTCHED 66.3 PL | AX65 | 1 | \$22.32 | 50\% | \$11.16 |
| AX66 | Trane | BELT; $68.20 \mathrm{x} \times 67.3$ PITCH | Ax66 | 1 | \$22.48 | 50\% | \$11.24 |
| AX67 | Trane | V-BELT; AX67 NOTCHED 68.3 PL | AX67 | 1 | \$22.80 | 50\% | \$11.40 |
| AX68 | Trane | BELT; V, 70.2 OD 699.3 PITCH | Ax68 | 1 | \$22.94 | 50\% | \$11.47 |
| Ax69 | Trane | V-BELT; AX69 NOTCHED 70.3 PL | Ax69 | 1 | \$23.42 | 50\% | \$11.71 |
| Ax70 | Trane | BELT; AX70, 72.2 OD 77.3 PITCH | Ax70 | 1 | \$23.90 | 50\% | \$11.95 |
| Ax71 | Trane | BELT; $73.20 \mathrm{X} \times 72.3$ PITCH | Ax71 | 1 | \$24.12 | 50\% | \$12.06 |
| Ax72 | Trane | V-BELT; AX72 NOTCHED 73.3 PL | AX72 | 1 | \$24.44 | 50\% | \$12.22 |
| Ax73 | Trane | V-BELT; AX73 NOTCHED 74.3 PL | Ax73 | 1 | \$24.54 | 50\% | \$12.27 |
| AX74 | Trane | V-BELT; AX74 NOTCHED 75.3 PL | AX74 | 1 | \$24.70 | 50\% | \$12.35 |
| Ax75 | Trane | BELT; $77.20 \mathrm{O} \times 76.3$ PITCH | AX75 | 1 | \$20.58 | 50\% | \$10.29 |
| Ax76 | Trane | V-BELT; AX76 NOTCHED 77.3 PL | Ax76 | 1 | \$25.54 | 50\% | \$12.77 |
| Ax77 | Trane | V-BELT AX77 NOTCHED 78.3 PL | Ax77 | 1 | \$25.80 | 50\% | \$12.90 |
| Ax78 | Trane | BELT; AX78 80.2 OD X 79.3 PITCH | Ax78 | 1 | \$26.02 | 50\% | \$13.01 |
| Ax79 | Trane | V-BELT; AX79 NOTCHED 80.3 PL | AX79 | 1 | \$26.34 | 50\% | \$13.17 |
| Ax80 | Trane | BELT; Ax80 82.2 OD X 81.3 PITCH | Ax80 | 1 | \$26.80 | 50\% | \$13.40 |
| AX81 | Trane | V-BELT; AX81 NOTCHED 82.3 PL | Ax81 | 1 | \$27.06 | 50\% | \$13.53 |
| Ax82 | Trane | V-BELT; AX82 NOTCHED 83.3 PL | Ax82 | 1 | \$27.38 | 50\% | \$13.69 |
| Ax83 | Trane | V-BELT AX83 NOTCHED 84.3 PL | Ax83 | 1 | \$28.00 | 50\% | \$14.00 |
| AX84 | Trane | V-BELT AX84 NOTCHED 85.3 PL | Ax84 | 1 | \$31.14 | 50\% | \$15.57 |
| AX85 | Trane | BELT; AX85 87.2 OD X 86.3 PITCH | Ax85 | 1 | \$28.64 | 50\% | \$14.32 |
| AX86 | Trane | V-BELTAX86 Notched 87.3 PL | Ax86 | 1 | \$29.28 | 50\% | \$14.64 |
| AX87 | Trane | V-BELT AX87 NOTCHED 88.3 PL | Ax87 | 1 | \$29.28 | 50\% | \$14.64 |
| AX88 | Trane | V-BELT; AX88 NOTCHED 89.3 PL | Ax88 | 1 | \$29.64 | 50\% | \$14.82 |
| AX89 | Trane | V-BELT AX89 NOTCHED 90.3 PL | Ax89 | 1 | \$30.22 | 50\% | \$15.11 |
| AX90 | Trane | BELT; $92.20 \mathrm{OD} \times 1.3$ PITCH | AX90 | 1 | \$30.54 | 50\% | \$15.27 |
| Ax91 | Trane | V-BELT; AX91 NOTCHED 92.3 PL | AX91 | 1 | \$31.02 | 50\% | \$15.51 |
| Ax92 | Trane | BeLt; Ax92 | AX92 | 1 | \$31.22 | 50\% | \$15.61 |
| AX96 | Trane | BELT; AX9698.2 OD X 97.3 PITCH | AX96 | 1 | \$35.72 | 50\% | \$17.86 |
| ayagalaoia | Trane | GRILLE; LG ARCHITECTURE ALUMINUM GRILLE | ayagalaoia | 1 | \$162.68 | 50\% | \$81.34 |
| AYHW101 | Trane | KIT; LG HARD WIRE KIt(IIRECT WIRE TO CIRCUIT) | AYHW101 | 1 | \$106.66 | 50\% | \$53.33 |
| AYL101 | Trane | leg; lg leveling leg | AYLL101 | 1 | \$32.00 | 50\% | \$16.00 |
| AYRGALA01 | Trane | GRILLE; LG STAMPED Aluminum grille - single pak | AYRGALAO1 | 1 | \$64.00 | 50\% | \$32.00 |
| AYsb1101A | Trane | BASE LG SUBBASE(230/208V 20A) | AYSB101A | 1 | \$104.73 | 50\% | \$52.37 |
| Arsvb01A | Trane | sleeve lg t2" Wall sleeve | Aysvbo1A | 1 | \$178.68 | 50\% | \$89.34 |
| в00149 | Trane | BELT; V, 7MR5808, 22.9 OUTIIDE LG | B00149 | 1 | \$37.35 | 50\% | \$18.68 |
| B100 | Trane | BELT; 103.0 OD $\times 101.8$ PITCH | B100 | 1 | \$36.02 | 50\% | \$18.01 |
| B101 | Trane | BELT; V-BELT, 102.8 PL | B101 | 1 | \$36.22 | 50\% | \$18.11 |
| в103 | Trane | BELT; 106.0 OD $\times 104.8$ PITCH | B103 | 1 | \$36.64 | 50\% | \$18.32 |
| B105 | Trane | BELT; 108.0 OD $\times 106.8$ PITCH | B105 | 1 | \$37.32 | 50\% | \$18.66 |
| B111 | Trane | BELT; 112.8 PL | B111 | 1 | \$39.80 | 50\% | \$19.90 |
| B112 | Trane | BELT; 115.0 OD $\times 113.8$ PITCH | B112 | 1 | \$40.16 | 50\% | \$20.08 |
| B116 | Trane | BELT; 119.0 OD $\times 117.8$ PITCH | B116 | 1 | \$41.22 | 50\% | \$20.61 |
| B120 | Trane | BELT; 123.0 OD $\times 121.8$ PITCH | B120 | 1 | \$42.26 | 50\% | \$21.13 |
| B124 | Trane | BELT; 127.0 OD $\times 125.8$ PITCH | B124 | 1 | \$43.64 | 50\% | \$21.82 |
| B128 | Trane | BELT; 131.0 OD $\times 129.8$ PITCH | ${ }^{1228}$ | 1 | \$45.06 | 50\% | \$22.53 |
| B130 | Trane | BELT B130 HI POWER II BELT | B130 | 1 | \$46.85 | 50\% | \$23.43 |
| в133 | Trane | BELT; 136.0 OD $\times 134.8$ PITCH | в133 | 1 | \$47.22 | 50\% | \$23.61 |
| ${ }^{136}$ | Trane | BELT; 139.0 OD $\times 137.8$ PITCH | B136 | 1 | \$48.00 | 50\% | \$24.00 |
| B140 | Trane | BELT; 143.00 O 141.8 PITCH | B140 | 1 | \$49.26 | 50\% | \$24.63 |
| B144 | Trane | BELT; B144 147.0 OD 14.85 .8 PITCH | B144 | 1 | \$50.64 | 50\% | \$25.32 |
| B154 | Trane | BELT; 157.0 OD X 155.8 PITCH | B154 | 1 | \$54.74 | 50\% | \$27.37 |
| B158 | Trane | BELT; B158 161.0 OD X 159.8 PITCH | B158 | 1 | \$54.90 | 50\% | \$27.45 |
| B162 | Trane | BELT; 163.8 PL V-BELT | B162 | 1 | \$56.86 | 50\% | \$28.43 |
| B190 | Trane | BELT; V-TYPE 191.8 PL | B190 | 1 | \$63.76 | 50\% | \$31.88 |
| B25 | Trane | BELT B25 26.8 PLV-BELT | B25 | 1 | \$11.78 | 50\% | \$5.89 |
| B27 | Trane | belt - b27 Hi Power il belt | B27 | 1 | \$12.66 | 50\% | \$6.33 |
| B28 | Trane | BELT; VTYPE 29.8 PL | ${ }^{828}$ | 1 | \$13.90 | 50\% | \$6.95 |
| в30 | Trane | BELT B30 31.8 PLV-BELT | в30 | 1 | \$14.48 | 50\% | \$7.24 |
| в31 | Trane | BELT V TYPE 32.8 PL | B31 | 1 | \$14.74 | 50\% | \$7.37 |
| ${ }^{3} 2$ | Trane | BELT; V TYPE 33.8 PL | B32 | 1 | \$15.00 | 50\% | \$7.50 |
| в33 | Trane | BELT; 34.8 PL | в33 | 1 | \$15.26 | 50\% | \$7.63 |
| в34 | Trane | BELT; | в34 | 1 | \$15.48 | 50\% | \$7.74 |
| в35 | Trane | BELT; ( (B), B35, 38.0 OUTSIDE LG. X 36.8 PITCH LG. | в35 | 1 | \$15.86 | 50\% | \$7.93 |
| в36 | Trane | BELT; V TYPE 37.8 PL, B36 | B36 | 1 | \$16.26 | 50\% | \$8.13 |
| B37 | Trane | BELT; (B), B37, 40.0 OUTSIDE LG. X 38.8 Pitch LG. | в37 | 1 | \$16.80 | 50\% | \$8.40 |
| B38 | Trane | BELT; V 38 | в38 | 1 | \$17.32 | 50\% | \$8.66 |
| в39 | Trane | BELT; B39, OUTSIDE 42.0, PITCH 40.8 | в39 | 1 | \$17.68 | 50\% | \$8.84 |
| в40 | Trane | BELT; OUTSIDE 43.0, PITCH 41.8 | B40 | 1 | \$18.00 | 50\% | \$9.00 |
| B41 | Trane | BELT; 44.0IN.OUTSIDE LENGTH | B41 | 1 | \$18.42 | 50\% | \$9.21 |
| B42 | Trane | BELT; 45.0 OD X 43.8 PITCH | B42 | 1 | \$18.78 | 50\% | \$9.39 |
| в43 | Trane | BELT; B43,46.0IN.OUTSIDE LENGTH | B43 | 1 | \$19.16 | 50\% | \$9.58 |
| B44 | Trane | BEIT; 47.0 od 45.8 PITCH | 844 | 1 | \$16.44 | 50\% | \$8.22 |
| ${ }^{845}$ | Trane | BELT; $21 / 32 \times 7 / 16,48.0$ OUTSIDE LENGTH, 46.8 PITCH LENGTH | ${ }^{845}$ | 1 | \$19.86 | 50\% | \$9.93 |
| B46 | Trane | BELT; $49.00 \mathrm{OD} \times 47.8 \mathrm{PITCH}$ | B46 | 1 | \$16.84 | 50\% | \$8.42 |
| B47 | Trane | BELT; | B47 | 1 | \$20.52 | 50\% | \$10.26 |
| B48 | Trane | BELT; $51.00 \mathrm{OD} \times 49.8$ PITCH | B48 | 1 | \$17.32 | 50\% | \$8.66 |
| в49 | Trane | BELT; V , 52.0 od $\times 50.8$ PITCH | в49 | 1 | \$21.16 | 50\% | \$10.58 |
| B50 | Trane | BELT; 53.0 OD $\times 51.8$ PITCH | B50 | 1 | \$17.74 | 50\% | \$8.87 |
| ${ }^{6} 51$ | Trane | BELT; 54.0 OD $\times 52.8$ PITCH | B51 | 1 | \$21.74 | 50\% | \$10.87 |
| ${ }^{5} 5$ | Trane | BELT; 55.0 OD X 53.8 PITCH | ${ }^{85} 2$ | 1 | \$18.18 | 50\% | \$9.09 |
| B53 | Trane | BELT; 85356.0 OD $\times 54.8$ PITCH | ${ }^{85}$ | 1 | \$22.10 | 50\% | \$11.05 |
| B54 | Trane | BELT; 57.0 OD X 55.8 PITCH | B54 | 1 | \$18.44 | 50\% | \$9.22 |
| B55 | Trane | BELT; 58.0 OD $\times 56.8$ PITCH | B55 | 1 | \$22.48 | 50\% | \$11.24 |
| B56 | Trane | BELT; 59.0 OD X 57.8 PITCH | ${ }^{856}$ | 1 | \$18.64 | 50\% | \$9.32 |
| 857 | Trane | BELT; V, 60.0 od $\times 58.8$ PITCH | 857 | 1 | \$22.74 | 50\% | \$11.37 |
| B58 | Trane | BELT; (B), 61.0 OUTSIDE LG. x 59.8 PITCH LG. | ${ }^{858}$ | 1 | \$30.55 | 50\% | \$15.28 |
| B59 | Trane | BELT; 65962.0 OD 60.8 PITCH | в59 | 1 | \$23.06 | 50\% | \$11.53 |
| B60 | Trane | BELT; $63.00 \mathrm{O} \times 61.8 \mathrm{PITCH}$ | B60 | 1 | \$23.22 | 50\% | \$11.61 |
| ${ }^{6} 1$ | Trane | BELT; 64.0 OD $\times 62.8$ PITCH | B61 | 1 | \$19.32 | 50\% | \$9.66 |
| B62 | Trane | BELT; $65.00 \mathrm{D} \times 63.8$ PITCH | B62 | 1 | \$19.52 | 50\% | \$9.76 |
| B63 | Trane | BELT; $66.00 \mathrm{O} \times 64.8$ PITCH | ${ }^{6} 63$ | 1 | \$24.12 | 50\% | \$12.06 |
| 864 | Trane | BELT; $67.00 \mathrm{O} \times 65.8$ PITCH | B64 | 1 | \$19.94 | 50\% | \$9.97 |
| B65 | Trane | BELT; $68.00 \mathrm{OD} \times 66.8$ PITCH | B65 | 1 | \$25.96 | 50\% | \$12.98 |
| ${ }^{666}$ | Trane | BELT; 86669.00 Cx 67.8 PITCH | B66 | 1 | \$20.42 | 50\% | \$10.21 |
| B67 | Trane | BELT; 70.0 OD X 68.8 PITCH | 867 | 1 | \$25.16 | 50\% | \$12.58 |
| B68 | Trane | BELT; 71.0 OD X 69.8 PITCH | B68 | 1 | \$20.48 | 50\% | \$10.24 |
| B69 | Trane | BELT; (B), 72.0 OUTSIDE LG. $\times 70.8$ PITCH LG. | B69 | 1 | \$20.70 | 50\% | \$10.35 |
| в70 | Trane | BELT; 73.00D X 71.8 PITCH | в70 | 1 | \$26.06 | 50\% | \$13.03 |
| B71 | Trane | BELT; $74.00 \mathrm{OX} \times 2.8 \mathrm{PITCH}$ | B71 | 1 | \$26.36 | 50\% | \$13.18 |
| ${ }^{872}$ | Trane | BELT; V (B), 75.0 OUTSIIDE LG x 73.8 PITCH LG | B72 | 1 | \$26.70 | 50\% | \$13.35 |
| в73 | Trane | BELT; 76.0 00 X 74.8 PITCH | B73 | 1 | \$27.02 | 50\% | \$13.51 |
| B74 | Trane | BELT; V, 77.0 OD $\times 75.8$ PITCH | B74 | 1 | \$27.38 | 50\% | \$13.69 |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. . BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated
Microprocessor-Controled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems. Microprocessor-Controiled HAC Equipment in a building or faciinty. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
. Itegroted Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handers, fan coil, unit ventilator, heat pump, reme I/O modules, etc. which are Factory-Morded HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integra products by the authorized user.
products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned instalation, systems integration, or maintenace of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs owers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
A. General Purpose I, Tecommumicaions, Nerw Cabling,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


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|  |  |  |  |  | List Pice | \% Discoum | Nvs Nel Pr |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BkR00005 | Trane | FILTRE Anti-Emulision | BKR00005 | 1 | \$85.07 | 50\% | \$42.54 |
| BkR00116 | Trane | breaker circuit min 100ac | BkR00116 | 1 | \$224.82 | 50\% | \$112.41 |
| BkR00136 | Trane | disjoncteur - 50V | BKR00136 | 1 | \$282.74 | 50\% | \$141.37 |
| вкRо0244 | Trane | relais rearmement manuel | вкR00244 | 1 | \$271.15 | 50\% | \$135.58 |
| вкR00246 | Trane | breakercircuit, 225A,240V, w/LIne end terminals | вкR00246 | 1 | \$1,540.05 | 50\% | \$77.03 |
| вквооз24 | Trane | BREAKER;CIRCUIT | вкRооз24 | 1 | \$648.25 | 50\% | \$324.13 |
| вкR00359 | Trane | BREAKER; CIRCUIT, $35 \mathrm{~A}, 3 \mathrm{P}, 480 \mathrm{~V}$, TIME delay | BкR00359 | 1 | \$377.23 | 50\% | \$188.62 |
| вкRо0361 | Trane | BREAKER; CIRCUIT, 51.8 A 3 P, 480 V , TIME DELAY | вкRо0361 | 1 | \$377.40 | 50\% | \$188.70 |
| вкRо0362 | Trane | Breaker;ilicuit | вкR00362 | 1 | \$645.96 | 50\% | \$322.98 |
| BKR00402 | Trane | BREAKER; CIRCUIT, 25.2A | BKR00402 | 1 | \$579.21 | 50\% | \$289.61 |
| вкRo0404 | Trane | BREAKER; CIRCUIT, 40.6 A 3 P, 480 V , TIME DeLAY | BкR00404 | 1 | \$378.00 | 50\% | \$189.00 |
| вкR00613 | Trane | BREAKER, CIICUIT, 58.0 AMP, 240 VOLT | вкR00613 | 1 | \$128.49 | 50\% | \$64.25 |
| вкR00614 | Trane | BREAKER; CIRCUIT, 25.5 Amp, 480 Volt | BkR00614 | 1 | \$288.98 | 50\% | \$144.49 |
| вкR00618 | Trane | BREAKER; CIRCUIT, 480 VOLT, MUST HOLD 33 AMPS, MUST TRIP 38 AMPS | вкR00618 | 1 | \$228.10 | 50\% | \$114.05 |
| вкRо0673 | Trane | BREAKER; CIRCUIT, 480V, 24.4A, 3 POLE | вкRо0673 | 1 | \$253.86 | 50\% | \$126.93 |
| вкR00724 | Trane | DISJONCTEUR 20AMP 240 V 1 POLE | вкR00724 | 1 | \$85.67 | 50\% | \$42.84 |
| BKR00755 | Trane | BREAKER; CIRCUTT 58.0A, 240V, 3 P | BKR00755 | 1 | \$241.89 | 50\% | \$120.95 |
| BKR00808 | Trane | breaker circuit, 4A | BKR00808 | 1 | \$122.66 | 50\% | \$61.33 |
| вкRоо829 | Trane | BREAKER;CIRCUIT, 58.0A 240V 3P CKT | вкRо0829 | 1 | \$252.00 | 50\% | \$126.00 |
| вкRоо830 | Trane | DISJONCTEUR 25.3A 480V 3 P | вкRоо830 | 1 | \$268.61 | 50\% | \$134.31 |
| BkRo0834 | Trane | BREAKER; CIRCUIT 84.7A 240 V 30 CKT | BkR00834 | 1 | \$238.39 | 50\% | \$119.20 |
| вкRоо835 | Trane | BREAKER; CIRCUIT, 36.8A 480V 3P CKT | вкRо0835 | 1 | \$210.67 | 50\% | \$105.34 |
| вкRоо836 | Trane | BREAKER;CIRCUIT, 84.7A 240V 3P CKT | вкRо0836 | 1 | \$544.74 | 50\% | \$272.37 |
| BкR00843 | Trane | BREAKER; CIRCUIT, 30A, 600V, 3P | BкR00843 | 1 | \$552.26 | 50\% | \$276.13 |
| BkR00844 | Trane | BREAKER; CIRCUIT, 35A, 600v, 3P | BKR00844 | 1 | \$550.36 | 50\% | \$275.18 |
| BkRoo845 | Trane | BREAKER; CIRCUIT, 40A, 500V, 3P | BкR00845 | 1 | \$499.30 | 50\% | \$249.65 |
| BKR00846 | Trane | BREAKER; CIRCUIT, 45A, 600V, 3P | BKR00846 | 1 | \$529.93 | 50\% | \$264.97 |
| BKR00847 | Trane | BREAKER; CIRCUIT, 50A, 600v, 3P | BKR00847 | 1 | \$287.09 | 50\% | \$143.55 |
| вкRо0848 | Trane | BREAKER CIRCUIT, 60A, 600v, 3P | вкRо0848 | 1 | \$246.95 | 50\% | \$123.48 |
| вкRоо849 | Trane | BREAKER; CIRCUIT, 70A, 600v, 3P | вкRо0849 | 1 | \$194.41 | 50\% | \$97.21 |
| вкRо0851 | Trane | BREAKER; CIRCUIT, 90A, 600V, 3P | BкR00851 | 1 | \$659.33 | 50\% | \$329.67 |
| вкRоо944 | Trane | BREAKER; CIRCUIT, 51.8A, 240V, 3 POLE | вкRоо944 | 1 | \$264.18 | 50\% | \$132.09 |
| вкRоо945 | Trane | DISJONCTEUR, 24.4A, 480V, | вкRо0945 | 1 | \$213.33 | 50\% | \$106.67 |
| вкRоо947 | Trane | BREAKER; CIRCUIT, 58,9A, 240V, 3 POLE | вкRо0947 | 1 | \$257.16 | 50\% | \$128.58 |
| BkR01010 | Trane | BREAKER CIRCUIT, 2A, $250 \mathrm{VVAC}, 25 \mathrm{Q}$ Q.C., 100 MEGOHM | BkR01010 | 1 | \$101.23 | 50\% | \$50.62 |
| BkR01053 | Trane | BREAKER; CIRCUIT, 49.7 AMPS, 240V | BkR01053 | 1 | \$460.05 | 50\% | \$230.03 |
| вкR01055 | Trane | disoncteur | вкR01055 | 1 | \$243.66 | 50\% | \$121.83 |
| BkR01075 | Trane | BREAKER; CIRCUIT 1200 AMPS, 80\% 65KAIC, SHUNT TRIP, LINE SIDE TERMIN, | вкR01075 | 1 | \$49,175.45 | 50\% | \$24,587.73 |
| BKR01119 | Trane | BREAKER CKT, 24.6A, 480V, 3P, 60HZ, HI-EFFICIENCY | BKR01119 | 1 | \$492.31 | 50\% | \$246.16 |
| вкR01213 | Trane | Breaker; 18 A 480 V 32 PoLe w/LUG terminals | вкR01213 | 1 | \$183.54 | 50\% | \$91.77 |
| вкR01563 | Trane | BREAKER; CIRCUIT, 240V, 3 -Pole, 18.5 TRIP AMPS | вкR01563 | 1 | \$1,084.76 | 50\% | \$542.38 |
| BkR01603 | Trane | BREAKER CIRCUIT, 41.9 Amps, 488 VOLT, 3 POLE, 41.9 AMP - MUST HOLD, 6 6 | bkR01603 | 1 | \$369.58 | 50\% | \$184.79 |
| вкR01605 | Trane | BREAKER; CIRCUIT, 65.2 AMPS, 480 VOLT, 3 POLE, 56.7 AMP - MUST HOLD, 6 | BkR01605 | 1 | \$166.81 | 50\% | \$83.41 |
| вкR01633 | Trane | disoncteur circuit | вкR01633 | 1 | \$2,337.43 | 50\% | \$1,168.72 |
| BKR01643 | Trane | disjoncteur 15 AMP UnIPolatre | BкR01643 | 1 | \$70.12 | 50\% | \$35.06 |
| BKR01647 | Trane | BREAKER; CIRCUIT, 60 AMP | BKR01647 | 1 | \$226.27 | 50\% | \$113.14 |
| BKR01669 | Trane | BREAKER CIRCUIT 230/208/265V, 20A | BKR01669 | 1 | \$110.00 | 50\% | \$55.00 |
| вкR01730 | Trane | BREAKER; | вкR01730 | 1 | \$886.41 | 50\% | \$443.21 |
| вкR01752 | Trane | BREAKER; CIRCUIT, 15A, 600v, 3P | BKR01752 | 1 | \$392.68 | 50\% | \$196.34 |
| вкR01754 | Trane | breaker | вкR01754 | 1 | \$392.68 | 50\% | \$196.34 |
| вкR01755 | Trane | breaker | вкR01755 | 1 | \$392.68 | 50\% | \$196.34 |
| BkR01757 | Trane | BREAKER E 3P 60A 25 KA @ 415 \& 480V FIXED THERMAL, FIXED MAG | BKR01757 | 1 | \$431.94 | 50\% | \$215.97 |
| BKR01760 | Trane | breaker 90a 600V 3 Pole | BKR01760 | 1 | \$477.31 | 50\% | \$238.66 |
| BKR01761 | Trane | BREAKER | BKR01761 | 1 | \$475.69 | 50\% | \$237.85 |
| BKR01786 | Trane | breaker; CIRCUIT 350A 600V 3P W/o Lugs | BKR01786 | 1 | \$1,932.52 | 50\% | \$966.26 |
| вкR01809 | Trane | BREAKER; CIRCUIT 400A 600V 3P GFI W/O LUGS | вкR01809 | 1 | \$7,722.33 | 50\% | \$3,861.17 |
| BkR01857 | Trane | BREAKER CIRCUIT, 3 POLE, $600 \mathrm{~V}, 178$ LRA, 36.4 AMPS | BKR01857 | 1 | \$336.83 | 50\% | \$168.42 |
| вкR01979 | Trane | BREAKER CIRCUIT BREAKER, 20A, 480V, 3POLE | вкR01979 | 1 | \$490.57 | 50\% | \$245.29 |
| вкR01991 | Trane | breaker; Manual motor starter, 11.00-17.00 amp | вкR01991 | 1 | \$87.41 | 50\% | \$43.71 |
| BкR02343 | Trane | BREAKER; CIRCUIT, 30 AMP | вкR02343 | 1 | \$54.40 | 50\% | \$27.20 |
| BKR02371 | Trane | breaker; MAnUAL Motor starter, 22.00-32.00 Amp | BKR02371 | 1 | \$178.17 | 50\% | \$89.09 |
| BLD00637 | Trane | blade; Fan, 4, ST, 20IN. DIA, 26 DEG PITCH, cCW, 50 bore, discharge loc | bLDo0637 | 1 | \$118.51 | 50\% | \$59.26 |
| BLD00645 | Trane | BLADE;OUTSIDE AIR | BLD00645 | 1 | \$749.14 | 50\% | \$374.57 |
| BLD00705 | Trane | blade;BAROMETRIC Rellef | BLD00705 | 1 | \$428.00 | 50\% | \$214.00 |
| BLD00718 | Trane | blade;barometric rellef, $33.75 \times 12.92$ | BLD00718 | 1 | \$609.05 | 50\% | \$304.53 |
| BLD00753 | Trane | BLADEASSY-DAMPER, L.H. \& R.H. | BLD00753 | 1 | \$408.20 | 50\% | \$204.10 |
| BLD00785 | Trane | BLADE FRESH AIR DAMPER | BLD00785 | 1 | \$206.00 | 50\% | \$103.00 |
| вLDоо979 | Trane | BLADE ECONOMIZER DAMPER 21.9 x | BLDoo979 | 1 | \$148.73 | 50\% | \$74.37 |
| BLDoo996 | Trane | BLADE; BI-METAL REPCIPROCATING SAW BLADE, 9" 6 6T Wood and nall | BLD00996 | 1 | \$6.40 | 50\% | \$3.20 |
| BLD01012 | Trane | BLADE; ECONOMIZER DAMPER, $30.80 \times 11.00$ | BLD01012 | 1 | \$115.42 | 50\% | \$57.71 |
| BLD01013 | Trane | volet barometric rellef | BLD01013 | 1 | \$211.35 | 50\% | \$105.68 |
| BLD01046 | Trane | BLADE UTLITY KNIFE BLADE, 5 PACK | BLD01046 | 1 | \$4.70 | 50\% | \$2.35 |
| BLD01047 | Trane | blade return air economizer | BLD01047 | 1 | \$56.38 | 50\% | \$28.19 |
| BLD01048 | Trane | blade return air economizer | BLD01048 | 1 | \$70.71 | 50\% | \$35.36 |
| BLD01128 | Trane | blade; FAn blade assy, Skinny iv | BLD01128 | 1 | \$361.53 | 50\% | \$180.77 |
| вLкоооо4 | Trane | block; terminal, | вLкоооо4 | 1 | \$61.24 | 50\% | \$30.62 |
| вLко0073 | Trane | BLOCK; FUSE, 60A/600V, 3 POLE | вLко0073 | 1 | \$118.28 | 50\% | \$59.14 |
| BLK00148 | Trane | BLOCK TERMINAL,30A, 300V, 4 POLE | вLK00148 | 1 | \$36.02 | 50\% | \$18.01 |
| вLK00288 | Trane | block terminal 3 Pole 20 Amp | вLк00288 | 1 | \$10.99 | 50\% | \$5.50 |
| вเкооззз | Trane | BLOCK;TERMINAL STRIP | вเкооз4з | 1 | \$402.74 | 50\% | \$201.37 |
| вLкооз62 | Trane | BORNE PUISSANCE 175AMP 600V | вLкооз62 | 1 | \$62.66 | 50\% | \$31.33 |
| вLкооз74 | Trane | BLOCK; FUSED, 31-60A, 600v,3P | вLкооз74 | 1 | \$73.91 | 50\% | \$36.96 |
| вLкооз75 | Trane | BLOCK; FUSE, 3 PoLE, 31-60 AMP, 300 Volt | вккооз75 | 1 | \$82.08 | 50\% | \$41.04 |
| вккооз89 | Trane | BLOCK;FUSE, 101-200A, 250/300V | вLкооз89 | 1 | \$876.56 | 50\% | \$438.28 |
| вLK00391 | Trane | BLOCK; FUSE, 3P, 101-200A, 600V | вLко0з91 | 1 | \$277.35 | 50\% | \$138.68 |
| BLK00492 | Trane | Block, Terminal 22P | вLк00492 | 1 | \$31.71 | 50\% | \$15.86 |
| BLK00496 | Trane | BLOCK; 22-POLE TERMINAL | вLко0496 | 1 | \$73.06 | 50\% | \$36.53 |
| BLK00497 | Trane | BLOCK; INSULATOR, TERMINAL | вLко0497 | 1 | \$5.56 | 50\% | \$2.78 |
| вкко0508 | Trane | BLOCK; TERMINAL, 50A, 600V | вLко0508 | 1 | \$11.12 | 50\% | \$5.56 |
| BLK00518 | Trane | BLOCK; TERMINAL, 25 AMP, 110v | вLко0518 | 1 | \$41.32 | 50\% | \$20.66 |
| вLко0542 | Trane | block terminal, 3 Pole | вLкоо542 | 1 | \$199.39 | 50\% | \$99.70 |
| BLK00588 | Trane | BLOCk; BEARING (STOP) 2-1/8 | вLK00588 | 1 | \$43.23 | 50\% | \$21.62 |
| вLK00590 | Trane | BLOCK BEARING (STOP) 2-7/16 | вLK00590 | 1 | \$162.95 | 50\% | \$81.48 |
| вLK00843 | Trane | BLOCK; TERMINAL, 1 POLE, 30 AMP, 600 VOLT | вLK00843 | 1 | \$72.83 | 50\% | \$36.42 |
| вLко0855 | Trane | bloc de jonction | вLко0855 | 1 | \$35.50 | 50\% | \$17.75 |
| вкко0886 | Trane | block; 3 Pole, 40 Amp, plugable, terminal block | вLко0886 | 1 | \$32.44 | 50\% | \$16.22 |
| вLкоо940 | Trane | block; 6 TERMINALS (LVTB) | вккооя40 | 1 | \$43.98 | 50\% | \$21.99 |
| вLкоо999 | Trane | block terminal (2) | вLкоо999 | 1 | \$6.12 | 50\% | \$3.06 |
| BLK01013 | Trane | BLOCK; 2 POLE, TERMINAL | BLK01013 | 1 | \$103.11 | 50\% | \$51.56 |
| BLK01057 | Trane | в $\quad$ оск; | BLK01057 | 1 | \$131.55 | 50\% | \$65.78 |
| BLк01096 | Trane | block terminal | вLK01096 | 1 | \$79.06 | 50\% | \$39.53 |
| BLK01135 | Trane | BLOCK; FUSIBLE TERMINAL | вLк01135 | 1 | \$42.07 | 50\% | \$21.04 |
| BLк01170 | Trane | BLock switch | вLK01170 | 1 | \$63.41 | 50\% | \$31.71 |
| вLL00504 | Trane | V-BELT; Bx123 NOTCHED 124.8 PL | вLL00504 | 1 | \$57.22 | 50\% | \$28.61 |
| BLL00947 | Trane | BELT V-BELT, 22INCH | вL.00947 | 1 | \$18.00 | 50\% | \$9.00 |

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|  |  | uct Desaripition |  | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54 " | Lst Pice | \% Discount | Nvs Nat Pitce |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BOF00477 | Trane | BLOCKOFF; 2 IN, ACCORDIAN STYLE, FLITER | BOF00477 | 1 | \$83.52 | 50\% | \$41.76 |
| BOF00478 | Trane | BLOCKOFF; 2 IN., ACCORDIAN STYLE, FLITER | BoF00478 | 1 | \$83.94 | 50\% | \$41.97 |
| BoF00658 | Trane | BLOCKOFF \#6 OR 21, FITER | BoF00658 | 1 | \$28.42 | 50\% | \$14.21 |
| BоF00850 | Trane | BLOCKOFF; FLLTER,16IN.ACCORDION STYLE | B0F00850 | 1 | \$83.24 | 50\% | \$41.62 |
| вог01303 | Trane | BLOCKOFF; PRE-FLITER ADJUSTABLE, FlLTER | B0F01303 | 1 | \$31.45 | 50\% | \$15.73 |
| Bof01323 | Trane | blockoff; BAG/CARTRIDGE FlLTer | Bof01323 | 1 | \$85.44 | 50\% | \$42.72 |
| BOF01344 | Trane | BLOCKOFF; ASSY, AdJustable, Fliter | BOF01344 | 1 | \$89.88 | 50\% | \$44.94 |
| Bof01347 | Trane | BLOCKOFF; ASSY., AdJUSTABLE, \#14, FlLTER | Bof01347 | 1 | \$92.84 | 50\% | \$46.42 |
| BoF01355 | Trane | BLOCKOFF; MCCB \#12, VERTICAL COIL MODIFIED $61.40 \times 10.15$ | Bof01355 | 1 | \$108.82 | 50\% | \$54.41 |
| BoF01402 | Trane | blockoff; RETURN AIR ASSEMBLY WITH HINGES | BoF01402 | 1 | \$802.74 | 50\% | \$401.37 |
| BоF01591 | Trane | blockoff - Lower economizer | BoF01591 | 1 | \$95.12 | 50\% | \$47.56 |
| Bof01616 | Trane | blockoff - Lower economizer | Bof01616 | 1 | \$321.32 | 50\% | \$160.66 |
| BoF01669 | Trane | blockoff barometric relie (duct blockoff Plate), $18.0 \times 7.0$ | BoF01669 | 1 | \$221.36 | 50\% | \$110.68 |
| BOF01675 | Trane | Blockoff; BUMPER, TUBE FOR RAM-5 | BOF01675 | 1 | \$20.00 | 50\% | \$10.00 |
| BOF01735 | Trane | BLOCKOFF; ACCORDIAN TYPE, MCCB 2 " FLAT FLITER | B0F01735 | 1 | \$83.46 | 50\% | \$41.73 |
| BOF01800 | Trane | BLOCKOFF; MATCHED PAIR, 21.29 LONG, FLITER | BoF01800 | 1 | \$84.74 | 50\% | \$42.37 |
| Bof01801 | Trane | BLOCKOFF; MATCHED PAIR, 23.25 LONG, FILTER | Bof01801 | 1 | \$87.14 | 50\% | \$43.57 |
| Bof01804 | Trane | BLOCKOFF; MATCHED PAIR, 11.409 LoNG, FILTER | BoF01804 | 1 | \$82.64 | 50\% | \$41.32 |
| BoF01805 | Trane | BLOCKOFF; MATCHED PAR, $11.40 \times 11.625$, FlTer | Bof01805 | 1 | \$94.48 | 50\% | \$47.24 |
| BoF01810 | Trane | BLOCKOFF; MATCHED PAIR, 11.28 LONG, FLITER | BoF01810 | 1 | \$88.12 | 50\% | \$44.06 |
| BOF02030 | Trane | BLOCKOFF COIL, TOP FULL, VUVE100 | BOF02030 | 1 | \$71.20 | 50\% | \$35.60 |
| BON00006 | Trane | "Tete de vanne - dia $3 / 4$ "' | BONOOOO6 | 1 | \$340.39 | 50\% | \$170.20 |
| вото0011 | Trane | Bottle; FLASK POLYPROPELENE | вото0011 | 1 | \$105.84 | 50\% | \$52.92 |
| вото0012 | Trane | Bottle; Flask hydrometer cylinder | вото0012 | 1 | \$93.37 | 50\% | \$46.69 |
| Box00204 | Trane | box;Assemblr,flue gasket | Box00204 | 1 | \$465.06 | 50\% | \$232.53 |
| Box00206 | Trane | BOX; FLUE | Box00206 | 1 | \$4,971.42 | 50\% | \$2,485.71 |
| B0X00407 | Trane | BOX; FLUE, $12.25 \times 9.53 \times 2.00$ | B0x00407 | 1 | \$104.34 | 50\% | \$52.17 |
| B0X00451 | Trane | BoX;FLUE | Box00451 | 1 | \$69.35 | 50\% | \$34.68 |
| B0x00454 | Trane | BoX;ASSEMBly, flue | B0x00454 | 1 | \$80.40 | 50\% | \$40.20 |
| B0х00467 | Trane | BOX;CONTROL | B0x00467 | 1 | \$254.00 | 50\% | \$127.00 |
| Box00580 | Trane | BoX; FLUE COLLECTOR | Box00580 | 1 | \$16.84 | 50\% | \$8.42 |
| Box00602 | Trane | box Compressor junction | Box00602 | 1 | \$1,360.63 | 50\% | \$680.32 |
| BOX01404 | Trane | BOX; DIRECT VENT | Box01404 | 1 | \$31.39 | 50\% | \$15.70 |
| B0X01405 | Trane | BOX; DIRECT VENT | BOX01405 | 1 | \$34.36 | 50\% | \$17.18 |
| BOX01465 | Trane | BOX; 4 INCH STEEL SQUARE OUTLET BOX, $21 / 8$ INCH DEEP, $1 / 2$ INCH AND $3 /$ | B0x01465 | 1 | \$4.10 | 50\% | \$2.05 |
| BOX01472 | Trane | BOX; STANDARD STEEL HANDY BOX, $21 / 8 \mathrm{INCH}$ DEEP, $1 / 2$ INCH K.O.S. | B0x01472 | 1 | \$3.80 | 50\% | \$1.90 |
| Box01746 | Trane | box control panel box | Box01746 | 1 | \$69.14 | 50\% | \$34.57 |
| Box02081 | Trane | Box 18 COMPARTMENT PARTS | Box02081 | 1 | \$39.68 | 50\% | \$19.84 |
| Box02102 | Trane | BOX 6 COMPARTMENT PARTS | Box02102 | 1 | \$35.11 | 50\% | \$17.56 |
| B0x02103 | Trane | BOX 12 COMPARTMENT PARTS | Box02103 | 1 | \$38.44 | 50\% | \$19.22 |
| B0X02128 | Trane | BOX; TERMINAL BOX $258 \times 208$ MM, INCLUDES COVER, SY/Sz240-380 \& SH2 | . Box02128 | 1 | \$157.38 | 50\% | \$78.69 |
| BRD00402 | Trane | board; RLAAY dRIVE | BRD00402 | 1 | \$662.75 | 50\% | \$331.38 |
| BRDO0453 | Trane | BORNIER 6 FIL 15.80 X | BRDOO453 | 1 | \$1,040.12 | 50\% | \$520.06 |
| BRDO0457 | Trane | BOARD; TERMINAL, 6 LEADS, $11.80 \times 20.80$ | BRD00457 | 1 | \$1,563.96 | 50\% | \$781.98 |
| BRDO0458 | Trane | BOARD; TERMINAL, 3 LEADS, $23.30 \times 11.80$ | BRD00458 | 1 | \$1,262.34 | 50\% | \$631.17 |
| BRDO0459 | Trane | board terminal 6 Leads | BRD00459 | 1 | \$1,272.20 | 50\% | \$636.10 |
| BRDO0477 | Trane | Board;terminal, 11 Pole | BRD00477 | 1 | \$13.09 | 50\% | \$6.55 |
| BRDoo599 | Trane | PLATINE CIRCUIT IMPRIME - RECH | BRDOO599 | 1 | \$818.22 | 50\% | \$409.11 |
| BRDO0605 | Trane | PLATINE CIRCUIT W/CHANGEOVER | BRD00605 | 1 | \$857.49 | 50\% | \$428.75 |
| BRD00613 | Trane | board; defrost, PRINTED CIRCUIT | BRD00613 | 1 | \$590.72 | 50\% | \$295.36 |
| BRD00643 | Trane | BOARD;P.C.(POWER SUPPLY) | BRD00643 | 1 | \$1,167.76 | 50\% | \$583.88 |
| BRDO0682 | Trane | board; line time clock, 120 Volt | BRD00682 | 1 | \$782.70 | 50\% | \$391.35 |
| BRD00741 | Trane | platine interface thermostat | BRDOO741 | 1 | \$187.27 | 50\% | \$93.64 |
| BRD00745 | Trane | boardprinted circuit, the potentiometer on this board cannot be | brDo0745 | 1 | \$9,021.28 | 50\% | \$4,510.64 |
| BRDoо933 | Trane | BOARD; ISOLATED COM 3 | BRDo0933 | 1 | \$1,402.50 | 50\% | \$701.25 |
| BRDO0955 | Trane | BOARD; FAN, RH | BRD00955 | 1 | \$803.15 | 50\% | \$401.58 |
| BRDO0957 | Trane | BOARD; FAN, LH | BRD00957 | 1 | \$867.81 | 50\% | \$433.91 |
| BRDO0958 | Trane | board; fan, rh or Lh | BRDOO958 | 1 | \$583.16 | 50\% | \$291.58 |
| BRDoo959 | Trane | board; fan, rh or Lh | BRDOO959 | 1 | \$1,817.70 | 50\% | \$908.85 |
| BRDOO968 | Trane | board; Conventional thermostat interface (Baycthioulca) | BRD00968 | 1 | \$216.02 | 50\% | \$108.01 |
| BRDOO986 | Trane | Board, integrated commutated motor control | BRD00986 | 1 | \$514.29 | 50\% | \$257.15 |
| BRDoog90 | Trane | BOARD; UPCM BINARY INPUT | BRDOO990 | 1 | \$393.43 | 50\% | \$196.72 |
| BRD00992 | Trane | BOARD; UPCM ANALOG OUTPUT W/O OVERRIDE | BRD00992 | 1 | \$1,128.32 | 50\% | \$564.16 |
| вRDoo993 | Trane | BOARD; UPCM BINARY OUTPUT W/ OVERRIDE | BRDOO993 | 1 | \$944.42 | 50\% | \$472.21 |
| BRDoo994 | Trane | BOARD; UPCM BINARY OUTPUT W/O OVERRIDE | BRDoog94 | 1 | \$684.78 | 50\% | \$342.39 |
| BRD01012 | Trane | BOARD; COMbo, with override | BRDO1012 | 1 | \$1,268.07 | 50\% | \$634.04 |
| BRD01035 | Trane | Board fan assy, Horizontal, 1000 CFm | BRDO1035 | 1 | \$1,734.65 | 50\% | \$867.33 |
| BRD01036 | Trane | BOARD FAN ASSY, Horizontal, 1250 CFM | BRD01036 | 1 | \$1,868.18 | 50\% | \$934.09 |
| BRD01037 | Trane | Board fan assy, Horizontal, 1500 CFM | BRDO1037 | 1 | \$2,562.56 | 50\% | \$1,281.28 |
| BRD01076 | Trane | board; Retrofit tuc, standard ambient | BRD01076 | 1 | \$1,682.32 | 50\% | \$841.16 |
| BRD01168 | Trane | BOARD; PRINTED CIRCUIT | BRD01168 | 1 | \$368.68 | 50\% | \$184.34 |
| BRD01254 | Trane | module timee logiv | BRDO1254 | 1 | \$1,391.54 | 50\% | \$695.77 |
| BRD01263 | Trane | board dual/ri main connection | BRDO1263 | 1 | \$299.86 | 50\% | \$149.93 |
| BRD01335 | Trane | board; main Connection, 24Vac, $50 / 60 \mathrm{~Hz}$ W/MOunting | BRDO1335 | 1 | \$326.99 | 50\% | \$163.50 |
| BRD01670 | Trane | Board; COMM5, BCU II | BRD01670 | 1 | \$1,426.00 | 50\% | \$713.00 |
| BRD01672 | Trane | BOARD; BMTW BCU I/O | BRDO1672 | 1 | \$865.04 | 50\% | \$432.52 |
| BRD01701 | Trane | BOARD; COM-5 REPEATER | BRD01701 | 1 | \$630.32 | 50\% | \$315.16 |
| BRD01728 | Trane | BOARD; VT2CCP CSO V2. 2 | BRDO1728 | 1 | \$2,767.40 | 50\% | \$1,383.70 |
| BRD01816 | Trane | BOARD; CIRCUIT, HEAT MODUL//ExHAUST COMPARATVE ENTHALPY | BRDO1816 | 1 | \$756.56 | 50\% | \$378.28 |
| BRD02079 | Trane | BOARD; PCB US UPCM UNIVERSAL | BRDO2079 | 1 | \$1,037.61 | 50\% | \$518.81 |
| BRD02084 | Trane | Board power supply, + --12VDC +5 VVDC | BRDO2084 | 1 | \$164.41 | 50\% | \$82.21 |
| BRD02102 | Trane | BOARD; POWER SUPPLY, CH530, 27 VAC InPUT, 24 VDC OUTPUT | BRDO2102 | 1 | \$324.60 | 50\% | \$162.30 |
| BRD02113 | Trane | BOARD; FAN, $12.318 \times 32.679 \times 18$ GA, SIZE 009-018 | BRDO2113 | 1 | \$156.21 | 50\% | \$78.11 |
| BRD02135 | Trane | BOARD; | BRDO2135 | 1 | \$725.00 | 50\% | \$362.50 |
| BRD02136 | Trane | BOARD; SYSTEM CONTROLLER INTEGRATED ZONE SYSTEM (VERSION 2.8) | BRDO2136 | 1 | \$1,040.60 | 50\% | \$520.30 |
| BRD02147 | Trane | BOARD; PROGRAMMED TRACER ZN.010, 2 PIPE CHANGEOVER, N/O COOLINC | ( BRDO2147 | 1 | \$237.31 | 50\% | \$118.66 |
| BRD02148 | Trane | board; programmed tracer zn.010, 2 PIPE Changeover, n/c cooling | ERDO2148 | 1 | \$232.65 | 50\% | \$116.33 |
| BRD02155 | Trane | BOARD; PROGRAMMED TRACER ZN.010, 4 PIPE, N/O COOLING, N/O HEATIN( | (BRDO2155 | 1 | \$232.65 | 50\% | \$116.33 |
| BRD02156 | Trane | board; Programmed tracer zn.010, 4 PIPE, n/C Cooling, n/o heatinc | ( BrDo2156 | 1 | \$237.31 | 50\% | \$118.66 |
| BRD02168 | Trane | BOARD; PROGRAMMED TRACER ZN.010, 4 PIPE, $\mathrm{N} / \mathrm{C}$ COOLING, $\mathrm{N} / \mathrm{O}$ HEATINC | C BRDO2168 | 1 | \$287.41 | 50\% | \$143.71 |
| BRD02184 | Trane | BOARD; PROGRAMMED TRACER ZN.010, 2 PIPE CHANGEOVER W/ELLCC HEAT | BRDO2184 | 1 | \$221.81 | 50\% | \$110.91 |
| BRD02207 | Trane | board; programmed tracer zn.010; 2 PIPE Heating only, n/o Coolin | BRDO2207 | 1 | \$274.32 | 50\% | \$137.16 |
| BRD02211 | Trane | board; programmed tracer zn.010, electric heat only, no conden: | : $\mathrm{RRDO2211}$ | 1 | \$282.83 | 50\% | \$141.42 |
| BRD02299 | Trane | board; programmed tracer zn.510, reversing valve, 10kw, 1 Comp, | , BRDO2299 | 1 | \$339.37 | 50\% | \$169.69 |
| BRDO2300 | Trane | board; programmed tracer zn.510, Reversing valve, 10kw, 1 Comp, | , BRDO2300 | 1 | \$340.28 | 50\% | \$170.14 |
| BRD02713 | Trane | Board; Tracker st7 ve 5 | BRD02713 | 1 | \$619.99 | 50\% | \$310.00 |
| BRD02714 | Trane | BOARD; TRACKER/COMFORTRAC ST16 V5. 14 | BRDO2714 | 1 | \$2,415.83 | 50\% | \$1,207.92 |
| BRD02771 | Trane | BOARD; CONTROL CP14, CP26 On UnITS MANUFACTURED AFTER 12/00 | BRDO2771 | 1 | \$320.00 | 50\% | \$160.00 |
| BRD02826 | Trane | BOARD; ADVANTAGE PLUS SIIE 6, 110/120V 60Hz | BRDO2826 | 1 | \$11,297.83 | 50\% | \$5,648.92 |
| BRD02888 | Trane | BOARD; EIA-232 PORT | BRDO2888 | 1 | \$246.10 | 50\% | \$123.05 |
| BRD02893 | Trane | platine communication | BRDO2893 | 1 | \$350.47 | 50\% | \$175.24 |
| BRDO2924 | Trane | Board; ;ELAY ASSY | ${ }^{\text {BRDD2929 }}$ | 1 | \$401.74 | 50\% | \$200.87 |
| BRD02951 | Trane | platine Com3 interface | BRDO2951 | 1 | \$372.47 | 50\% | \$186.24 |
| BRD02957 | Trane | BOARD; BMTX MODEM | BRDO2957 | 1 | \$659.22 | 50\% | \$329.61 |
| BRD03016 |  | BOARD CONTROL, TOUCH PAD, FOR UNITS MANUFACTURED AFTER MARCH | : BRDO3016 | 1 | \$384.53 | 50\% | \$192.27 |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. . BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated
Microprocessor-Controled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems. Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory Mond Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integra
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interf etc.) to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated
platforms/systems.
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
cration, mainten of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, howers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
A. General Purpose In,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely us
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| BRDO3019 |  | Proctuct Desariplion |  | "Warranty Period - \# of year(s) afteracceptance as required by Appendix B, |  | \% Discoumt | Nvs Nel Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |
|  | Trane | BOARD; CONTROL CARD - ST | BRD03019 | 1 | \$2,132.78 | 50\% | \$1,066.39 |
| BRDO3066 | Trane | BOARD; MASKED, CONTROL ASSEmbly; Includes Pwe, PWB housing 115' | BRDO3066 | 1 | \$329.98 | 50\% | \$164.99 |
| BRDO3075 | Trane | BOARD; MASKED, CONTROL ASSEMBLY; INCLUDES PWB, PWB HoUsing 208, | BRDO3075 | 1 | \$310.81 | 50\% | \$155.41 |
| BRD03177 | Trane | OPTION - CARTE TCI-3-ROOFTOP | BRD03177 | 1 | \$428.87 | 50\% | \$214.44 |
| BRD03191 | Trane | board megaboard for toloin4 | BRD03191 | 1 | \$1,294.52 | 50\% | \$647.26 |
| BRD03228 | Trane | PLATINE CIRCUIT IMPRIME, MULTI | BRD03228 | 1 | \$347.62 | 50\% | \$173.81 |
| BRD03253 | Trane | BoARD;RELAY,FOR CP26 | BRD03253 | 1 | \$244.00 | 50\% | \$122.00 |
| BRDO3259 | Trane | board;relay | BRD03259 | 1 | \$250.00 | 50\% | \$125.00 |
| BRDO3359 | Trane | board control unprogrammed | BRDO3359 | 1 | \$326.48 | 50\% | \$163.24 |
| BRDO3476 | Trane | board; EVO ecm/vcu | BRDO3476 | 1 | \$160.96 | 50\% | \$80.48 |
| BRDO3616 | Trane | BOARD; RELAY, OP12, OP18, CP14 | BRD03616 | 1 | \$200.00 | 50\% | \$100.00 |
| BRDO3686 | Trane | BOARD; SPARE, POWER CARD VOLT 5042/6052 400V | BRD03686 | 1 | \$2,134.22 | 50\% | \$1,067.11 |
| BRD03687 | Trane | BOARD; SPARE POWER CRD/VLT5052/6062 400V | BRD03687 | 1 | \$2,134.22 | 50\% | \$1,067.11 |
| BRDO3691 | Trane | BOARD; COATED EB POWER CARD 500/460V 13,0 A | BRDO3691 | 1 | \$2,375.26 | 50\% | \$1,187.63 |
| BRDO3693 | Trane | BoARD; SPARE, IGBT W/PCB, VLIT5052,200A,500V | BRD03693 | 1 | \$1,884.66 | 50\% | \$942.33 |
| BRDO3695 | Trane | BOARD; EM2 BOARD, P650-2 | BRD03695 | 1 | \$300.23 | 50\% | \$150.12 |
| BRD03707 | Trane | BoARD; APU SMPS, 90W, 600V, P650 | BRD03707 | 1 | \$689.14 | 50\% | \$344.57 |
| BRD03752 | Trane | BOARD; SPARE, POWER CARd,FC-XXX22KH/30KNT5 | BRD03752 | 1 | \$3,568.19 | 50\% | \$1,784.10 |
| BRD03796 | Trane | BOARD; POWER, VFD | BRD03796 | 1 | \$3,419.24 | 50\% | \$1,709.62 |
| BRD03806 | Trane | BOARD; LON FREE TOPOLOTY COMmunication Protocol card | BRD03806 | 1 | \$988.81 | 50\% | \$494.41 |
| BRDO3827 | Trane | BOARD; ASSEMBLY, PCB, EX2 | BRDO3827 | 1 | \$844.96 | 50\% | \$422.48 |
| BRD03835 | Trane | BOARD; SWITCHING BOARD | BRD03835 | 1 | \$1,570.37 | 50\% | \$785.19 |
| BRDO3856 | Trane | board power card, SPARE, SOFT Charge bd, FC-xXXP37K, T5, IP20 | BRD03856 | 1 | \$1,791.46 | 50\% | \$895.73 |
| BRD03922 | Trane | board power board, T4, IP20, Ec-xxx11Kn | BRD03922 | 1 | \$1,825.20 | 50\% | \$912.60 |
| BRDO3964 | Trane | Board; OPERATOR DISPLAY W/O MEMORY | BRD03964 | 1 | \$1,052.51 | 50\% | \$526.26 |
| BRD03972 | Trane | BOARD; RELAY BOARD ASSY, OP60 | BRD03972 | 1 | \$300.00 | 50\% | \$150.00 |
| BRD03997 | Trane | board spare power board, fc-xxx5k5n, T2, P20 | BRD03997 | 1 | \$2,909.24 | 50\% | \$1,454.62 |
| BRDO4002 | Trane | board unprogrammed | BRDO4002 | 1 | \$303.04 | 50\% | \$151.52 |
| BRDO4003 | Trane | BOARD; UNPROGRAMMED TRACER ZN. 010 | BRD04003 | 1 | \$215.38 | 50\% | \$107.69 |
| BRDO4045 | Trane | BOARD SPARE,POWER BD,FC-XXX30KH/37KN,T4,P20 | BRD04045 | 1 | \$3,446.74 | 50\% | \$1,723.37 |
| BRD04153 | Trane | BOARD; FURNACE CONTROL, CARIER LH33WP003A | BRD04153 | 1 | \$302.17 | 50\% | \$151.09 |
| BRD04309 | Trane | board furnace, honeywel s8910u | BRD04309 | 1 | \$221.98 | 50\% | \$110.99 |
| BRDO4310 | Trane | BOARD; FURNACE, GOODMAN B18099-265, 013F0005s | BRD04310 | 1 | \$85.85 | 50\% | \$42.93 |
| BRDO4311 | Trane | BOARD, fURNACE, Honeywell, s8610U | BRD04311 | 1 | \$227.43 | 50\% | \$113.72 |
| BRDO4570 | Trane | Board; Controller | BRDO4570 | 1 | \$232.44 | 50\% | \$116.22 |
| BRD04721 | Trane | fanboard 400 Cfm | BRD04721 | 1 | \$205.64 | 50\% | \$102.82 |
| BRG00028 | Trane | BEARING;PILLOW BLOCK, BALL, LIGHT DUTY, .938IN. BORE, 3.750 MTG CENTE | bRG00028 | 1 | \$75.71 | 50\% | \$37.86 |
| BRG00035 | Trane | palier seal master | BRG00035 | 1 | \$138.90 | 50\% | \$69.45 |
| BRG00036 | Trane | bearing; ball joint, 5/16-24 UnF | BRG00036 | 1 | \$39.57 | 50\% | \$19.79 |
| BRG00046 | Trane | butee palier vilbrequin | BRG00046 | 1 | \$108.68 | 50\% | \$54.34 |
| BRG00066 | Trane | coussinet de palier | BRG00066 | 1 | \$137.25 | 50\% | \$68.63 |
| BRG00069 | Trane | bearing; slevee, 94 bore, 4 bolt mtg | BRG00069 | 1 | \$48.95 | 50\% | \$24.48 |
| BRG00070 | Trane | BEARING; PILLOW Block, BRONZE, LT. duty . 225 Bore | BRG00070 | 1 | \$46.49 | 50\% | \$23.25 |
| BRG00073 | Trane | BEARING;PILLOW BLOCK, BALL, LIGHT DUTV,1.188IN. BORE,3.750 MtG Cent bein | brgooors | 1 | \$152.23 | 50\% | \$76.12 |
| BRG00113 | Trane | "PaLIER SEAL MASTER DIA 1"" | BRG00113 | 1 | \$177.88 | 50\% | \$88.94 |
| BRG00115 | Trane | bearing; kit, right hand | BRG00115 | 1 | \$289.15 | 50\% | \$144.58 |
| BRG00116 | Trane | BEARING;FLANGE, TWO BOLT, MEDIUM DUTY, 1.750IN.BORE, 6.188 MtG Cer b | BRG00116 | 1 | \$249.93 | 50\% | \$124.97 |
| BRG00119 | Trane | BEARING, SLEEVE, CTV, 3.00 Bore, 5.97 OD X 4.00 WIDE | BRG00119 | 1 | \$1,663.62 | 50\% | \$831.81 |
| BRG00125 | Trane | articulation a rotule | BRG00125 | 1 | \$7.27 | 50\% | \$3.64 |
| BRG00128 | Trane | bearing;kit, u.V., Left hand | BRG00128 | 1 | \$285.29 | 50\% | \$142.65 |
| BRG00141 | Trane | "ROULEMENT - DIA 3/4"' | BRG00141 | 1 | \$95.48 | 50\% | \$47.74 |
| BRG00143 | Trane | bearing; pllow block ball, 75 bore | BRG00143 | 1 | \$146.06 | 50\% | \$73.03 |
| BRG00144 | Trane | BEARING, CTV, 3.00 BORE, 5.97 OD $\times$ 3.88 WIDE | BRG00144 | 1 | \$1,414.82 | 50\% | \$707.41 |
| BRG00152 | Trane | bearing; slever, 94 bore 4 bolt mounting | BRG00152 | 1 | \$58.32 | 50\% | \$29.16 |
| BRG00167 | Trane | bearing; | BRG00167 | 1 | \$48.73 | 50\% | \$24.37 |
| BRG00168 | Trane | BEARING; FORCE-FLO, 625 BORE | BRG00168 | 1 | \$12.41 | 50\% | \$6.21 |
| BRG00189 | Trane | BEARING PILLOW bLOCk, 938 Bore | BRG00189 | 1 | \$43.30 | 50\% | \$21.65 |
| BRG00192 | Trane | BEARING;PILLOW BLOCK, BALL, STANDARD DUTY, 1.188IN. BORE, 4.750 MT¢ | BRG00192 | 1 | \$188.17 | 50\% | \$94.09 |
| BRG00196 | Trane | Bearing; Housing assembly,outboard 1.13 BORE, CARbon | BRG00196 | 1 | \$3,975.24 | 50\% | \$1,987.62 |
| BRG00207 | Trane | BEARING, CTV, 2.50 Bore | BRG00207 | 1 | \$598.38 | 50\% | \$299.19 |
| BRG00208 | Trane | bearing, ctv, 3.50 bore | BRG00208 | 1 | \$1,379.76 | 50\% | \$689.88 |
| BRG00215 | Trane | Bearing;pilow block, ball,Standard duty, 9381 IN . Bore, 4.188 MTG Cf | brgoo215 | 1 | \$159.44 | 50\% | \$79.72 |
| BRG00242 | Trane | BEARING; NYLINER, 45 BORE B | BRG00242 | 1 | \$4.53 | 50\% | \$2.27 |
| BRG00259 | Trane | bearing, ctv, 2.50 bore | BRG00259 | 1 | \$1,020.80 | 50\% | \$510.40 |
| BRG00280 | Trane | BEARINGFLANGE, TWO BOLT, Standard duty, 1-11/16 BORE, 5.844 MTG C B | bRG00280 | 1 | \$215.20 | 50\% | \$107.60 |
| BRG00289 | Trane | "PALIER - COMPRESSEUR "R"' | BRG00289 | 1 | \$83.26 | 50\% | \$41.63 |
| BRG00290 | Trane | palier de butee vilbrequin | BRG00290 | 1 | \$72.72 | 50\% | \$36.36 |
| BRG00327 | Trane | bearing, nyton, 3/8 BORE | BRG00327 | 1 | \$8.34 | 50\% | \$4.17 |
| BRG00340 | Trane | BEARING; PILLOW BLOCK, BALL, MEDIUM DUTY, 2.938IN.BORE | brgoouto | 1 | \$1,493.24 | 50\% | \$746.62 |
| BRG00346 | Trane | bearing | BRG00346 | 1 | \$1,475.78 | 50\% | \$737.89 |
| BRG00349 | Trane | bearing; | brgoou49 | 1 | \$1,022.26 | 50\% | \$511.13 |
| BRG00351 | Trane | bearing | BRG00351 | 1 | \$827.74 | 50\% | \$413.87 |
| BRG00355 | Trane | BEARING; PILLOW BLOCK, 2.188 BORE | BRG00355 | 1 | \$727.26 | 50\% | \$363.63 |
| BRG00356 | Trane | bearing roller, PILLOW BLOCK, 2.938 SHAFT diA., 8.438 MAX Centers, 7 . . | BRG00356 | 1 | \$1,245.17 | 50\% | \$622.59 |
| BRG00358 | Trane | BEARING; PlLLOW BLOCK, 2.438 Bore | BRG00358 | 1 | \$766.03 | 50\% | \$383.02 |
| BRG00365 | Trane | BEARING;PILLOW BLOCK, BALL, MEDIUM DUTY, 1.9381N. BORE,7.750 MTG CE | brgoo365 | 1 | \$487.19 | 50\% | \$243.60 |
| BRG00378 | Trane | BEARING; SLEEVE, FLANGE, 9338 BORE, $1 / 8$ PIPE PLUG, 2 BOLT MOUNTING, R | bRG00378 | 1 | \$49.74 | 50\% | \$24.87 |
| BRG00406 | Trane |  | BRG00406 | 1 | \$582.81 | 50\% | \$291.41 |
| BRG00430 | Trane | BEARING, CTV, 3.00 Bore | BRG00430 | 1 | \$1,484.10 | 50\% | \$742.05 |
| BRG00431 | Trane | BEARING, CTV, 4.25 Bore | BRG00431 | 1 | \$2,388.48 | 50\% | \$1,194.24 |
| BRG00459 | Trane | paler | BRG00459 | 1 | \$1,216.14 | 50\% | \$608.07 |
| BRGG0468 | Trane | PALIER FIXE | BRGG0468 | 1 | \$2,217.66 | 50\% | \$1,108.83 |
| BRG00516 | Trane | BEARING; SLEEVE, 1.25 BORE | BRG00516 | 1 | \$327.93 | 50\% | \$163.97 |
| BRG00525 | Trane | bearingrlange, four bolt, medium duty,1.938in.bore, 5.125 MTG CEI | BRG00525 | 1 | \$739.70 | 50\% | \$369.85 |
| BRGG0530 BRGOOS45 | Trane | BEARINGPILLOW-BLOCK, BALL, MEDIUM DUTY,1.938IN.BORE, 8.875 MTG CE BEARING. FLANGED, INSERT, 75 BORE | BRGG0530 BRGO0545 | 1 | $\$ 688.14$ $\$ 35.08$ | 50\% $50 \%$ | $\$ 344.07$ $\$ 17.54$ |
| BRGG0545 | Trane | BEARING; FLANGED, INSERT, 75 BORE | BRGG0545 BRGOos46 | 1 | $\begin{aligned} & \$ 35.08 \\ & \$ 8.33 \end{aligned}$ | 50\% $50 \%$ | $\$ 17.54$ $\$ 4.17$ |
| BRGG0546 BRGOos51 | Trane | BEARING; SNAP-IN, 312 BORE BEARING: ABS PUMP, LIANGED, 1.13 Bore | BRGG0056 | 1 | $\begin{array}{r} \$ 8.33 \\ \$ 384.24 \end{array}$ | 50\% $50 \%$ | \$4.17 $\$ 192.12$ |
| ${ }_{\text {BRGG00551 }}$ | Trane | BEARING; ABS PUMP, FLANGED, 1.13 BORE | ${ }_{\text {BRGG00551 }}$ | 1 | \$384.24 $\$ 244.31$ | 50\% | \$192.12 |
| BRGG0552 BRGOos73 | Trane | BEARING; ABSORPTION PUMP, 1.13 Bore | ${ }^{\text {BRGG00552 }}$ | 1 | \$244.31 | 50\% | $\$ 122.16$ $\$ 90.69$ |
| BRG00573 BRG00575 | Trane Trane | BEARING $3 / 4$ INCH, ORDER OTY. SHOULD BE NUMBER PIECES REQUIRED BEARING, CTV, 5.60 BoRe | BRGG0573 BRG00575 | 1 1 | \$181.38 $\$ 1,192.59$ | 50\% | $\$ 90.69$ $\$ 596.30$ |
| BRG00576 | Trane | BEARING, CTV, 6.40 BORE | BRG00576 | 1 | \$1,119.02 | 50\% | \$559.51 |
| BRG00594 | Trane | bearing | BRG00594 | 1 | \$190.42 | 50\% | \$95.21 |
| BRG00600 | Trane | BEARING; BALuOIN, ROD-END | BRG00600 | 1 | \$31.54 | 50\% | \$15.77 |
| BRG00632 | Trane | Bearing; RUBBER ISOLATOR, $21 / 2 \mathrm{OD}$ | BRG00632 | 1 | \$13.87 | 50\% | \$6.94 |
| ${ }^{\text {BRGGOO637 }}$ | Trane | ROULEMENT, ISOLATOR ASM, | ${ }^{\text {BRGGOO637 }}$ | 1 | \$118.64 | 50\% | \$59.32 |
| BRG00640 | Trane | BEARING; INSERT, . 625 BORE | BRG00640 | 1 | \$115.49 | 50\% | \$57.75 |
| BRG00646 | Trane | BEARING; FLANGE, TWO BIT LT. DUTY, 9338 Bore bolt holt pattern cen i | BRG00646 | 1 | \$122.23 | 50\% | \$61.12 |
| BRG00647 | Trane | BEARING;FLANGE, TWO BOLT, LIGHT dUTY,1.188IN.BORE, 3.563 MTG CENTE B | BRG00647 | 1 | \$162.96 | 50\% | \$81.48 |
| BRG00648 | Trane | "PALIER A BRIDE - DIA 1 "7/16" | BRG00648 | 1 | \$266.07 | 50\% | \$133.04 |
| BRG00669 | Trane | BEARING;(DRIVE GEAR), 64 ID | BRG00669 | 1 | \$73.21 | 50\% | \$36.61 |
| BRG00670 | Trane | BEARING; (TAKE UP SPRING), . 643 ID X .847 OD | BRG00670 | 1 | \$32.16 | 50\% | \$16.08 |
| ${ }^{\text {BRGGOO672 }}$ | Trane | BEARING;(TAKE-UP SPRINGG). $9131 \mathrm{ID} \times 1.152$ OD | BRGG0072 | 1 | \$32.16 | 50\% | \$16.08 |
| BRG00706 | Trane | BEARING PILLOW BLOCK 1"7/16 | BRG00706 | 1 | \$203.26 | 50\% | \$101.63 |
| BRG00740 | Trane | BEARING; CARTRIDGE, BALL 1.00 BORE | BRG00740 | 1 | \$99.94 | 50\% | \$49.97 |

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|  |  |  |  | as required | List | \% | wvs Net Pric |
| CNT00072 | Trane | CONTROL; TEMP, 0-100 F, 135 | CNT00072 | 1 | \$498.80 | 50\% | \$249.40 |
| CNT00249 | Trane | CONTROL; PRESS, LOW, $201 \mathrm{~N} . \mathrm{VAC}, 100$ PSI, SPST 120 V , AUTO RESET C | CNT00249 | 1 | \$148.10 | 50\% | \$74.05 |
| CNT00260 | Trane | CONTROL;SEQUENCE, 8 STEP | CNT00260 | 1 | \$1,829.90 | 50\% | \$914.95 |
| CNT00271 | Trane | CONTROL, PRESS, OIL, SAFETY, 20 PSI CNIC | CNT00271 | 1 | \$427.00 | 50\% | \$213.50 |
| CNT00339 | Trane | CONTROL; PRESS, OIL | CNтооз39 | 1 | \$253.49 | 50\% | \$126.75 |
| CNT00358 | Trane | CONTROL; TEMP, 0-70 F, MULTISTAGE, 125 VA , $120-277 \mathrm{VAC}$, 15FT. CAPILAI C | CNT00358 | 1 | \$407.37 | 50\% | \$203.69 |
| CNT00423 | Trane | CONTROL - LOW PRESSURE; 5-20 PSI, 125V-SPST-20 TO 150 F .25 SAE FFL 7 C | CNT00423 | 1 | \$50.25 | 50\% | \$25.13 |
| CNT00428 | Trane | CONTROL; 20-80 DEGRE.E.S.P.S.T.,INCLUDES WEL (WEL-28) \& CAPILLARY TUBIC | CNT00428 | 1 | \$123.11 | 50\% | \$61.56 |
| CNT00470 | Trane | CONTROL; PRESS, OPEN 3, CLOSE 9, 187/264 V, 361 IN . CAPPLLARY | CNT00470 | 1 | \$454.71 | 50\% | \$227.36 |
| CNT00477 | Trane | CONTROL, DPST, 53-65F Cider | CNT00477 | 1 | \$107.90 | 50\% | \$53.95 |
| CNT00480 | Trane | CONTROL, TEMP, OPEN 175F, ClOSE 135F, SPST C | CNT00480 | 1 | \$155.56 | 50\% | \$77.78 |
| CNT00508 | Trane | CONTROL; PRESSURE OPEN 5, Close 20 PSIG SPST, 72IN. LEADS C | CNT00508 | 1 | \$68.46 | 50\% | \$34.23 |
| CNT00510 | Trane | CONTROL; SWITCH-HIGH PRESSURE, CUTOUT, SPPT, 2AMPS AT 24V AC 125V C C | CNT00510 | 1 | \$112.43 | 50\% | \$56.22 |
| CNT00518 | Trane | CONTROL;SWITCH- HIGH PRESSURE,CUTOUT, 120/240 VAC, OPEN: 405 PSIG, C | , cntoos18 | 1 | \$112.40 | 50\% | \$56.20 |
| CNT00530 | Trane | CONTROL; TEMP, OPEN 130F, ClOSE 110F, SPST, DISC TYPE 130 DEG Citobe | CNT00530 | 1 | \$70.60 | 50\% | \$35.30 |
| CNT00531 | Trane | CONTROL; TEMP, OPEN 160F, ClOSE 140F, SPST Cider | CNT00531 | 1 | \$113.63 | 50\% | \$56.82 |
| CNT00532 | Trane | CONTROL; FAN FAILURE LIMIT, OPEN 150 F, Close 130 F, AUTOMATIC ReSet C | CNT00532 | 1 | \$88.26 | 50\% | \$44.13 |
| CNT00542 | Trane | CONTROL; LOW PRESSURE, 20 OPEN/ 50 CLOSE, $115 / 240 \mathrm{~V}$, SPST, 25 SAE FL C | CNT00542 | 1 | \$112.75 | 50\% | \$56.38 |
| CNT00557 | Trane | CONTROL FLAME SAFEGUARD C | CNT00557 | 1 | \$2,700.00 | 50\% | \$1,350.00 |
| CNT00607 | Trane | CONTROL;HIGH PRESSURE, CUTOUT, 120/240VAC, OPEN: 405 PSIG, ClOSE: 3 C | 3 CNT00607 | 1 | \$38.00 | 50\% | \$19.00 |
| CNT00622 | Trane | CONTROL; LIMIT, SPST, OPEN 180F, Close 160F, 125VA, 120-277VAC, AUTO C | CNT00622 | 1 | \$113.63 | 50\% | \$56.82 |
| CNT00630 | Trane | CONTROL; THERMOSTAT-OPEN 130 DEG., CLOSE 90 deg. Citor | CNT00630 | 1 | \$132.11 | 50\% | \$66.06 |
| CNT00637 | Trane | CONTROL; LIMIT, 135F OPEN, SPST, 30-240VAC, MANUAL RESET C | CNT00637 | 1 | \$196.37 | 50\% | \$98.19 |
| CNTT06641 | Trane | CONTROL; SWITCH-LOW PRESSURE, CUTOUT, 120/240VAC, OPEN: 45 PSIG, C C | CNTTOO641 | 1 | \$57.66 | 50\% | \$28.83 |
| CNT00674 | Trane | CONTROL; BI-METAL DISCONNECT LIMIT, 25A, NC, SPST, OPEN 210 DEG. F, C C | CNT00674 | 1 | \$99.14 | 50\% | \$49.57 |
| CNT00886 | Trane | CONTROL; TEMP OPEN 190F, ClOSE 140F, SPST C | CNT00686 | 1 | \$52.43 | 50\% | \$26.22 |
| CNT00695 | Trane | CONTROL; RELAY, TIME DELAY, SPST 25A, 24V, $30-90$ SEC C | CNT00695 | 1 | \$111.78 | 50\% | \$55.89 |
| CNT00705 | Trane | CONTROL; $55-175$ F, SPDT, $120-240 \mathrm{VAC}$, 20 FT CAPLLARY TUBE, TEMPERATI | CNT00705 | 1 | \$197.09 | 50\% | \$98.55 |
| CNT00720 | Trane | CONTROL, SIGNAL LIMITER CITor | CNT00720 | 1 | \$57.00 | 50\% | \$28.50 |
| CNT00746 | Trane | CONTROL; SWITCH CUTOUT, 120/240VAC, OPEN: 155 PSIG, ClOSE: 300 PSIGG C | CNT00746 | 1 | \$59.06 | 50\% | \$29.53 |
| CNT00747 | Trane | CONTROL; LOW PRESS, CUTOUT, 120/240VAC, OPEN:7 PSIG, Close: 22 PSIG, C | CNT00747 | 1 | \$17.95 | 50\% | \$8.98 |
| CNT00758 | Trane | CONTROL; TEMP 4 STEP COOLING ONLY LOGIC PANEL-SINGLE ZONE MASTER C | CNT00758 | 1 | \$1,119.60 | 50\% | \$559.80 |
| CNT00759 | Trane | CONTROL; ENERGY Coder | CNT00759 | 1 | \$1,097.73 | 50\% | \$548.87 |
| CNT00773 | Trane | CONTROL TEMP 3 Heat, 3 COOL LOGIC PANEL-SINGLE ZONE MASter energ C | CNT00773 | 1 | \$948.80 | 50\% | \$474.40 |
| CNT00819 | Trane | CONTROL;MASTER ENERGY C | CNTT00819 | 1 | \$1,667.65 | 50\% | \$833.83 |
| CNT00821 | Trane | CONTROL; LIMIT, SPDT, 125VA, 24VAC, OPEN 210F, Close 130F, AUTORESET C | CNT00821 | 1 | \$59.62 | 50\% | \$29.81 |
| CNT00827 | Trane | CONTROL; TEMP, 3 HEAT, 3 COOL, -40-150F, SPDT $30-240 \mathrm{VA}, 24-240 \mathrm{VAC}$ | CNT00827 | 1 | \$2,660.19 | 50\% | \$1,330.10 |
| CNT00829 | Trane | CONTROL; TEMP,OPEN 196F, Close 165F, SPST, 125VA, 240VAC, EXPOSED D C | CNT00829 | 1 | \$142.28 | 50\% | \$71.14 |
| CNT00831 | Trane | CONTROL; LIMIT, AUTO RESET CIN0 | CNT00831 | 1 | \$139.10 | 50\% | \$69.55 |
| CNT00884 | Trane | CONTROL;TEMPERATURE CI | CNT00884 | 1 | \$2,471.88 | 50\% | \$1,235.94 |
| CNT00889 | Trane | CONTROL; MOTOR PROTECTOR CITCle | CNT00889 | 1 | \$296.53 | 50\% | \$148.27 |
| CNT00894 | Trane | CONTROL; TEMP, OPEN 139F, Llose 105F, SPST Cider | CNT00894 | 1 | \$144.04 | 50\% | \$72.02 |
| CNT00900 | Trane | CONTROL, TEMP, OPEN 280F, SPST, MANUAL RESET CITor | CNT00900 | 1 | \$121.38 | 50\% | \$60.69 |
| CNT00906 | Trane | CONTROL, REMOTE SELECTOR, 55-90 TD121 Cider | CNT00906 | 1 | \$205.63 | 50\% | \$102.82 |
| CNTOO914 | Trane | CONTROL; THERMOSTAT, TERMINATOR, DEFROST, OPEN @ 517 (+ OR - 4), CI C | CNTTOO914 | 1 | \$30.24 | 50\% | \$15.12 |
| CNT00915 | Trane | CONTROL;DE-ICE CI | CNTOO915 | 1 | \$173.28 | 50\% | \$86.64 |
| CNT00920 | Trane | CONTROL; ELECTRONIC IGNITION CIN | CNT00920 | 1 | \$271.90 | 50\% | \$135.95 |
| CNT00921 | Trane | CONTROL; LIMIT, 160F, SPDT, 125VA CINor | CNT00921 | 1 | \$59.63 | 50\% | \$29.82 |
| CNT00922 | Trane | CONTROL;LMIT | CNT00922 | 1 | \$117.99 | 50\% | \$59.00 |
| CNT00925 | Trane | CONTROL; ENERGY CUT OFF DEVICE CIN0 | CNT00925 | 1 | \$86.02 | 50\% | \$43.01 |
| CNT00927 | Trane | CONTROL, TEMP, CUTOFF DEVICE, OPEN 280F, AUTO RESET, NORMALY CLIO C | CNT00927 | 1 | \$112.02 | 50\% | \$56.01 |
| CNT00959 | Trane |  | CNT00959 | 1 | \$77.23 | 50\% | \$38.62 |
| CNT00962 | Trane | CONTROL; START ACCESSORY, BAY411189 C | CNT00962 | 1 | \$231.48 | 50\% | \$115.74 |
| CNT00992 | Trane | CONTROL;AUTOMATIC RESET CITA | CNT00992 | 1 | \$86.79 | 50\% | \$43.40 |
| CNT00993 | Trane | CONTROL, AUTOMATIC RESET CI | CNT00993 | 1 | \$75.42 | 50\% | \$37.71 |
| CNT00994 | Trane | CONTROL, AUTOMATIC RESET LIMIT, RATED 300 degrees cide | CNTOO994 | 1 | \$85.80 | 50\% | \$42.90 |
| CNT01001 | Trane | CONTROL; RECEIVER (PNEUMATIC) Cidel | CNT01001 | 1 | \$1,087.98 | 50\% | \$543.99 |
| CNT01011 | Trane | CONTROL;PLOT RELITE, $24 \mathrm{VAC}, 8 \mathrm{MA}, 60 \mathrm{~Hz}$ Citale | CNT01011 | 1 | \$110.97 | 50\% | \$55.49 |
| CNT01019 | Trane | CONTROL; TEMP LIMIT, SPDT, OPEN 200F, ClOSE 140F | CNT01019 | 1 | \$144.17 | 50\% | \$72.09 |
| CNT01031 | Trane | CONTROL; TEMP LIMIT, SPDT, OPEN 150F, CLOSE 110F C | CNT01031 | 1 | \$71.17 | 50\% | \$35.59 |
| CNT01034 | Trane | CONTROL;LIMIT, 160F, NC, SPST, 125VA, INCLUDES CAPILLARY TUBE. C | CNTO1034 | 1 | \$41.59 | 50\% | \$20.80 |
| CNTO1035 | Trane | CONTROL; RECEIVER (PNEUMATIC W/DUAL INPUT) Cidel | CNTO1035 | 1 | \$1,569.83 | 50\% | \$784.92 |
| CNT01045 | Trane | CONTROL; LIMIT, 180F, NORMALY ClOSED, AUTO RESET Cidel | CNT01045 | 1 | \$39.43 | 50\% | \$19.72 |
| CNT01046 | Trane | CONTROL; TEMP, CLOSE 60F, OPEN 10F, FROST CONTROL CIT | CNT01046 | 1 | \$135.89 | 50\% | \$67.95 |
| CNT01047 | Trane | CONTROL; TEMP, OPEN 190F, SPST CIT | CNT01047 | 1 | \$41.85 | 50\% | \$20.93 |
| CNTO1048 | Trane | CONTROL; TEMP, OPEN 235F, SPST, 23.00 CAP TUBE ${ }^{\text {a }}$ | CNTO1048 | 1 | \$41.70 | 50\% | \$20.85 |
| CNT01087 | Trane | CONTROL; HIGH PRESSURE CUTOUT, 120/240 VAC, OPEN: 360 PSIG, Close: : $¢$ | :CNT01087 | 1 | \$77.37 | 50\% | \$38.69 |
| CNT01107 | Trane | CONTROL; FAN LIMIT Coder | CNT01107 | 1 | \$351.80 | 50\% | \$175.90 |
| CNT01123 | Trane | CONTROL; HOFFMAN 706-123SB, 10 AMP FAN SPEED CONTROL C | CNT01123 | 1 | \$105.00 | 50\% | \$52.50 |
| CNT01126 | Trane | CONTROL;TEMPERATURE,-40 TO 150F Ambient temp. Set point 10 TO 111 C | CNTO1126 | 1 | \$2,530.73 | 50\% | \$1,265.37 |
| CNT01127 | Trane | CONTROL; DEFROST, OPEN 75F, LLOSE 26F, SPST Citale | CNT01127 | 1 | \$31.46 | 50\% | \$15.73 |
| CNT01160 | Trane | CONTROL; | CNT01160 | 1 | \$305.26 | 50\% | \$152.63 |
| CNT01162 | Trane | CONTROL; LOW PR Cider | CNTO1162 | 1 | ${ }_{\text {¢ }} \mathbf{\$ 1 3 3 . 6 7}$ | 50\% | \$66.84 |
| CNT01209 | Trane | CONTROL, FAN SPEED | CNTO1209 | 1 | \$594.73 | 50\% | \$297.37 |
| CNT01212 | Trane | CONTROL; TEMPERATURE, $40-90 \mathrm{~F}$. | CNT01212 | 1 | \$136.22 | 50\% | \$68.11 |
| CNT01219 | Trane | CONTROL; TEMP,OPEN 170F, SPST, LIMIT, NORMALLY CLOSED, WITH CAPILL C | CNT01219 | 1 | \$39.65 | 50\% | \$19.83 |
| CNT01220 | Trane | CONTROL; TEMP, OPEN 160F, SPST, LIMIT, NORMALYY Closed, w/CAPILLAR C | CNT01220 | 1 | \$45.75 | 50\% | \$22.88 |
| CNT01230 | Trane | CONTROL; PRESSURE, 100-425 PSIG, MANUAL RESET Cider | CNTO1230 | 1 | \$91.39 | 50\% | \$45.70 |
| CNT01241 | Trane | CONTROL, IGNITION MODULE 90 SEC. MAX. LOCKOUT C | CNT01241 | 1 | \$172.04 | 50\% | \$86.02 |
| CNTO1285 | Trane | CONTROL; FAN SPEED, 208-240-480/60, 160-220 PSI Cill | CNTO1285 | 1 | \$577.47 | 50\% | \$288.74 |
| CNT01287 | Trane | CONTROL, STATIC PRESSURE 24 VAC | CNTO1287 | 1 | \$321.73 | 50\% | \$160.87 |
| CNT01317 | Trane | CONTROL; PRESS, OPEN 7, CLOSE 22 PSI, SPST (COMPRESSOR PROTECTION S C | CNT01317 | 1 | \$17.78 | 50\% | \$8.89 |
| CNT01319 | Trane | CONTROL; LIMIT,DISC TYPE SPST, 170F OP/120F CL CIT | CNT01319 | 1 | \$83.87 | 50\% | \$41.94 |
| CNT01320 | Trane | CONTROL; TEMP, OPEN 140F, ClOSE 95, SPST C | CNTO1320 | 1 | \$83.73 | 50\% | \$41.87 |
| CNT01405 | Trane | CONTROL; TEMP, OPEN 65F, Close 55f, SPST Cider | CNT01405 | 1 | \$96.91 | 50\% | \$48.46 |
| CNT01446 | Trane | CONTROL; AUTO RESET FREEZE STAT Citale | CNT01446 | 1 | \$245.71 | 50\% | \$122.86 |
| CNT01466 | Trane | CONTROL; IGNITOR, CONTINUOUS RETRY 100 PERCENT SHUTOFF IP CIT | CNTO1466 | 1 | \$382.13 | 50\% | \$191.07 |
| CNT01536 | Trane | CONTROL;AQUASTAT (SUPPLY \& Return alr firestat) Reverse alflow sc | CNTO1536 | 1 | \$286.94 | 50\% | \$143.47 |
| CNT01537 | Trane | CONTROL;CM, FAN (FURNACE) Cod | CNT01537 | 1 | \$172.17 | 50\% | \$86.09 |
| CNT01584 | Trane | CONTROL; LOW PRESSURE, OPEN 7, CLOSE 22 PSI, 55 LEAD Length Cider | CNT01584 | 1 | \$53.59 | 50\% | \$26.80 |
| CNT01617 | Trane | CONTROL;SPACE TEMPERATURE (ADD FOR SYSTEM 44)MAY ALSO BE CALLEC C | CNT01617 | 1 | \$650.94 | 50\% | \$325.47 |
| CNT01626 | Trane | CONTROLHIGH LIMIT Cider | CNT01626 | 1 | \$282.68 | 50\% | \$141.34 |
| CNT01640 | Trane | CONTROL, MODULE | CNT01640 | 1 | \$6,912.00 | 50\% | \$3,456.00 |
| CNT01642 | Trane | CONTROL; DEFROST BOARD, TEMP/TIME, 24 VAC , $50 / 70$ OR 90 MIN CYCLES C | CNT01642 | 1 | \$129.10 | 50\% | \$64.55 |
| CNT01647 | Trane | CONTROL-FAN TIMER | CNT01647 | 1 | \$445.99 | 50\% | \$223.00 |
| CNT01648 | Trane | CONTROL;TEMPERATURE, SPDT, 120/208/240V C | CNT01648 | 1 | \$157.85 | 50\% | \$78.93 |
| CNT01662 | Trane | CONTROL; HIGH LIMIT, 25A NC SPST C | CNT01662 | 1 | \$48.46 | 50\% | \$24.23 |
| CNT01677 | Trane | CONTROL TEMP, REFIF,-30 TO +90 F, SPST 3.50-40.0F AdJUST DIFF, 5FT. CAP | CNT01677 | 1 | \$113.26 | 50\% | \$56.63 |
| CNT01683 | Trane | CONTROL; TEMP, IGNITION Hot Surface plot relite, 24V AC, 0.03 AMPS, C | CNT01683 | 1 | \$170.74 | 50\% | \$85.37 |
| CNT01726 | Trane | CONTROL; TEMP, 130 F CUT-OUT, 15 F DIFF SPST, SNAP-DISC | CNT01726 | 1 | \$11.78 | 50\% | \$5.89 |
| CNT01730 | Trane | CONTROL TEMP 170 F CUT-OUT,40 F DIFF SPST, SNAP-DISC C | CNT01730 | 1 | \$11.78 | 50\% | \$5.89 |
| CNT01731 | Trane | CONTROL TEMP, 180 F CUT-OUT,40 F DIFF SPST, SNAP-DISC (03L01 180) | CNT01731 | 1 | \$11.78 | 50\% | \$5.89 |
| CNTO1733 | Trane | CONTRL; | ${ }^{\text {CNTO1733 }}$ | 1 | \$11.78 | 50\% | \$5.89 |
| CNT01735 | Trane | CONTROLTEMP, 250 F CUT-OUT, 40 F DIFF, SPST, SNAP-DISC (03L01 250) | CNT01735 | 1 | \$10.22 | 50\% | \$5.11 |
| CNT01760 | Trane | CONTROL; EVAPORATOR DEFROST, SPST, 10A, 120/240 VAC, 60 F ON/ 25 F Of C | F CNT01760 | 1 | \$90.63 | 50\% | \$45.32 |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor ontrolled HVAC Equipment using a device including, but not limited to, a route, gatew, platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance; and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned instal systems in mainter of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs howers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not imited to
A. General Purpose Iudio-Video equectoms or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms video video conferencing equipment, Theatre Screens/Displays etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely use
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


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The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, howers, water fountains, water heaters hot water tanks, garbage disposa
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2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controm $/$ I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens $D$ Displays, etc)

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following
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Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
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|  |  | ct Desaripion |  | "Warranty Period $-\#$ of year(s) after acceptance as required by Appendix B, Clause 54 " | Lst Pice | \% Discoumt | Nvs Nel Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CPL00924 | Trane | COUPLER, 1/4" SEALRIGHT STR, 1/4" MALE FL. | CPL00924 | 1 | \$29.42 | 50\% | \$14.71 |
| CPL00925 | Trane | COUPLING; $1 / 4$ " SEALRIGHT $90 \times 1 / 4$ " MALE FL | CPL00925 | 1 | \$30.03 | 50\% | \$15.02 |
| CPL00928 | Trane | COUPLING; SEALRIGHT QUICK COUPLER, 1/4" SEALRIGHT 45 DEG. X 1/4" MA | CPL00928 | 1 | \$30.44 | 50\% | \$15.22 |
| CPL00934 | Trane | COUPLING; (INCLUDES ORING \& TEFLON SEAL) | CPL00934 | 1 | \$29.40 | 50\% | \$14.70 |
| CPL00935 | Trane | COUPLING $1 / 2^{\prime \prime}$ ACME Female $1 / 4$ " Male FL | CPL00935 | 1 | \$25.36 | 50\% | \$12.68 |
| CPL00938 | Trane | COUPLING; REDUCING COUPLING ASSEMBLY - INCLUDES C341097P01 (CPLOC | ( CPL00938 | 1 | \$20.99 | 50\% | \$10.50 |
| CPL00939 | Trane | COUPLING, QUICK COUPLER, $1 / 4$ IN FE QC $\times 1 / 8 \mathrm{IN}$ MALE NPT | CPL00939 | 1 | \$20.50 | 50\% | \$10.25 |
| CPL00944 | Trane | COUPLING; SEALRIGHT QUICK COUPLER, $1 / 4 / \mathrm{I}$ SEALRIGHT STRAIGHT X $1 / 8 / \mathrm{IN}$ C | N CPL00944 | 1 | \$35.93 | 50\% | \$17.97 |
| CPL00955 | Trane | COUPLING $1 / 4 \mathrm{I}$ I SEALRIGHT QUICK COUPLER, 1/4 1 I F.E.FPT | CPL00955 | 1 | \$37.02 | 50\% | \$18.51 |
| CPL00957 | Trane | COUPLING; R134A HIGH SIDE A/C AUTO COUPLER WITH $1 / 4$ IN M . MF, RITCHIE | CPL00957 | 1 | \$58.91 | 50\% | \$29.46 |
| CPL00958 | Trane | COUPLING; R134A LO SIDE A/C AUTO COUPLER WITH $1 / 4$ IN MF, RITCHE NO C | CPL00958 | 1 | \$58.91 | 50\% | \$29.46 |
| CPL00960 | Trane | COUPLING R134A LO SIDE A/C AUTO COUPLER WITH $1 / 4 \mathrm{IN}$ MF. RITCHIE NO. C | CPL00960 | 1 | \$84.14 | 50\% | \$42.07 |
| CPL00975 | Trane | COUPLING; DRIVE END CRIMP REPAIR COUPLING FOR USE WITH GTC-703 SSI | SICPL00975 | 1 | \$15.00 | 50\% | \$7.50 |
| CPL00976 | Trane | COUPLING; DRIVE END CRIMP REPAIR COUPLING FOR USE WITH GTC-704 SH C | CPL00976 | 1 | \$15.00 | 50\% | \$7.50 |
| CPL00977 | Trane | COUPLING; TOOL END CRIMP REPAIR COUPLING FOR USE WITH GTC-703 SH/C | H/CPL00977 | 1 | \$14.00 | 50\% | \$7.00 |
| CPL00978 | Trane | COUPLING; TOOL END CRIMP REPAIR COUPLING FOR USE WITH GTC-703 SH/C | H1 CPL00978 | 1 | \$67.00 | 50\% | \$33.50 |
| CPL00979 | Trane | COUPLING; TOOL END CRIMP REPAIR COUPLING FOR USE WITH GTC-704 SH/C | -1/CPL00979 | 1 | \$13.97 | 50\% | \$6.99 |
| CPL00983 | Trane | COUPLING; DRIVE END REPAR CRIMP COUPLING FOR GTC-702 SHAFTS | CPL00983 | 1 | \$15.00 | 50\% | \$7.50 |
| CPL00986 | Trane | COUPLING TOOL END REPAIR CRIMP COUPLING FOR GTC--72 SHAFTS | CPL00986 | 1 | \$14.00 | 50\% | \$7.00 |
| CPL00990 | Trane | COUPLING; CRIMP, FOR GTC-702 QuIck Connect shafts | CPL00990 | 1 | \$67.00 | 50\% | \$33.50 |
| CPL00991 | Trane | COUPLING; REDUCER FOR 820 SOLENOID | CPL00991 | 1 | \$12.00 | 50\% | \$6.00 |
| CPL00995 | Trane | COUPLING; $8 / 32 \mathrm{M} \mathrm{X} \mathrm{8/32M} \mathrm{FOR} 1 / 4$ INCH AND $5 / 16$ INCH BRUSHES TO 701 : $C$ | :CPL00995 | 1 | \$8.00 | 50\% | \$4.00 |
| CPL00997 | Trane | COUPLING YELLOW JaCket gauge quick coupler with Chi4 Adjustabli C | - CPL00997 | 1 | \$20.69 | 50\% | \$10.35 |
| CPL01007 | Trane | COUPLING; 2 INCH PVC DWV FITTING | CPL01007 | 1 | \$1.10 | 50\% | \$0.55 |
| CPL01032 | Trane | COUPLING; SPECIALTY MOTOR, $11 / 4 \times 1 / 2$ | CPL01032 | 1 | \$96.90 | 50\% | \$48.45 |
| CPL01043 | Trane | COUPLING; YELLOW JACKET QUICK COUPLER, $5 / 16$ INCH FEMALE QC $\times 1 / 4$ II C | CPLO1043 | 1 | \$27.39 | 50\% | \$13.70 |
| CPL01051 | Trane | COUPLING $1 \times 1 / 2$ REDUCING COUPLING, BLACKIRON PIPE | CPL01051 | 1 | \$2.93 | 50\% | \$1.47 |
| CPL01052 | Trane | COUPLING; $1 \times 3 / 4$ REDUCING COUPLING, BLACK IRON PIPE | CPL01052 | 1 | \$2.87 | 50\% | \$1.44 |
| CPL01058 | Trane | COUPLING; SLIMDUCT SJ-100-w COUPLER | CPL01058 | 1 | \$16.06 | 50\% | \$8.03 |
| CPL01061 | Trane | COUPLING; SLIMDUCT SJ-100-I COUPLER Cold | CPL01061 | 1 | \$16.06 | 50\% | \$8.03 |
| CPL01062 | Trane | COUPLING; SLIMDUCT SJ-100-B COUPLER | CPL01062 | 1 | \$24.12 | 50\% | \$12.06 |
| CPL01234 | Trane | COUPLING; VIICTAULIC STYLE 750,2 INCH X 1.5 INCHES | CPL01234 | 1 | \$195.55 | 50\% | \$97.78 |
| CPNo0032 | Trane | Control panel complete assy static Pressure mill | CPN00032 | 1 | \$815.85 | 50\% | \$407.93 |
| CPN00182 | Trane | Control panel;complete remote display | CPN00182 | 1 | \$10,710.86 | 50\% | \$5,355.43 |
| CPN00488 | Trane | CONTROL, PANEL, DAMPER CONSIITS Of CIRCUIT BOARD BRD1101 \& TERM. C | CPN00488 | 1 | \$1,098.80 | 50\% | \$549.40 |
| CPN01546 | Trane | CONTROL PANEL; AsM. | CPN01546 | 1 | \$1,590.00 | 50\% | \$795.00 |
| CPN03403 | Trane | CONTROL; EVP OPT, RA100-120 | CPN03403 | 1 | \$4,234.05 | 50\% | \$2,117.03 |
| СРT00072 | Trane | CAPACITOR; FAN, 5 MFD, 370V, OVAL, W/O RESISTOR | CPT00072 | 1 | \$6.13 | 50\% | \$3.07 |
| CPT00076 | Trane | CAPACITOR; FAN, 4 MFD, 370V, OVAL, W/O RESIITOR | CPT00076 | 1 | \$7.19 | 50\% | \$3.60 |
| CPT00088 | Trane | CAPACITOR; RUN, $10 \mathrm{MFD}, 440 \mathrm{~V}$ OVAL, W/O RESISTOR | CPT00088 | 1 | \$15.30 | 50\% | \$7.65 |
| CPT00091 | Trane | CAPACITOR; START, 135 MFD, 33OV, ROUND, W/ RESISTOR | CPT00091 | 1 | \$28.91 | 50\% | \$14.46 |
| CPT00119 | Trane | CAPACITOR; RUN, 5 MFD, 440V, OVAL, W/O RESISTOR | CPT00119 | 1 | \$9.49 | 50\% | \$4.75 |
| CPT00120 | Trane | CAPAIITOR; RUN, $7.5 \mathrm{MFD}, 370 \mathrm{~V}, \mathrm{OVAL}$, w/O RESISTOR | CPT00120 | 1 | \$6.65 | 50\% | \$3.33 |
| CPT00160 | Trane | CAPACITOR RUN, 25 MFD, 370v, OVAL, w/O RESISTOR | CPT00160 | 1 | \$14.80 | 50\% | \$7.40 |
| CPT00161 | Trane | CAPACIToR; RUN, 4 MFD, 440V, OVAL, w/O RESISTOR | CPT00161 | 1 | \$8.58 | 50\% | \$4.29 |
| CPT00180 | Trane | CAPACITOR; RUN, 15 MFD, 370V, OVAL, W/O RESISTOR | CPT00180 | 1 | \$10.54 | 50\% | \$5.27 |
| CPT00202 | Trane | CAPAITOR; RUN, $30 \mathrm{MFD}, 370 \mathrm{~V}$, OVAL, W/O RESISTOR | CPT00202 | 1 | \$17.72 | 50\% | \$8.86 |
| CPT00203 | Trane | CAPACITOR; RUN, 7.5 MFD , 440V OVAL, W/O RESIITOR | CPT00203 | 1 | \$11.25 | 50\% | \$5.63 |
| CPT00207 | Trane | CAPACITORRUN, $20 \mathrm{MFD}, 370 \mathrm{~V}$ | CPT00207 | 1 | \$58.13 | 50\% | \$29.07 |
| CPT00209 | Trane | CAPACITOR; RUN, 3 MFD, 370 V , OVAL, W/O RESISTOR | CPT00209 | 1 | \$9.92 | 50\% | \$4.96 |
| CPT00221 | Trane | CAPACITOR RUN, 6 MFD, 440V, OVAL, W/O RESIITOR | CPT00221 | 1 | \$8.85 | 50\% | \$4.43 |
| CPT00230 | Trane | CAPACITOR; RUN, $10 \mathrm{MFD}, 370 \mathrm{~V}$, OVAL, w/O RESISTOR | CPT00230 | 1 | \$10.08 | 50\% | \$5.04 |
| CPT00231 | Trane | CAPAIITOR; RUN, $20 \mathrm{MFD}, 440 \mathrm{~V}$, OVAL, W/O RESISTOR | CPT00231 | 1 | \$16.14 | 50\% | \$8.07 |
| CPT00233 | Trane | CAPACITOR RUN, 25 MFD, 370 V , ROUND, W/O RESISTOR | CPT00233 | 1 | \$16.05 | 50\% | \$8.03 |
| CPT00235 | Trane | CAPACITOR; RUN, $35 \mathrm{MFD}, 440 \mathrm{~V}$, ROUND, W/O RESIITOR | CPT00235 | 1 | \$19.63 | 50\% | \$9.82 |
| CPT00236 | Trane | CAPACITOR RUN, $40 \mathrm{MFD}, 440 \mathrm{~V}$, ROUND | CPT00236 | 1 | \$22.12 | 50\% | \$11.06 |
| CPT00237 | Trane | CAPACITOR; RUN, $45 \mathrm{MFD}, 440 \mathrm{~V}$, ROUND, W/O RESISTOR | CPT00237 | 1 | \$24.85 | 50\% | \$12.43 |
| СРT00238 | Trane | CAPACITOR; RUN, $50 \mathrm{MFD}, 440 \mathrm{~V}$ ROUND, W/O RESISTOR | CPT00238 | 1 | \$26.74 | 50\% | \$13.37 |
| СРT00239 | Trane | CAPAIITOR; RUN, $55 \mathrm{MFD}, 440 \mathrm{~V}$, ROUND, W/O RESISTOR | CPT00239 | 1 | \$28.55 | 50\% | \$14.28 |
| CPT00240 | Trane | CAPACITOR RUN, $40 \mathrm{MFD}, 370 \mathrm{~V}$, ROUND, W/O RESISTOR | CPT00240 | 1 | \$25.93 | 50\% | \$12.97 |
| CPT00247 | Trane | CAPACITOR, 5 SMFD, 250V | CPT00247 | 1 | \$49.93 | 50\% | \$24.97 |
| CPT00251 | Trane | CAPACITOR; RUN, 10 MFD , 370V, ROUND, W/O RESIITOR | CPT00251 | 1 | \$9.05 | 50\% | \$4.53 |
| CPT00255 | Trane | CAPAIITOR; FAN, 12.5 MFD, 370V, OVAL, W/O RESISTOR CIT | CPT00255 | 1 | \$11.51 | 50\% | \$5.76 |
| CPT00258 | Trane | CAPAIITOR RUN, 12.5 MFD, 440V, ROUND, W/O RESIITOR CIT | CPT00258 | 1 | \$12.21 | 50\% | \$6.11 |
| CPT00259 | Trane | CAPACITOR, START, $189-227$ MFD, 330 V , W/ RESIISOR | СРто0259 | 1 | \$64.21 | 50\% | \$32.11 |
| СРT00270 | Trane | CAPAITOR; RUN, $20 \mathrm{MFD}, 440 \mathrm{~V}$ ROUND, W/RESISTOR | CPT00270 | 1 | \$38.42 | 50\% | \$19.21 |
| CPT00271 | Trane | CAPAIITOR; RUN, $35 \mathrm{MFD}, 440 \mathrm{~V}$ ROUND, WITH RESISTOR | CPT00271 | 1 | \$49.85 | 50\% | \$24.93 |
| CPT00272 | Trane | CAPAITOR; RUN, $40 \mathrm{MFD}, 440 \mathrm{~V}$, ROUND, W/RESISTOR | CPT00272 | 1 | \$54.19 | 50\% | \$27.10 |
| CPT00274 | Trane | CAPACITOR; RUN, $15 \mathrm{MFD}, 440 \mathrm{~V}$, ROUND, W/RESISTOR | CPT00274 | 1 | \$32.66 | 50\% | \$16.33 |
| CPT00275 | Trane | CAPACITOR; RUN, $45 \mathrm{MFD}, 440 \mathrm{~V}, \mathrm{ROUND}$, W/RESISTOR | CPT00275 | 1 | \$59.31 | 50\% | \$29.66 |
| CPT00276 | Trane | CAPACITOR RUN, 6 MFD, 370V, oval, w/O Resistor | CPT00276 | 1 | \$7.03 | 50\% | \$3.52 |
| CPT00283 | Trane | CAPACITOR, $17.5 \mathrm{MFD}, 370 \mathrm{~V}, 1.88 \times 1.75 \times 2.88$, ROUND | CPT00283 | 1 | \$11.39 | 50\% | \$5.70 |
| СРT00298 | Trane | CAPACITOR, START, $145-174$ MFD, 250V, W/RESISTOR | CPT00298 | 1 | \$126.29 | 50\% | \$63.15 |
| СРT00299 | Trane | CAPACITOR, START, $21-25 \mathrm{MFD}, 330 \mathrm{~V}, \mathrm{~W}$ /RESIITOR | СРто0299 | 1 | \$30.05 | 50\% | \$15.03 |
| CPT00316 | Trane | CAPAIITOR RUN, $20 \mathrm{MFD}, 370 \mathrm{~V}$, OVAL, W/O RESISTOR | CPT00316 | 1 | \$13.22 | 50\% | \$6.61 |
| CPT00321 | Trane | CAPAIITOR; RUN, $30 \mathrm{MFD}, 440 \mathrm{~V}$, ROUND, W/RESISTOR | CPT00321 | 1 | \$45.53 | 50\% | \$22.77 |
| СРтооз35 | Trane | CAPACITOR, RUN, 26 MFD, 125V, Non Polarized, 100 WVDC | СРт00335 | 1 | \$29.19 | 50\% | \$14.60 |
| СРTOO400 | Trane | CAPACITOR; | CPT00400 | 1 | \$88.50 | 50\% | \$44.25 |
| CPT00414 | Trane | CAPACITOR, $35 / 5 \mathrm{MFD}, 440 \mathrm{~V}$ | CPTOO414 | 1 | \$67.42 | 50\% | \$33.71 |
| CPT00417 | Trane | CAPACITOR, $30 / 5 \mathrm{MFD}, 370 \mathrm{~V}$ | CPT00417 | 1 | \$81.54 | 50\% | \$40.77 |
| CPT00421 | Trane | CAPAIITOR; RUN, 55 MFD, 440V ROUND, WITH RESIITOR | CPT00421 | 1 | \$72.02 | 50\% | \$36.01 |
| CPT00422 | Trane | CAPAIITOR; RUN, $12.5 \mathrm{MFD}, 440 \mathrm{~V}$, OVAL, W/O RESISTOR | CPT00422 | 1 | \$11.97 | 50\% | \$5.99 |
| CPT00442 | Trane | CAPAITOR; RUN, $25 \mathrm{MFD}, 440 \mathrm{~V}$, ROUND, W/RESISTOR | CPT00442 | 1 | \$40.94 | 50\% | \$20.47 |
| СРT00444 | Trane | CAPACITOR; RUN, $25 \mathrm{MFD}, 440 \mathrm{~V}$, OVAL, W/O RESISTOR | CPTOO444 | 1 | \$17.96 | 50\% | \$8.98 |
| СРT00453 | Trane | CAPACITOR; FAN, 15 MFD, 440V, ROUND, w/O RESITOR | CPT00453 | 1 | \$12.44 | 50\% | \$6.22 |
| СРT00456 | Trane | CAPACITOR; $30 \mathrm{MFD}, 440 \mathrm{~V}$, ROUND ${ }^{\text {a }}$ | CPT00456 | 1 | \$20.06 | 50\% | \$10.03 |
| СРT00457 | Trane | CAPAIITOR, Start | CPT00457 | 1 | \$38.19 | 50\% | \$19.10 |
| CPTO0464 | Trane | CAPAIITOR 20 MFD , 370V, ROUND, W/O RESISTOR | CPT00464 | 1 | \$16.57 | 50\% | \$8.29 |
| CPT00465 | Trane | CAPACITOR RUN, $20 \mathrm{MFD}, 440 \mathrm{~V}$ ( ${ }^{\text {c }}$ | CPT00465 | 1 | \$15.36 | 50\% | \$7.68 |
| CPT00467 | Trane | CAPACITOR;RUN, 25 MFD, 440V | CPT00467 | 1 | \$15.79 | 50\% | \$7.90 |
| CPT00468 | Trane | CAPACITOR RUN, $35 \mathrm{MFD}, 370 \mathrm{~V}$, ROUND ${ }^{\text {c }}$ | CPT00468 | 1 | \$17.29 | 50\% | \$8.65 |
| CPT00651 | Trane | CAPACITOR $45 \mathrm{MFD}, 370 \mathrm{~V}$ | CPT00651 | 1 | \$85.11 | 50\% | \$42.56 |
| CPT00656 | Trane | CAPACITOR; DUAL, $45 / 5 \mathrm{MFD}, 440 \mathrm{~V}$, ROUND, W/O RESIITOR | CPT00656 | 1 | \$35.10 | 50\% | \$17.55 |
| СРT00657 | Trane | CAPACITOR; DUAL, $50 / 12.5 \mathrm{MFD}, 440 \mathrm{~V}$ ROUND, W/O RESITTOR | CPT00657 | 1 | \$65.51 | 50\% | \$32.76 |
| CPT00658 | Trane | CAPACITOR DUAL, 20/4 MFD, 440V, ROUND, W/RESIITOR | CPT00658 | 1 | \$40.79 | 50\% | \$20.40 |
| СРT00659 | Trane | CAPAIITOR; DUAL, $30 / 5 \mathrm{MFD}, 440 \mathrm{~V}$, ROUND, W/O RESIITOR | CPT00659 | 1 | \$30.85 | 50\% | \$15.43 |
| CPT00660 | Trane | CAPAIITOR; DUAL, $50 / 5 \mathrm{MFD}, 440 \mathrm{~V}$, ROUND, W/O RESIITOR | CPT00660 | 1 | \$32.04 | 50\% | \$16.02 |
| CPT00667 | Trane | CAPACITOR DUAL, $35 / 4 \mathrm{MFD}, 440 \mathrm{~V}, \mathrm{ROUND}$, W/O RESISTOR | CPT00667 | 1 | \$30.85 | 50\% | \$15.43 |
| CPT00668 | Trane | CAPAIITOR; DUAL, $440 \mathrm{~V}, 40 / 5 \mathrm{MFD}$, ROUND, W/O RESIITOR | CPT00668 | 1 | \$33.76 | 50\% | \$16.88 |
| СРT00669 | Trane | CAPACITOR; DUAL, $45 / 7.5 \mathrm{MFD}, 440 \mathrm{~V}, \mathrm{ROUND}$, W/O RESISTOR | CPT00669 | 1 | \$54.29 | 50\% | \$27.15 |
| СРT00670 | Trane | CAPACITOR; DUAL, $55 / 5 \mathrm{MFD}, 440 \mathrm{~V}$ ROUND, W/O RESIITOR | CPT00670 | 1 | \$38.66 | 50\% | \$19.33 |
| CPT00671 | Trane | CAPACITOR; DUAL, $55 / 7.5 \mathrm{MFD}, 440 \mathrm{~V}$, ROUND, W/O RESISTOR | CPT00671 | 1 | \$64.44 | 50\% | \$32.22 |
| CPT00672 | Trane | CAPAIITOR; DUAL, $30 / 4 \mathrm{MFD}, 440 \mathrm{~V}$, W/O RESISTOR | CPT00672 | 1 | \$39.00 | 50\% | \$19.50 |
| СРT00673 | Trane | CAPACITOR DUAL, 20/4 MFD, 440V, ROUND, W/O RESISTOR CITR | СРT00673 | 1 | \$36.93 | 50\% | \$18.47 |
| CPT00674 | Trane | CAPACITOR DUAL, 40/4 MFD, 440V, w/O RESITTOR | CPT00674 | 1 | \$36.21 | 50\% | \$18.11 |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or faciity. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted Inc Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, $\quad$, platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance; and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned ind systems ingration, or mainten ere Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
A. General Purposin, Kecomm eas (e smart

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' $\mathbf{l o c a t i o n ~ i n ~ t h e ~ e v e n t ~ o f ~ a ~ f i r e ~ o r ~ e m e r g e n c y . ~}$


The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
Energy Man Microprocesser-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handers, fan coil, unit ventilator, heat pump, reme I/Q modules, etc. which are Factory Moled HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, $\quad$ Interface Pane ( 1 , and/or other similar device, which utilize certain platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementionern, systems integration, or mainten

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
A. General Purpose In,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mor Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance: and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenace of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs howers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, et. to be purchased rom these contracts for any other purposes, including, but not imited to
A. General Purpose In,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' 'ocation in the event of a fire or emergency.


The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mor Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, , Alarm Interface Pand , an/or other similar device, which tilize cera platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance: and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenace of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, howers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased rom these contracts for any other purposes, including, but not imited to
A. General Purpose I, Telecommunicaions,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FiNlarm Interface Pa, andor other similar device, which utilize certain platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance; and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs howers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
A. General Purpose I, Tecommumicaions, Nersorg Cablig,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' 'ocation in the event of a fire or emergency.

|  |  |  |  | $\begin{gathered} \text { "Warranty Period - \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54^{"} \end{gathered}$ | Lst Price | \% Discoumt | NYS Nel Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| DMP01936 | Trane | DAMPER \#21, $63.00 \times 19.72 \times 14.47$, PARALLEL | DMP01936 | 1 | \$1,151.40 | 50\% | \$575.70 |
| DMP01938 | Trane | DAMPER $\# 30,68.00 \times 25.47 \times 14.47$, PARALLEL | DMP01938 | 1 | \$1,086.69 | 50\% | \$543.35 |
| DMP01939 | Trane | DAMPER $\# 35,66.00 \times 31.22 \times 25.97$, PARALLEL | DMP01939 | 1 | \$1,453.30 | 50\% | \$726.65 |
| DMP01959 | Trane | DAMPER; $\# 30,68.00 \times 25.47 \times 14.47$, OPPOSED | DMP01959 | 1 | \$1,253.26 | 50\% | \$626.63 |
| DMP02065 | Trane | DAMPER; ASSEMBLY, COMPLETE, 10 " | DMP02065 | 1 | \$216.82 | 50\% | \$108.41 |
| DMP02069 | Trane | dAmper; barometric relef (baybarmo10aA) | DMP02069 | 1 | \$272.00 | 50\% | \$136.00 |
| DMP02175 | Trane | DAMPER; 0-50\% MANUAL OUTSIDE AIR DAMPER (BAYDMPRO53BA) | DMP02175 | 1 | \$333.00 | 50\% | \$166.50 |
| DMP02176 | Trane | DAMPER; 0-50\% MANUAL OUTSIDE AIR DAMPER (BAYDMPR056BA) | DMP02176 | 1 | \$321.00 | 50\% | \$160.50 |
| DMP02807 | Trane | DAMPER ASSY., LOW LEAK, $55.25 \times 36.97 \times 25.97$, MCCB 57/66 | DMP02807 | 1 | \$1,481.61 | 50\% | \$740.81 |
| DMP02831 | Trane | DAMPER ASSEMBLY 100 D | DMP02831 | 1 | \$2,135.26 | 50\% | \$1,067.63 |
| DMP02839 | Trane | damper barometric rellef (baybarmo10ab) | DMP02839 | 1 | \$221.03 | 50\% | \$110.52 |
| DMP02840 | Trane | damper barometric rellef (baybarm011AB) | DMP02840 | 1 | \$322.77 | 50\% | \$161.39 |
| DMP02853 | Trane | DAMPER; VARITRAC BYPASS 10" ROUND (VadA10BYPs30) | DMP02853 | 1 | \$506.29 | 50\% | \$253.15 |
| DMP02982 | Trane | DAMPER; ASSY., 13 " TRAQ DAMPER | DMP02982 | 1 | \$531.44 | 50\% | \$265.72 |
| DMP02987 | Trane | DAMPER; $13.25 \times 13.97$, PARALLEL AIRFoIl blades | DMP02987 | 1 | \$371.92 | 50\% | \$185.96 |
| DMP02996 | Trane | DAMPER; $58.50 \times 25.47$, w/ PARALLEL AIRFoIl blades | DMP02996 | 1 | \$835.23 | 50\% | \$417.62 |
| DMP03198 | Trane | DAMPER; ACTUATOR PROPORTIONING 2 -10 VdC 25 LB-IN TORQUE, 90 deg ؛ | DMP03198 | 1 | \$361.52 | 50\% | \$180.76 |
| DoRoog31 | Trane | DOOR; ACCESS | DOR00931 | 1 | \$1,878.37 | 50\% | \$939.19 |
| Dor01050 | Trane | DOOR; BEZEL | DOR01050 | 1 | \$55.54 | 50\% | \$27.77 |
| Dor01059 | Trane | DOORASSEMBLY, Y-DELTA, CONTROL PANEL DIS | DOR01059 | 1 | \$947.37 | 50\% | \$473.69 |
| Doro1074 | Trane | DOOR; CONTROL ACCESS W/O KEY LOCK | DOR01074 | 1 | \$57.03 | 50\% | \$28.52 |
| DoR01075 | Trane | DOOR CONTROL ACCESS W/O KEY Lock | DORO1075 | 1 | \$88.07 | 50\% | \$44.04 |
| Doro1144 | Trane | DOOR; ACCESS W/O LOCK SOFT Dove | DORO1144 | 1 | \$161.71 | 50\% | \$80.86 |
| Doro1145 | Trane | DOOR; ACCESS W/O LOCK CAMEO WHite | DORO1145 | 1 | \$166.93 | 50\% | \$83.47 |
| DoR01146 | Trane | DOOR ACCESS W/O LOCK DRIITWOOD GREY | DOR01146 | 1 | \$156.98 | 50\% | \$78.49 |
| DoR01147 | Trane | DOOR; ACCESS W/O LOCK STONE GREY | DORO1147 | 1 | \$104.40 | 50\% | \$52.20 |
| DOR01228 | Trane | DOOR STAT ACCESS W/LOCK COLOR- DELUXE BEIGE FC \& FF 020-120 UNITS D | DOR01228 | 1 | \$158.80 | 50\% | \$79.40 |
| DORO1229 | Trane | DOOR STAT ACCESS W/LOCK COLOR - SOFT Dove mill | DOR01229 | 1 | \$181.42 | 50\% | \$90.71 |
| Doro1230 | Trane | DOOR STAT ACCESS W/LOCK COLOR - CAMEO WHITE DIt | DORO1230 | 1 | \$160.84 | 50\% | \$80.42 |
| Dor01231 | Trane | DOOR; STAT ACCESS W/LOCK COLOR - DRIIFWOOD GREY | DOR01231 | 1 | \$136.11 | 50\% | \$68.06 |
| Doro2240 | Trane | DOOR; ASSEMBLY W/ADHESIVE, FLIP-UP TYPE, FOR UV RADIATION ON AN OID | DORO2240 | 1 | \$42.67 | 50\% | \$21.34 |
| DORO2428 | Trane | DOOR; ASSY., MCCB 50 MED LRG, W/O WINDOW, ACCESS/INSPECTION D | DORO2428 | 1 | \$2,622.86 | 50\% | \$1,311.43 |
| DoR02754 | Trane | DOOR; REPLACEMENT BLOWER DOOR ASM. | DOR02754 | 1 | \$118.35 | 50\% | \$59.18 |
| DoR02774 | Trane | DOOR; CONTROL | DORO2774 | 1 | \$15.42 | 50\% | \$7.71 |
| Doro2843 | Trane | door; replacement burner door asm. with inner door labels din | DORO2843 | 1 | \$108.79 | 50\% | \$54.40 |
| DoR03114 | Trane | DOOR; ASSY, RETURN AIR, HINGED, W/O LOCK, 28.61 INCHES WIDE | DORO3114 | 1 | \$804.16 | 50\% | \$402.08 |
| Doro3744 | Trane | DOOR; FAN ACCESS | DORO3744 | 1 | \$706.57 | 50\% | \$353.29 |
| DoR03755 | Trane | DOOR CONTROL ACCESS | DORO3755 | 1 | \$189.06 | 50\% | \$94.53 |
| Doro3820 | Trane | DOOR; REPLACEMENT BLOWER ASSEMBLY | DORO3820 | 1 | \$132.78 | 50\% | \$66.39 |
| DoR03986 | Trane | DOOR; ASSY., CSAA 40, ACCESS DOOR FOR EQUPMENT ORDER C4G255A D | DORO3986 | 1 | \$1,024.34 | 50\% | \$512.17 |
| Doro3993 | Trane | DOOR; ASSY., REPLACMENT FOR EQUIPMENT ORDER C1-Q694A DI | DORO3993 | 1 | \$879.36 | 50\% | \$439.68 |
| DRN00005 | Trane | DRAIN: ASSEMBLY FOR RAM-5 GUN ASSEMBLY | DRN00005 | 1 | \$154.00 | 50\% | \$77.00 |
| DRN00007 | Trane | DRAIN OIL DRAIN FOR DIECAST VP, GAS BALLAST WITH O-RING, RITCHIE 9331 | DRN00007 | 1 | \$31.55 | 50\% | \$15.78 |
| DRV00260 | Trane | MODULE; POWER, 405 AMP, LlQUIFLO 2, NEW | DRV00260 | 1 | \$57,541.71 | 50\% | \$28,770.86 |
| DRV00269 | Trane | DRIVE; VFD, 200/230V, 5 HP, REMANUFACTURED, FOR KEYPAD ORDER MODC D | DRV00269 | 1 | \$1,910.00 | 50\% | \$955.00 |
| DRV00280 | Trane | DRIVE; VFD, $460 \mathrm{~V}, 7.5 \mathrm{HP}, 11 \mathrm{FLA}$, TR16000, 460 V , NEMA 1 , REMANUFACTUF D | DRV00280 | 1 | \$1,935.00 | 50\% | \$967.50 |
| DRV00294 | Trane | DRIVE; VFD, 460 V , 25 HP, REMANUFACTURED, FOR KEYPAD ORDER MODO14 | DRV00294 | 1 | \$4,335.00 | 50\% | \$2,167.50 |
| DRV00321 | Trane | DRIVE; VFD, 460V, 5HP, REMANUFACTURED, FOR KEYPAD ORder modoit1! | : DRvo0321 | 1 | \$1,767.01 | 50\% | \$883.51 |
| DRV00443 | Trane | DRIVE; VFD, $460 \mathrm{~V}, 15 \mathrm{HP}$, FOR KEYPAD ORDER MODO1415 | DRV00443 | 1 | \$3,051.00 | 50\% | \$1,525.50 |
| DRV00446 | Trane | DRIVE; VFD, $460 \mathrm{~V}, 30 \mathrm{HP}$, FOR KEYPAD ORDER MOD01415 | DRvoo446 | 1 | \$5,167.00 | 50\% | \$2,583.50 |
| DRV00566 | Trane | DRIVE; VFD, 200/230V, 5 HP | DRV00566 | 1 | \$2,459.20 | 50\% | \$1,229.60 |
| DRV00569 | Trane | DRIVE; VFD, $460 \mathrm{~V}, 3 \mathrm{HP}$ | DRvo0569 | 1 | \$2,494.61 | 50\% | \$1,247.31 |
| DRV00570 | Trane | DRIVE; VFD, $460 \mathrm{~V}, 5 \mathrm{HP}$ | DRV00570 | 1 | \$2,627.98 | 50\% | \$1,313.99 |
| DRV00580 | Trane | DRIVE; VFD, $5755 \mathrm{~V}, 125 \mathrm{HP}$ | DRV00580 | 1 | \$26,669.17 | 50\% | \$13,334.59 |
| DRV00596 | Trane | DRIVE;2800 SERIIS, 1.5HP, 380-480VAC, BOOKSTYLE, RATED AT 70 C, WITH I D | DRV00596 | 1 | \$1,619.36 | 50\% | \$809.68 |
| DRV00683 | Trane | DRIVE; VFD, 7.5 HP, 460V | DRV00683 | 1 | \$2,385.14 | 50\% | \$1,192.57 |
| DRV00684 | Trane | DRIVE; VFD, $10 \mathrm{HP}, 460 \mathrm{~V}$ | DRV00684 | 1 | \$3,540.08 | 50\% | \$1,770.04 |
| DRV00687 | Trane | DRIVE VFD, $10 \mathrm{HP}, 200-208 \mathrm{~V}$ | DRV00687 | 1 | \$3,501.68 | 50\% | \$1,750.84 |
| DRV00688 | Trane | DRIVE; VFD, $15 \mathrm{HP}, 460 \mathrm{~V}$ | DRvoos88 | 1 | \$3,328.22 | 50\% | \$1,664.11 |
| DRV00689 | Trane | DRIVE; VFD, $20 \mathrm{HP}, 460 \mathrm{~V}$ | DRV00689 | 1 | \$3,940.00 | 50\% | \$1,970.00 |
| DRV00690 | Trane | DRIVE; VFD, $25 \mathrm{HP}, 460 \mathrm{~V}$ | DRV00690 | 1 | \$5,170.50 | 50\% | \$2,585.25 |
| DRV00697 | Trane | DRIVE; VFD, $30 \mathrm{HP}, 460 \mathrm{~V}$ | DRV00697 | 1 | \$5,332.29 | 50\% | \$2,666.15 |
| DRV00699 | Trane | DRIVEVFD, $50 \mathrm{HP}, 460 \mathrm{~V}$ | DRV00699 | 1 | \$9,185.56 | 50\% | \$4,592.78 |
| DRV00711 | Trane | DRIVE; VFD, $20 \mathrm{HP}, 460 \mathrm{~V}, \mathrm{~W} / \mathrm{INTERNAL}$ FUSES | DRV00711 | 1 | \$3,494.64 | 50\% | \$1,747.32 |
| DRV00713 | Trane | DRIVE VFD, $25 \mathrm{HP}, 460 \mathrm{~V}$, W/INTERNAL FUSES | DRV00713 | 1 | \$5,170.50 | 50\% | \$2,585.25 |
| DRV00980 | Trane | DRIVE TR-200, 5 HP, 380-480V, NEMA 1, GRAPHICAL DISPLAY, RFI FILER CLAS: DId | DRV00980 | 1 | \$4,054.26 | 50\% | \$2,027.13 |
| DRV00983 | Trane | DRIVEVFD | DRV00983 | 1 | \$2,587.69 | 50\% | \$1,293.85 |
| DRV01080 | Trane | DRIVETR-200P37KTAP21H2XGxxxxsxxxxaxbxcxxxxDx 50HP, 380-480V, NE D | DRV01080 | 1 | \$13,223.92 | 50\% | \$6,611.96 |
| DRV01372 | Trane | DRIVE REMAN TR200 VFD $75 \mathrm{KW} / 100 \mathrm{HP}, 380-480 \mathrm{VAC}$, no brake Chopp did | DRV01372 | 1 | \$19,369.43 | 50\% | \$9,684.72 |
| DRV01474 | Trane | DRIVE TR-200P5K5T2P21H2XGx3xxsxxxxAxBxCxxxxdx 7.5HP, 200-240V, N D | DRV01474 | 1 | \$5,084.37 | 50\% | \$2,542.19 |
| DRV01607 | Trane | DRIVE 60HP, 380-480V, NEMA 1, TR-200P45KT4E21H2XGXXXXSxXxxAXBXCX D | DRV01607 | 1 | \$15,524.09 | 50\% | \$7,762.05 |
| DRV01638 | Trane | DRIVE REMAN, TR-200P1K1T4E2OH2XGXxxxsxxxxafbkcxxxxdx, $1.1 \mathrm{~kW} / 1 \mathrm{~d}$ | DRV01638 | 1 | \$3,088.27 | 50\% | \$1,544.14 |
| DRV01646 | Trane | DRIVE TR-200P7K5T4E21H2XGx1XxsxxxxAxBxCxxxxdx. | DRV01646 | 1 | \$4,645.85 | 50\% | \$2,322.93 |
| DRV01728 | Trane | DRIVE REMAN, $2.2 \mathrm{~kW} / 3.0 \mathrm{HP}, 380-480 \mathrm{VAC}$, THREE Phase, IP21/TYPE 1 , D | DRV01728 | 1 | \$2,630.00 | 50\% | \$1,315.00 |
| DSk00091 | Trane | DISK; RUPTURE, 21 N . NPS, 15 PSI/300F, 150\#\# FLANGE RATING | DSk00091 | 1 | \$425.52 | 50\% | \$212.76 |
| DSk00092 | Trane | DISk; RUPTURE, 3 IN.NPS, 15 NPS/300F 150\# FLANGE RATING | Dskooo92 | 1 | \$504.80 | 50\% | \$252.40 |
| DSK00094 | Trane | DISK; RUPTURE, 2 IN. NPS, 15 PSI/300F 150\# FLANGE RATING | DSk00094 | 1 | \$599.45 | 50\% | \$299.73 |
| Dsko0096 | Trane | disk; RUPTURE, $4^{\prime \prime}$, REVERSE BUCKLING, 15 PSIG RAting | DSkooog6 | 1 | \$3,848.02 | 50\% | \$1,924.01 |
| DSk00110 | Trane | disk; RUPTURE GUARD, 3 IN. (INCL. aty 2 O-RINGS) | DSk00110 | 1 | \$1,511.38 | 50\% | \$755.69 |
| DSk00118 | Trane | disk; RUPTURE, 4 INCH WELDed frx, Includes 2 O-RINGS | DSk00118 | 1 | \$2,227.21 | 50\% | \$1,113.61 |
| DSK00125 | Trane | DISk; RUPTURE, 2 IN. NON-FRAGMENTING | DSk00125 | 1 | \$1,158.68 | 50\% | \$579.34 |
| DST00040 | Trane | DISTRRBUTOR 6 OUTLETS, 25 ODF, 88 ODM InLET, LESS NOZZLE \& RING DS | DST00040 | 1 | \$91.40 | 50\% | \$45.70 |
| DST00054 | Trane | DISTRIBUTOR; DTor | DST00054 | 1 | \$1,076.19 | 50\% | \$538.10 |
| DST00105 | Trane | DISTRIBUTRR; GAS BURNER, 10.70 DIA $\times 1.50 \mathrm{~W}$ W | DST000105 | 1 | \$275.11 | 50\% | \$137.56 |
| DST00127 | Trane |  | DST00127 | 1 | \$60.34 | 50\% | \$30.17 |
| DST00365 | Trane | DISTRIBUTRR, 10 OUTLETS, 19 ODF | DST00365 | 1 | \$60.76 | 50\% | \$30.38 |
| DST00381 | Trane | DISTRIBUTRR; 6 OUTLETS | DST00381 | 1 | \$160.20 | 50\% | \$80.10 |
| DST00393 | Trane | DISTRIBUTRR; 6 OUTLETS. 109 ODF | DST00393 | 1 | \$109.20 | 50\% | \$54.60 |
| DST00851 | Trane | DISTRIBUTRR; SPRAYER, MULT-PURPOSE HAND D | DST00851 | 1 | \$4.10 | 50\% | \$7.05 |
| DST00852 | Trane | DISTRIBUTOR; SPRAYER, No. 5OP POLY DIT | DST00852 | 1 | \$74.10 | 50\% | \$37.05 |
| DST00856 | Trane | DISTRIBUTOR; SPRAYER, NO. 300P | DST00856 | 1 | \$186.33 | 50\% | \$93.17 |
| DST00857 | Trane | DISTRIBUTOR; COIL GUN - HOSE END SPRAYER DIC | DST00857 | 1 | \$151.74 | 50\% | \$75.87 |
| DUC00226 | Trane |  | DUC00226 | 1 | \$129.56 | 50\% | \$64.78 |
| DUC00234 | Trane | DUCT FOR USE WITH 24.00 AF FAN, CANVAS DUCClo | DUC00234 | 1 | \$85.50 | 50\% | \$42.75 |
| DUC01040 | Trane | duct; flue exhaust, Aluminum coated welded steel tubing ducher | DUC01040 | 1 | \$282.34 | 50\% | \$141.17 |
| DUC01041 | Trane | DUCT;EXT 61 IN . OP24, OP60, CP26, Cl40, Cl60 | DUC01041 | 1 | \$100.00 | 50\% | \$50.00 |
| DUC01043 | Trane | DUCT; EXT 12 IN. ., OP12, OP24, C110, CL18, CP14, CP26, CL40, Cl60 | DUC01043 | 1 | \$180.00 | 50\% | \$90.00 |
| DUC01044 | Trane | DUCT;EXT 5 IN. 6 TO 10FF, OP12, CL10, CL18,CP14 | DUC01044 | 1 | \$80.00 | 50\% | \$40.00 |
| DUC01046 | Trane | DUCT; STANDARD 6IN,OP24 DUC | DUC01046 | 1 | \$90.00 | 50\% | \$45.00 |
| DUC01049 | Trane | DUCT: 8 INCH BY 25 FEET WIRE REINFORCED ACCORDIAN STYLE duct dut | DUC01049 | 1 | \$315.24 | 50\% | \$157.62 |
| duc01050 | Trane | DUCT; ACCORDION STYLE FOR EVAP. OR COND., 25 FT, OP36, OP60 DUC | duc01050 | 1 | \$521.90 | 50\% | \$260.95 |
| DUC01104 | Trane |  | DUC01104 | 1 | \$142.00 | 50\% | \$71.00 |
| DUC01115 | Trane | DUCT; SLIMDUCT SD-100-1, 78 INCH LENGTH, $4 \times 2.75$ OD DU' | DUC01115 | 1 | \$79.84 | 50\% | \$39.92 |
| DUC01116 | Trane | DUCT; SLIMDUCT SD-100-B, 78 INCH LENGTH, $4 \times 2.75$ OD DUCO | DUC01116 | 1 | \$98.46 | 50\% | \$49.23 |
| DUC01175 | Trane | DUCT; 12" $\times 10$ ' Collapsable duct | DUC01175 | 1 | \$137.44 | 50\% | \$68.72 |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or faciity. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted Inc Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FAAP), and/or other similar device, which utilize certain platforms/systems.
3. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance; and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned instal m, systems integration, or mainten of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs howers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
A. General Purpose In,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used.
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' $\mathbf{l}$ location in the event of a fire or emergency.


The scope of this contract includes the following:

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A. General Purpss Adio-Video equent or systems ( $e . g$. smart boards projectors, studio broadcasting conference rooms, video vide conferencing equipment, Theatre Screens $D$ Displays, etc)

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A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
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|  |  |  |  | "Warranty Period - \# of year(s) after acceptance as required by Appendix B |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | ptance as required by Appendix B, Clause $54^{\prime \prime}$ | Lst Picte | \% Discount | NvS Nal Price |
| FAN02765 | Trane | FAN; 3 BLADE, ALUMINUM, 18 IN DIA, 29 deg Pitch, CW, $1 / 2$ IN BORE F | FAN02765 | 1 | \$118.09 | 50\% | \$59.05 |
| FAN02777 | Trane | FAN; 3 BLADE, 26 IN DIA., 32 DEGREE PITCH, CW, 625 Bore | fano2777 | 1 | \$109.62 | 50\% | \$54.81 |
| fano2778 | Trane | FAN; 4 BLADE, ALUM, 26 IN DIA, 32 DEGREE PITCH, CW, 625 Bore F | fano2778 | 1 | \$138.35 | 50\% | \$69.18 |
| fano2779 | Trane | FAN; 4 BLADE, 28 IN DIA., 29 DEGREE PITCH, CW. F | fano2779 | 1 | \$160.06 | 50\% | \$80.03 |
| fano2787 | Trane | Fan; 4 BLAdE, ALUMINUM, 28 INCH DiA, 29 deg Pitch, $5 / 8$ In Bore, cw f | FAN02787 | 1 | \$138.13 | 50\% | \$69.07 |
| FAN02788 | Trane | FAN; 4 BLADE, ALUMINUM, 28 INCH DIA, 29 deg Pitch, $5 / 8 \mathrm{IN}$ Bore, CCW F | fano2788 | 1 | \$138.74 | 50\% | \$69.37 |
| FAN02843 | Trane | FAN; 3 BLD, ALUMINUM, 22 In dia, 16 DEG PITCH 50 In Bore, CCW ROT. F | FAN02843 | 1 | \$127.00 | 50\% | \$63.50 |
| FANO2938 | Trane | FAN MOTOR ASSEMBIY, $24 \mathrm{VVDC}, 110 \mathrm{CFM}$, 4.69 SQuARE 1.54 deEp F | FAN02938 | 1 | \$674.47 | 50\% | \$337.24 |
| FANO2939 | Trane | FAN; ASSEMBLY, $10 \times 6$, WHEEL \& HOUSING, CW ROTATION | FAN02939 | 1 | \$330.52 | 50\% | \$165.26 |
| Fano2940 | Trane | FAN ASSEMBLY, $9 \times 4$, Wheel \& housing, CCW Rotation f | fano2940 | 1 | \$263.86 | 50\% | \$131.93 |
| Fano2941 | Trane | FAN ASSEMBLY, $9 \times 4$, Wheel \& housing, cCw rotation f | fano2941 | 1 | \$273.18 | 50\% | \$136.59 |
| FAN02989 | Trane | FAN ASSEMBLY, WHEEL \& HOUSING, 9.773 WIDE X 8.792 HIGH F | fano2989 | 1 | \$337.60 | 50\% | \$168.80 |
| FANo2999 | Trane | FAN ASSY., CLS 1, ATZAF AF Housed fan | FAN02999 | 1 | \$2,777.18 | 50\% | \$1,388.59 |
| Fano3041 | Trane | FAN; 2 BLADE, 22 IN DIA, 22 DEG PITCH, CCW, $1 / 2$ Bore | fano3041 | 1 | \$92.36 | 50\% | \$46.18 |
| FAN03043 | Trane | FAN; 2 BLADE, 22 IN DIA, 30 DEG PITCH, CCW, $1 / 2$ Bore F | FAN03043 | 1 | \$91.39 | 50\% | \$45.70 |
| FANo3044 | Trane | FAN; 3 BLADE, 22 IN DIA, 24 DEG PITCH, CCW, $1 / 2$ Bore | FANO3044 | 1 | \$100.71 | 50\% | \$50.36 |
| fano3045 | Trane | FAN; 3 BLADE, 22 IN DIA, 26 DEG PITCH, CCW, $1 / 2$ Bore | fano3045 | 1 | \$102.73 | 50\% | \$51.37 |
| fano3046 | Trane | FAN; 4 BLADE, 22 IN DIA, 24 DEG PITCH, CCW, $1 / 2$ Bore | fano3046 | 1 | \$114.57 | 50\% | \$57.29 |
| fano3049 | Trane | FAN; CENTRIIUGAL ASSY W/ $1 / 35$ HP MOTOR, SINGLE STAGE INDUCER, 208-F | fano3049 | 1 | \$329.23 | 50\% | \$164.62 |
| FAN03081 | Trane | FAN; INDOOR ASSY DF, 15TON 460V STD | fano3081 | 1 | \$2,966.84 | 50\% | \$1,483.42 |
| FAN03130 | Trane | FAN; 2 SPEED COMBUSTION AIR BLOWER, 1/15 HP MOTOR, 208-230/50-60/ F | FAN03130 | 1 | \$478.57 | 50\% | \$239.29 |
| FAN03132 | Trane | FAN; COMPLETE INDOOR BLOWER ASSEMBLY F | FAN03132 | 1 | \$1,542.70 | 50\% | \$771.35 |
| FAN03151 | Trane | FAN; 5 -BLADE, 37 deg pitch, 1/4" Center mounting hole fale | fano3151 | 1 | \$21.32 | 50\% | \$10.66 |
| FAN03159 | Trane | FAN; 4 BLADE, $26 \mathrm{IN} \mathrm{DIA}$,26 DEG PITCH, CCW, $1 / 2 \mathrm{BORE}$ F | FAN03159 | 1 | \$135.22 | 50\% | \$67.61 |
| fano3160 | Trane | FAN; 4 BLADE, $26 \mathrm{IN} \mathrm{DIA}$,28 DEG PITCH, CCW, $1 / 2 \mathrm{BORE}$ P | fano3160 | 1 | \$137.90 | 50\% | \$68.95 |
| fano3161 | Trane | FAN; 3 BLADE, ALUMINUM, 19 " DIA, 23 DEGREES PITCH, .050" Bore, ccw, 1 F | fano3161 | 1 | \$95.58 | 50\% | \$47.79 |
| FAN03162 | Trane | FAN; 4 BLADE, 26 IN DIA, 30 DEG PITCH, CCW, $1 / 2 \mathrm{BORE}$ | FAN03162 | 1 | \$137.90 | 50\% | \$68.95 |
| FAN03183 | Trane | FAN; 115 V ELECTRIC COOLING For ram-5 F | FAN03183 | 1 | \$70.00 | 50\% | \$35.00 |
| FAN03233 | Trane | FAN Wheel and housing assembly (15 X 11) F | FAN03233 | 1 | \$594.10 | 50\% | \$297.05 |
| FAN03257 | Trane | FAN; COMPLETE BLOWER ASSEMBLY FA | FAN03257 | 1 | \$2,027.30 | 50\% | \$1,013.65 |
| fano3316 | Trane | FAN; COMPLETE BLOWER ASSEMBLY F | fano3316 | 1 | \$2,893.49 | 50\% | \$1,446.75 |
| fano3325 | Trane | FAN CONDENSER F | fano3325 | 1 | \$32.72 | 50\% | \$16.36 |
| fano3326 | Trane | fan; Cross-flow fa | fano3326 | 1 | \$286.91 | 50\% | \$143.46 |
| fanoz330 | Trane | FAN; ASSEMBLY; CONDENSER, Includes housing, blower, Shaft And be f | fano3330 | 1 | \$2,729.05 | 50\% | \$1,364.53 |
| FAN03374 | Trane | fan Complete indoor blw assembly, belt drive fale | FAN03374 | 1 | \$2,168.28 | 50\% | \$1,084.14 |
| FAN03398 | Trane | FAN; SCROLL ASSEMBLY (RIGHT) FA | FAN03398 | 1 | \$254.23 | 50\% | \$127.12 |
| FAN03502 | Trane | FAN; 3 BLADE, AL, 22 IN DIA, 32 DEG PITCH, CW, . 50 Bore discharge F | FAN03502 | 1 | \$104.28 | 50\% | \$52.14 |
| FAN03521 | Trane | FAN; HEATSINK TOP MOUNT, N1/IP20 | fano3521 | 1 | \$889.40 | 50\% | \$444.70 |
| FAN03584 | Trane | FAN; ASSEMBLY Y INCLUDES Housing \& Wheel \& Shaft \& bearings f | fano3584 | 1 | \$2,978.12 | 50\% | \$1,489.06 |
| FAN03592 | Trane | FAN, 2 SWEPT BLADE, 27.6 " DiA, 28 degrees Pitch, 50 " bore, ccw, alum $f$ | fano3592 | 1 | \$81.57 | 50\% | \$40.79 |
| FAN03648 | Trane | FAN 120MM | FAN03648 | 1 | \$313.93 | 50\% | \$156.97 |
| FAN03649 | Trane | FAN; 92MM F | FAN03649 | 1 | \$215.37 | 50\% | \$107.69 |
| FAN03692 | Trane | FAN; VENT RTAC PANEL FA | FAN03692 | 1 | \$362.82 | 50\% | \$181.41 |
| FAN03729 | Trane | FAN COMBUSTION BLOWER, $1 / 15$ HP MOTOR, 208-230/50-60/1, 2800/3350 F | FAN03729 | 1 | \$542.35 | 50\% | \$271.18 |
| FANo3730 | Trane | FAN COMBUSTION BLOWER, $1 / 35$ HP MOTOR, 208-230/50-60/1, 2500/3000 F | fano3730 | 1 | \$328.84 | 50\% | \$164.42 |
| fano3753 | Trane | FAN, 3 BLADE, ALUMINUM, 19 " DIA, 33 DEGREES PITCH, 50 " bore, CCW, 1 Sf | fano3753 | 1 | \$94.14 | 50\% | \$47.07 |
| fano3769 | Trane | FAN; 3 BLADE, $26 \mathrm{IN} \mathrm{DIA}$,22 DEG PITCH, CCW, $1 / 2$ Bore | fan03769 | 1 | \$100.50 | 50\% | \$50.25 |
| fano3774 | Trane | FAN AND Housing Assembly firle | fano3774 | 1 | \$141.44 | 50\% | \$70.72 |
| FAN03842 | Trane | FAN; PROPELLER, 26 Inch, 30 degree Pitch, 3 blade, 50 bore aluminun f | FANO3842 | 1 | \$80.98 | 50\% | \$40.49 |
| FAN03956 | Trane | FAN 8 -3/4 IN. DIA. 22 DEGREE PITCH F | FAN03956 | 1 | \$79.63 | 50\% | \$39.82 |
| FAN03957 | Trane | FAN 10 IN. DIA. 28 DEGREE PITCH F | FAN03957 | 1 | \$19.77 | 50\% | \$59.89 |
| FAN03958 | Trane | FAN 10 IN. DIA. 35 DEGREE PITCH F | FAN03958 | 1 | \$81.99 | 50\% | \$41.00 |
| fano3959 | Trane | FAN $8-3 / 4 \mathrm{IN}$. DIA. 32 DEGREE PITCH | fano3959 | 1 | \$117.42 | 50\% | \$58.71 |
| FAN03961 | Trane | FAN 16 IN DIA. $3 / 81 \mathrm{~N}$. Bore, 20 DEGREE PITCH | fano3961 | 1 | \$131.45 | 50\% | \$65.73 |
| fano3963 | Trane | FAN 18 IN. DIA. $1 / 2$ IN BORE, 26 DEGREE PITCH(3. 12 WIDE) F | fano3963 | 1 | \$135.96 | 50\% | \$67.98 |
| FAN03965 | Trane | FAN; 20 IN. DIA. $5 / 8$ IN BORE, 26 Degree Pitch F | FAN03965 | 1 | \$305.72 | 50\% | \$152.86 |
| FAN03975 | Trane | FAN; BLOWER ASSEMBLY, W/MODULATING MOTOR CENTRIIUGGAL, $350 / 390$ F | FAN03975 | 1 | \$325.70 | 50\% | \$162.85 |
| FAN04003 | Trane | FAN, 3 BLADE, ALUMINUM, 23 " DIA, 26 DEGREES PITCH, 50 " BORE, CCW, 1 SF | FANo4003 | 1 | \$54.00 | 50\% | \$27.00 |
| Fano4004 | Trane | FAN, 3 BLADE, ALUMINUM, 23 " DIA, 29 DeGREES PITCH, 50 " bore, CCW, 1 : F | fano4004 | 1 | \$103.44 | 50\% | \$51.72 |
| fano4025 | Trane | FAN 5 BLADE, 12 INCH DIA., $5 / 8 \mathrm{INCH}$ Bore, 40 deg. PITCH | fano4025 | 1 | \$117.67 | 50\% | \$58.84 |
| Fano4072 | Trane | FAN; 3 BLADE, ALUMINUM, $27.6^{\prime \prime}$ DIA, 20 DEGREES PITCH, . 050 " Bore, CCW, F | FAN04072 | 1 | \$50.82 | 50\% | \$25.41 |
| Fano4073 | Trane | FAN; 3 BLADE, ALUMINUM, 27.6 " DIA, 18 DEGREES PITCH, 50 " Bore, CCW, 1 F | FAN04073 | 1 | \$53.77 | 50\% | \$26.89 |
| FAN04074 | Trane | FAN; 3 BLADE, ALUMINUM, $27.6^{\prime \prime}$ DIA, 19 DEGREES PITCH, 50 " Bore, CCW, 1 F | FANO4074 | 1 | \$50.82 | 50\% | \$25.41 |
| Fano4077 | Trane | FAN; 3 BLADE, 19 DEGREE PITCH F | FAN04077 | 1 | \$157.86 | 50\% | \$78.93 |
| FAN04078 | Trane | FAN; 3 BLADE, 23 DEGREE PITCH FA | FAN04078 | 1 | \$134.08 | 50\% | \$67.04 |
| FAN04082 | Trane | FAN; 3 BLADE, 30 IN .27 PITCH, STAKED HUB F | FAN04082 | 1 | \$146.59 | 50\% | \$73.30 |
| FAN04083 | Trane | FAN; 3 BLADE,3OIN.DIA, 15 DEG. PITCH, 62 BORE, LOW AMBIENT, STAKED HI F | fano4083 | 1 | \$146.73 | 50\% | \$73.37 |
| Fano4206 | Trane | FAN; 2 BLADE, 30.36 IN DIA, 18 DEG PITCH, CW, $5 / 8$ BORE P | fano4206 | 1 | \$135.66 | 50\% | \$67.83 |
| fano4216 | Trane | FAN; 2 SPEED COMBUSTION AIR BLOWER, 1/15 HP MOTOR, 208-230/50-60/ F | fano4216 | 1 | \$292.04 | 50\% | \$146.02 |
| FAN04221 | Trane | FAN; COOLING FAN W/PLUG, 24VDC, VLT 5000, 1 P20 | FANO4221 | 1 | \$230.00 | 50\% | \$115.00 |
| FAN04309 | Trane | FAN; ASSEMBLY ExT B2/140 $140 \times 51$ P55 22 W | FANo4309 | 1 | \$456.92 | 50\% | \$228.46 |
| FANO4319 | Trane | FAN; HEAT SIIN FAN ASSY, EXT C1/172X150x51 PP55 26W F | FAN04319 | 1 | \$408.85 | 50\% | \$204.43 |
| FANO4320 | Trane | FAN FAN 5 blade. 58 Bore, 12 dia, 34 deg, CW FA | FAN04320 | 1 | \$176.50 | 50\% | \$88.25 |
| fano4370 | Trane | FAN HEAT SIINK FAN, IP20, COATED F | fano4370 | 1 | \$184.24 | 50\% | \$92.12 |
| FANO4444 | Trane | FAN; WHEEL A20-18A $2.43888 \mathrm{KW} 15 S$ TWH4 GALV, 2.4388 BORE WITH 1 SET F | FANO4444 | 1 | \$907.92 | 50\% | \$453.96 |
| FAN04605 | Trane | FAN; INDOOR FAN/BLOWER ASSEMBLY, DIRECT DRIVE, 200-240V, AC, 50/601 F | FAN04605 | 1 | \$2,767.04 | 50\% | \$1,383.52 |
| FAN04606 | Trane | FAN; INDOOR FAN/BLOWER ASSEMBLY, DIRECT DRIVE, 380-480V, AC, 50/601 F | FAN04606 | 1 | \$3,143.44 | 50\% | \$1,571.72 |
| FAN04657 | Trane | FAN; 2 BLADE, ALUM, 14 DIA, 36 DEG, 50 Bore, CW F | FAN04657 | 1 | \$51.25 | 50\% | \$25.63 |
| FAS00012 | Trane | CLLP; USE W/TYPE 8 HOLIING FRAME, (FOR 12" RIGA-FLO), C-80, FILTER FAS | FA500012 | 1 | \$6.73 | 50\% | \$3.37 |
| FAS00018 | Trane | CLIP; USE W/TYPE 8 HOLIING FRAME, (FOR 2" 30/30 TO 12" RIGA-FLO), C-7¢ f | FA500018 | 1 | \$39.28 | 50\% | \$19.64 |
| FlG00171 | Trane | Flange; (SUCTION) F-6 | Flgool71 | 1 | \$1,029.02 | 50\% | \$514.51 |
| FLG00176 | Trane | FLANGE; (LIQUID) | FLG00176 | 1 | \$1,444.23 | 50\% | \$722.12 |
| FLG00218 | Trane | FLANGE 2-1/8 FOUR BOLT COMPRESSOR Valve, N 02838 F | FLG00218 | 1 | \$19.42 | 50\% | \$9.71 |
| FLG00236 | Trane | FLANGE; VENT, PLASTIC, CPVC PG | FLG00236 | 1 | \$138.64 | 50\% | \$69.32 |
| FLG00247 | Trane | FLANGE; EXPANSION VALVE ANGLE, 5/8 OdF X 7/8 Odf, dual conn (A-576) F | FlG00247 | 1 | \$68.70 | 50\% | \$34.35 |
| FLG00252 | Trane | FLANGE; EXP. VALVE, STRAIGHt THRU, $3 / 8$ OdF X $1 / 2$ OdF, 15 PERCENT (976 F | FLG00252 | 1 | \$23.17 | 50\% | \$11.59 |
| FlG00254 | Trane | flange; exp. valve, straight thru, $1 / 2$ OdF X $1 / 2$ OdF, 15 Percent equ f | FLG00254 | 1 | \$22.72 | 50\% | \$11.36 |
| FLG00257 | Trane | flange; exp. valve, straight valve, 5/8 OdF $\times$ 5/8 OdF, 15 Percent eql F | FlG00257 | 1 | \$22.72 | 50\% | \$11.36 |
| FLG00258 | Trane | FLANGE; EXP. VALVE, STRAIGHT THRU, $5 / 8$ ODF X $7 / 8$ ODF, 15 PERCENT EQU F | FLG00258 | 1 | \$23.17 | 50\% | \$11.59 |
| FlG00261 | Trane | FLANGE; EXP. VALVE ANGLE, $7 / 8$ OdF X 7/8 OdF, DUAL CONN (10331) Fig | FLG00261 | 1 | \$78.66 | 50\% | \$39.33 |
| FlG00263 | Trane | FLANGE; EXPANSION VALVE, $7 / 8$ ODF X 7/8 ODF, ANGLE, DUAL CONN (9153) FLicile | FLG00263 | 1 | \$88.81 | 50\% | \$44.41 |
| FLG00441 | Trane | FLANGE; THREADED, 3IN. 150\# Fill | FLG00441 | 1 | \$230.27 | 50\% | \$115.14 |
| FLG00545 | Trane | flange; discharge ficher | FLG00545 | 1 | \$3,803.84 | 50\% | \$1,901.92 |
| FLG00883 | Trane | FLANGE DISCHARGE, W/PRV FLG | FLG00883 | 1 | \$5,562.00 | 50\% | \$2,781.00 |
| FlG01055 | Trane | FLANGE;COLD AR, 5 IN., OP12, CL10, CL18, CP14 | FL601055 | 1 | \$80.00 | 50\% | \$40.00 |
| FL601058 | Trane | FLANGE:COLD AIR, 61 IN. CP26, OP24, OP36, OP60 | FL601058 | 1 | \$80.00 | 50\% | \$40.00 |
| FLG01059 | Trane | FLANGE; EXP. VALVE, ANGLE, 1-1/8 ODM $\times 1-1 / 8$ ODM, 9149-1 Fil | FL601059 | 1 | \$127.49 | 50\% | \$63.75 |
| FLG01095 | Trane | FLANGE;SUCTION PIPE 4.12"OD CU W/ ISO VAVLE FLill | FL601095 | 1 | \$2,069.05 | 50\% | \$1,034.53 |
| FLG01097 | Trane | FLANGE;SUCTION PIPE "N" COMPRESSOR 4.125"OD CU Fill | FL601097 | 1 | \$1,903.93 | 50\% | \$951.97 |
| FLG01102 | Trane | FLANGE ADAPTOR; 16 NPS, STYLE 741 | FL601102 | 1 | \$3,142.30 | 50\% | \$1,571.15 |
| FLG01111 | Trane | FLANGE; SUCTION PIPE TO EVAP Fig | FLG01111 | 1 | \$284.08 | 50\% | \$142.04 |
| Fl601122 | Trane | FLANGE SUCTION 4.125, Eva P Fig | FL601122 | 1 | \$445.05 | 50\% | \$222.53 |
| FLG01123 | Trane | FLANGE SUCTION, 4.125, COMPRESSOR | FLG01123 | 1 | \$225.12 | 50\% | \$112.56 |
| FLG01158 | Trane | flange, Cold/warm air flange, 12" Ficiel | FLG01158 | 1 | \$106.00 | 50\% | \$53.00 |
| FLR00006 | Trane | FILTER; OLL, RETURN, 2.25 OD X 2.00 LG, W/2 HOLE MTG | FLRO0006 | 1 | \$59.41 | 50\% | \$29.71 |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Itegrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Molled HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (A), and/or other similar device, which utilize certain platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance: and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintena

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs howe, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
A. General Purpose I, Telecommumicaions, Nerworg Cabing,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solety used
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' $\mathbf{l}$ location in the event of a fire or emergency.


The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Itegrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Molled HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and . products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FAAlarm Interface Pan ( andor other similar device, which utilize certan platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance; and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installion, systems ingration, or mainten of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs howers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The conract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not imited to:

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' $\mathbf{l}$ location in the event of a fire or emergency.

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|  |  |  |  | $\begin{aligned} & \text { uired by Appendix B, } \\ & \text { use } 54^{\prime \prime} \end{aligned}$ | Usis Price | \% Discol | Nvs Nel Picice |
| FlR06311 | Trane | FILTER; CONDENSER FILTER FOR 2OHFU $17 \times 18$ | FLR06311 | 1 | \$16.00 | 50\% | \$8.00 |
| FLR06313 | Trane | FILTER; REPLACEMENT SUCTION FITTER RSF-4813-T WITH SCREEN | FLR06313 | 1 | \$512.18 | 50\% | \$256.09 |
| FLR06314 | Trane | FILTER; REPLACEMENT SUCTION FLITER RS-4821-T With Scren min | FLR06314 | 1 | \$586.84 | 50\% | \$293.42 |
| FLR06403 | Trane | fluter evap | FLRO6403 | 1 | \$50.86 | 50\% | \$25.43 |
| FLRO6405 | Trane | FLLTER; 12.9 in $\times 111 \mathrm{~N} \times 0.6 \mathrm{NT}$ PLASTIC P- | FLRO6405 | 1 | \$49.86 | 50\% | \$24.93 |
| FLR06453 | Trane |  | FLRO6453 | 1 | \$437.13 | 50\% | \$218.57 |
| FLRO6455 | Trane | FILTER; IFD-FLITER ASSEMBLY (PACKAGE OF 2 FILTERS) (COLLECTION CELL) | FLR06455 | 1 | \$534.93 | 50\% | \$267.47 |
| FLR06464 | Trane | FILTER; PRE-FILTER, 17.19 LoNG X 26.07 WIDE Finder | FLRO6464 | 1 | \$69.42 | 50\% | \$34.71 |
| FLR06485 | Trane | FILTER; PLEATED, $1 \times 14 \times 30$, TA | FLR06485 | 1 | \$47.44 | 50\% | \$23.72 |
| FLR06747 | Trane | FILTER; $1 \times 14 \times 24$, Heavy duty, throwaway | FLR06747 | 1 | \$4.08 | 50\% | \$2.04 |
| FLR06820 | Trane | FILTER; COND, OP60 | FLR06820 | 1 | \$32.00 | 50\% | \$16.00 |
| FLR06824 | Trane | FILTER; HIGH EFFIIENCY, $20 \times 25$ | FLR06824 | 1 | \$42.05 | 50\% | \$21.03 |
| FLR06827 | Trane | FILTER; ULTRA HIGH EFFIIENCY, $16 \times 25$ | FLR06827 | 1 | \$66.05 | 50\% | \$33.03 |
| FLR06891 | Trane | FILTER: LIQUID LINE, 1.13 ODF F | FLR06891 | 1 | \$389.99 | 50\% | \$195.00 |
| FLR06892 | Trane | FILTER; Nu-PLUS EVERPURE NU-I20002 Replacemtn Cartridge figer | FLR06892 | 1 | \$165.72 | 50\% | \$82.86 |
| FLR06957 | Trane | FILTER; USE ON OP63 Finder | FLR06957 | 1 | \$140.00 | 50\% | \$70.00 |
| FLR06986 | Trane | FILTER; Nu-PLus Cu Cartridge fin | FLRO6986 | 1 | \$105.66 | 50\% | \$52.83 |
| FLR07081 | Trane | FILTER; EV9934-20 EC210 PREFLLTER CART P | FLR07081 | 1 | \$17.49 | 50\% | \$8.75 |
| FLR07138 | Trane | FILTER; OIL FILTER, 11/16-16 UN, 2A BOTH ENDS, SEAL-LOK F | FLR07138 | 1 | \$167.49 | 50\% | \$83.75 |
| FLR07194 | Trane | Fllter; 38 -18 NPTI, OIL ASSY | FLR07194 | 1 | \$435.31 | 50\% | \$217.66 |
| FlTo0006 | Trane | FLOAT; CONDENSATE, OP60 F | FLTO0006 | 1 | \$40.00 | 50\% | \$20.00 |
| Fluo0114 | Trane | flue; Assembly fill | FLVOO114 | 1 | \$329.58 | 50\% | \$164.79 |
| Fluoorlb | Trane | flue; assembly fill | FLU00116 | 1 | \$485.02 | 50\% | \$242.51 |
| Fluoort | Trane | FLUE; COLECTOR ASM. Flor | FLU00141 | 1 | \$53.59 | 50\% | \$26.80 |
| Flu00206 | Trane | flue;collector w/DRaftor plenum assembly, Alum pv flile | FLU00206 | 1 | \$262.58 | 50\% | \$131.29 |
| Flx00001 | Trane | FLUX TEC LIQUID SOLDER 4 OZ SQUEEZE BOTTLE F | Flx00001 | 1 | \$6.24 | 50\% | \$3.12 |
| FRM00437 | Trane | FRAMEEXTRUDED, ALUM. | FRM00437 | 1 | \$152.44 | 50\% | \$76.22 |
| FRM00894 | Trane | FRAME; MAGNET FR | FRM00894 | 1 | \$502.46 | 50\% | \$251.23 |
| FRM01481 | Trane | frame evaporator fllter for op60 finder | FRM01481 | 1 | \$62.00 | 50\% | \$31.00 |
| FTG00003 | Trane | FITTING; REDUCER, $0.63 \times 0.50$ F | FTG00003 | 1 | \$1.85 | 50\% | \$0.93 |
| FTG00130 | Trane | FITTING; ACCESS, HALF UNION TYPE, 1/4 MPT OR 5/16 OD SOLDERS (PACK O F | FTG00130 | 1 | \$45.73 | 50\% | \$22.87 |
| FTG00135 | Trane | FITTING; HOSE BARB, SWIVEL, 375 MALE NPT F | FTG00135 | 1 | \$78.98 | 50\% | \$39.49 |
| FTG00136 | Trane | FITTING; 25 MALE NPT, 375 HOSE BARB | fTG00136 | 1 | \$12.21 | 50\% | \$6.11 |
| FTG00170 | Trane | FITTING; REDUCER, $0.38 \mathrm{C} \times 0.25 \mathrm{C}$ ( | FTG00170 | 1 | \$7.32 | 50\% | \$3.66 |
| FTG00173 | Trane | FITTING; HOSE BARB, VENTED F | FTG00173 | 1 | \$7.63 | 50\% | \$3.82 |
| FTG00841 | Trane | FITTING; REDUCER, 0.38 fTG X 0.25C, BUSHING, ExTENDED, SOLDER, WROT / F | FTG00841 | 1 | \$3.15 | 50\% | \$1.58 |
| FTG00843 | Trane | FITTING; REDUCER, 0.62 FTG $\times 0.38 \mathrm{Cl}$, BUSHING, ExTENDED SOLDER WROT C F | FTG00843 | 1 | \$2.05 | 50\% | \$1.03 |
| FTG00844 | Trane | FITTING; REDUCER, 0.75 FTG X 0.62C, BUSHING, EXTENDED, SOLDER WROT C $F$ | (fTG00844 | 1 | \$4.45 | 50\% | \$2.23 |
| FTG00853 | Trane | FITTING; CONNECTOR COMPRESSION, BRASS, 0.25 OD X 0.12 NPTI FG | FTG00853 | 1 | \$24.24 | 50\% | \$12.12 |
| FTG00854 | Trane | FITTING; CONNECTOR COMPRESSION, BRASS, 0.25 OD $\times 0.12$ NPTE F | FTG00854 | 1 | \$20.94 | 50\% | \$10.47 |
| FTG00888 | Trane | FITTING; EmT (THINWALL) FITTINGS, SET SCREW CONNECTOR, 3/4 1 NCH | FTG00888 | 1 | \$1.08 | 50\% | \$0.54 |
| FTG00895 | Trane | FITTING STANDARD HOSE FOR RAM-4, 5, 6, Pro, cC-400, $140 \& 600$ | FTG00895 | 1 | \$10.00 | 50\% | \$5.00 |
| FTG00897 | Trane | FIITTMG; HOSE, female for ram-5 | FTG00897 | 1 | \$55.00 | 50\% | \$27.50 |
| FTG00926 | Trane | FITTING; SOLDER TEE TYPE ACCESS FITTING, $5 / 8$ INCH OD TUBE | FTG00926 | 1 | \$12.33 | 50\% | \$6.17 |
| FTG00927 | Trane | FITTING; SOLDER TEE TYPE ACCESS FITTING, $3 / 4$ INCH OD TUBE | FTG00927 | 1 | \$15.20 | 50\% | \$7.60 |
| FTG00928 | Trane | FITTING; SOLDER TEE TYPE ACCESS FITTING, 7/8 8 INCH OD TUBE | FTG00928 | 1 | \$15.78 | 50\% | \$7.89 |
| FTG00929 | Trane | FITTING; SOLDER TEE TYPE ACCESS FIITING, $1-1 / 8$ INCH OD TUBE | FTG00929 | 1 | \$18.28 | 50\% | \$9.14 |
| FTG00935 | Trane | FITTING; SOLDER TUBE ELBOW ACCESS FIITTING, 3/4 INCH ODS | FTG00935 | 1 | \$26.53 | 50\% | \$13.27 |
| FTG00936 | Trane | FITTING; SOLDER TUBE ELBOW ACCESS FITTTNG, $7 / 8 \mathrm{IINCH}$ ODS | FTG00936 | 1 | \$29.15 | 50\% | \$14.58 |
| FTG00937 | Trane | Fitting solder tube elbow access fiting, $1-1 / 8$ INCH ODS | FTG00937 | 1 | \$45.87 | 50\% | \$22.94 |
| FTG00952 | Trane | FITTING; UNIVERSAL SWIVEL FOR GPW-1200 GUN F | FTG00952 | 1 | \$170.00 | 50\% | \$85.00 |
| FTG00955 | Trane | FITTING; PVC SCHEDULE 40 FITTING, $3 / 4$ IN. P TRAP | FTG00955 | 1 | \$1.43 | 50\% | \$0.72 |
| FTG00956 | Trane | FITTING, PVC SCHEDULE 40 FITTING, 3/4" RUNNING P TRAP Ficile | FTG00956 | 1 | \$1.43 | 50\% | \$0.72 |
| FTG00969 | Trane | FITTING; $3 / 4$ INCH PVC SCHEDULE 4090 STREET ELL | FTG00969 | 1 | \$1.53 | 50\% | \$0.77 |
| FTG01002 | Trane | FITTING; $1 / 2 \mathrm{INCH} 90$ degree elbow AstM a 197 Malleable black IRON IF | FTG01002 | 1 | \$4.75 | 50\% | \$2.38 |
| FTG01004 | Trane | FITTING; $1 / 2$ INCH COUPLING ASTM A 197 Malleable black IRON PIPE F | FTG01004 | 1 | \$2.44 | 50\% | \$1.22 |
| FTG01005 | Trane | FITTING; $3 / 4 \times 1 / 2$ INCH REDUCING COUPLING ASTM A 197 MALLABLE BLACI | FTG01005 | 1 | \$2.94 | 50\% | \$1.47 |
| FTG01008 | Trane | FITTING; $1 / 2$ INCH CAP ASTM A 197 Malleable black iron plpe fin | FTG01008 | 1 | \$1.50 | 50\% | \$0.75 |
| FTG01009 | Trane | FITTING; $3 / 4$ INCH PlUG ASTM A 197 Malleable black IRON PIPE | FTG01009 | 1 | \$1.16 | 50\% | \$0.58 |
| FTG01010 | Trane | FITTING; $1 / 2$ INCH UNION ASTM A 197 Malleable black IRON PIPE Ficmer | FTG01010 | 1 | \$6.14 | 50\% | \$3.07 |
| FTG01031 | Trane | FITTING; SLIMDUCT SEN-100-W END FITTING Ficher | FTG01031 | 1 | \$20.08 | 50\% | \$10.04 |
| FTG01035 | Trane | FITTING; SLIMDUCT SW-77-B WALL INLET Find | FTG01035 | 1 | \$36.10 | 50\% | \$18.05 |
| FTG01038 | Trane | FITTING; SLIMDUCT SW-100-I Wall inlet fill | FTG01038 | 1 | \$41.32 | 50\% | \$20.66 |
| FTG01039 | Trane | FIITTIN; SLIMDUCT SP-100-I SOFFIT INLET | FTG01039 | 1 | \$32.12 | 50\% | \$16.06 |
| FTG01040 | Trane | FITTING; SLIMDUCT SEN-100-IEND FITTING | FTG01040 | 1 | \$20.08 | 50\% | \$10.04 |
| FTG01041 | Trane | FITTING; SLIMDUCT SW-100-B WALL InLet | FTG01041 | 1 | \$61.98 | 50\% | \$30.99 |
| FTG01043 | Trane | FITTING; SLIMDUCT SEN-100-B END FITTING | FTG01043 | 1 | \$30.12 | 50\% | \$15.06 |
| FTG01072 | Trane | FITTING; SIF-100-12 INCH FIXED OFFSET | FTG01072 | 1 | \$53.84 | 50\% | \$26.92 |
| FTG01074 | Trane | FITTING; SIF-100-W 2 INCH FIXED OFFSET | FTG01074 | 1 | \$53.84 | 50\% | \$26.92 |
| FTG01076 | Trane | FITTING; SIF-100-B 2 INCH FIXED OfFSET | FTG01076 | 1 | \$80.76 | 50\% | \$40.38 |
| FTG01086 | Trane | FITTING; $1 / 4 \mathrm{INCH}$ MPt Half UNION ACCESS FITTING, 6 PER PACK | FTG01086 | 1 | \$24.18 | 50\% | \$12.09 |
| FTG01087 | Trane | FITTING; 3 -WAY SOLDER TYPE ACCESS FITTING, FOR 3/16 INCH OD TUBE OR $F$ | FTG01087 | 1 | \$20.48 | 50\% | \$10.24 |
| FTG01091 | Trane | FITTING; $1 / 4$ INCH ODS $\times 3 / 8$ ODF STRAIGHT SOLDER TYPE ACCESS FITTING, f | fTG01091 | 1 | \$9.05 | 50\% | \$4.53 |
| FTG01094 | Trane | FITTING; $1 / 8$ INCH MPT HALF UNION ACCESS FITTING, 6 PER PACK | FTG01094 | 1 | \$23.08 | 50\% | \$11.54 |
| FTG01095 | Trane | FITTING; $1 / 8 \mathrm{INCH}$ Od ExTENDED COPPER TUBE ACCESS FITTTING, 6 PER PACK F | FTG01095 | 1 | \$22.35 | 50\% | \$11.18 |
| FTG01096 | Trane | FITTING; $3 / 161 \mathrm{INCH}$ OD $\mathrm{X} 1 / 8 \mathrm{INCH}$ ID Extended Copper TUBE ACCESS FITTI F | FTG01096 | 1 | \$22.35 | 50\% | \$11.18 |
| FTG01097 | Trane | FITTING; $1 / 4 \mathrm{INCH}$ OD $\mathrm{X} 3 / 16 \mathrm{INCH}$ ID Extended Copper tube access fitt F | FTG01097 | 1 | \$24.60 | 50\% | \$12.30 |
| FTG01098 | Trane | FITTING; $5 / 16$ INCH OD $\mathrm{X} 1 / 4 \mathrm{INCH}$ ID Extended Copper tube access fitt F | FTG01098 | 1 | \$14.00 | 50\% | \$7.00 |
| FTG01099 | Trane | FITTING; $3 / 8$ INCH OD $\times 5 / 16 \mathrm{INCH}$ Id Extended Copper tube Access fit $f$ | FTG01099 | 1 | \$14.90 | 50\% | \$7.45 |
| FTG01102 | Trane | FITTTNG; $1 / 4$ INCH FEMALE FLARE F Forged swivel nut Access fitting, 6 P F | FTG01102 | 1 | \$65.28 | 50\% | \$32.64 |
| FTG01103 | Trane | FITTING; DIVERSITECH VST-4 SWIVEL TEE ACCESS FITTING, 3 PER PACK F | FTG01103 | 1 | \$34.08 | 50\% | \$17.04 |
| FTG01104 | Trane | FITTING; DIVERSITECH VST-44 SWIVEL TEE ACCESS FITTTNG, 3 PER PACK F | FTG01104 | 1 | \$40.05 | 50\% | \$20.03 |
| FTG01105 | Trane | FITTING; DIVERSITECH VST-4X SWIVEL TEE ACCESS FITTING, 3 PER PACK F | FTG01105 | 1 | \$30.98 | 50\% | \$15.49 |
| FTG01106 | Trane | FITTING; DIVERSITECH VST-44x SWIVEL TEE ACCESS FIITTING, 3 PER PACK F | FTG01106 | 1 | \$40.05 | 50\% | \$20.03 |
| FTG01107 | Trane | FITTING; diversitech vt-4 Forged brass tee access fitting, 3 PER PACK $f$ | FTG01107 | 1 | \$39.40 | 50\% | \$19.70 |
| FTG01108 | Trane | FITTING; DIVERSITECH VT-24 THREADED TEE ACCESS FITTING, 3 PER PACK | FTG01108 | 1 | \$11.25 | 50\% | \$5.63 |
| FTG01109 | Trane | FITTTNG; DIVERSSITECH VTR-24 THREADED TEE ACCESS FITTING, 3 PER PACK | FTG01109 | 1 | \$29.30 | 50\% | \$14.65 |
| FTG01110 | Trane | FITTING; SOLDER TEE TYPE ACCESS FIITING, $1 / 4 / 4 \mathrm{INSH}$ ODS $\times 5 / 16$ INCH ODF, F | FTG01110 | 1 | \$21.45 | 50\% | \$10.73 |
| FTG01111 | Trane | FITTING; SOLDER TEE TYPE ACCESS FITTING, $5 / 16 \mathrm{INCH}$ ODS $\times 3 / 8 \mathrm{INCH}$ OdF, F | FTG01111 | 1 | \$28.35 | 50\% | \$14.18 |
| FTG01112 | Trane | FITTING; SOLDER TEE TYPE ACCESS FIITING, $3 / 8$ INCH ODS, 3 PER PACK F | FTG01112 | 1 | \$24.05 | 50\% | \$12.03 |
| FTG01113 | Trane | FITTING; SOLDER TEE TYPE ACCESS FIITING, $1 / 2 \mathrm{ILCH}$ OdS, 3 PER PACK F | FTG01113 | 1 | \$24.93 | 50\% | \$12.47 |
| FTG01135 | Trane | FITTING; SLIMDUCT SW-100-w Wall inlet fill | FTG01135 | 1 | \$41.32 | 50\% | \$20.66 |
| FTG01140 | Trane | Fitting brass, for gasket kit fit | FTG01140 | 1 | \$5.62 | 50\% | \$2.81 |
| FUS00008 | Trane | fuse; one time general purpose, 600VAC, nos-15, 15A Fus | FUS00008 | 1 | \$20.18 | 50\% | \$10.09 |
| FUS00074 | Trane | FUSE; NON TIME DELAY, 600 VAC , KTK-5, 5 AMP, 600 Volt | FUS00074 | 1 | \$18.56 | 50\% | \$9.28 |
| FUS00177 | Trane | FUSE; TIME-LAG, 880 VOLT AC, CURRENT LIMITING, 5 AMP F | FUS00177 | 1 | \$71.51 | 50\% | \$35.76 |
| FUS00241 | Trane | FUSE; T-TRON, FAST ACTING, 600VAC, JS-10, 10 AMP | FUS00241 | 1 | \$13.09 | 50\% | \$6.55 |
| FUS00242 | Trane | FUSE; 20 AMP, 600V F | FUS00242 | 1 | \$14.10 | 50\% | \$7.05 |
| FUS00277 | Trane | fuse; Slow blow, dual element, 250VAC, MDA-20, 20 AMP | FUS00277 | 1 | \$9.11 | 50\% | \$4.56 |
| FUS00283 | Trane | FUSE:LINK, ASM., OPEN 109 DEGREES CELSIUS FUSOL | FUS00283 | 1 | \$25.60 | 50\% | \$12.80 |
| FUSOO346 | Trane | FUSE; TIME DELAY, DUAL ELEM., $250 \mathrm{VAC}, 30$ AMP (PACK OF 10) F | FUSOO346 | 1 | \$59.21 | 50\% | \$29.61 |
| FUS00374 | Trane | FUSE FRS-R-3/10, 3/10 AMP, 600V F | FUS00374 | 1 | \$18.96 | 50\% | \$9.48 |
| FUS00386 | Trane | FUSE TIME DELAY, DUAL ELEMENT, 600VAC, FRS-R-2, 2 AMP F | FUS00386 | 1 | \$15.80 | 50\% | \$7.90 |
| FUS00391 | Trane | FUSE TIME DELAY, DUAL LLEM., $600 \mathrm{VAC}, 3.2 \mathrm{AMP}$ P | FUS00391 | 1 | \$137.86 | 50\% | \$68.93 |
| FUS00444 | Trane | FUSE TIME LAG, CURRENT LIMITING, 300VAC, sc-20, 20 AMP | FUS00444 | 1 | \$62.59 | 50\% | \$31.30 |

The scope of this contract includes the following:
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3. Itegrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Molled HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other simiar device, which utilize certain platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforemention.

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs owers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

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A. General Purpose

A physical security and faciity system includes an emergency telephone system or pbx system expressly and solely used
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commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
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|  |  |  |  | Warranty Period - \# of year(s) after |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | quired by Appendix B | Usis Price | \% Discol | NYS Nat Picee |
| GIS00840 | Trane | GLASS; MOISTURE/LIQUID INDICATOR, 7/8" SWEAT X SWEAT W/COPPER EXT G | GIS00840 | 1 | \$120.69 | 50\% | \$60.35 |
| GLS00852 | Trane | GLASS; SEE-ALL MOISTURE LQUUD INDICATOR, 3/8 ODF, SA-13S | GILS0852 | 1 | \$38.26 | 50\% | \$19.13 |
| GLL00853 | Trane | GLASS; SEE-ALL MOISTURE LIQUID Indicator, $1 / 2$ Ode, SA-14S GS | GILS0853 | 1 | \$48.99 | 50\% | \$24.50 |
| GL500860 | Trane | GLASS, WINDOW SIGHTGLASS | G1500860 | 1 | \$39.83 | 50\% | \$19.92 |
| G1500862 | Trane | GLASS; AEROSITE SAFETY GLASSES, SLATE GRAY WITH Clear lens | G1500862 | 1 | \$10.25 | 50\% | \$5.13 |
| GL500866 | Trane | GLASS; NASSAU PLUS SAFETY GLASSES, BLUE FRAME/CLEAR LENS | G1500866 | 1 | \$15.55 | 50\% | \$7.78 |
| GL500873 | Trane | SIGHTGLASS; 75 NPTE BRASS, LIQUID INDICATOR W/ball and reflector | G1500873 | 1 | \$73.93 | 50\% | \$36.97 |
| GLL00884 | Trane | GLASS; Hermetic moisture indicator, 1/2" female flare x male flari g | GILS00884 | 1 | \$54.56 | 50\% | \$27.28 |
| GL500888 | Trane | GLASS; Hermetic moisture indicator,1/2" female flare x female fla g | GIL50888 | 1 | \$36.36 | 50\% | \$18.18 |
| GLL50889 | Trane | GLASS; HeRmetic Moisture indicator, $1 / 4$ " SWEAT X SWEAT (OD femali | GL500889 | 1 | \$49.03 | 50\% | \$24.52 |
| GL500890 | Trane | GLASS; HERMETIC MOISTURE INDICATOR, $3 / 8$ " SWEAT X SWEAT (OD Femali | GIL50890 | 1 | \$44.31 | 50\% | \$22.16 |
| GL500891 | Trane | GLASS; HERMETIC MOISTURE INDICATOR, $1 / 2$ " SWEAT X SWEAT (OD FEMALI | GL500891 | 1 | \$53.14 | 50\% | \$26.57 |
| GL500892 | Trane | GLASS; HERMETIC MOISTURE INDICATOR, $5 / 8$ " SWEAT X SWEAT (OD FEMALI | GIS00892 | 1 | \$40.53 | 50\% | \$20.27 |
| GL500893 | Trane | GLASS; HERMETIC MOISTURE INDICATOR, 7/8" SWEAT X SWEAT (OD femali | GIL00893 | 1 | \$59.76 | 50\% | \$29.88 |
| GL500894 | Trane | GLASS; HERMETIC MOISTURE INDICATOR, 1-1/8" SWEAT X SWEAT (OD FEMf G | GILS0894 | 1 | \$87.97 | 50\% | \$43.99 |
| GLL50901 | Trane | GLASS; SIGHT, 1/4 MALE FLARE, SA-12 GS | GILS00901 | 1 | \$50.03 | 50\% | \$25.02 |
| GLLSOO915 | Trane | GLASS; SIGHT, $5 / 8$ MALE FLARE, SA-15 | GLS00915 | 1 | \$41.98 | 50\% | \$20.99 |
| GLS00919 | Trane | GLAS5; SIGHT, 1-3/8 ODF SOLDER, SA-211 | GILS0919 | 1 | \$151.65 | 50\% | \$75.83 |
| GLS00920 | Trane | GLASS SIGHT, 2-1/8 ODF SOLDER, SA-217 | GL500920 | 1 | \$210.22 | 50\% | \$105.11 |
| GL500931 | Trane | GLASS; SIGHT, LIQUID INDICATOR, 1.125-24 UNS Internal | GIS00931 | 1 | \$27.48 | 50\% | \$13.74 |
| GL500932 | Trane | GLASS; MOSITURE INDICATOR, AC20k30 | G1500932 | 1 | \$114.97 | 50\% | \$57.49 |
| GLS00935 | Trane | GLASSES; Clear close fitting safety glasses | GILS00935 | 1 | \$10.07 | 50\% | \$5.04 |
| 6L500939 | Trane | GLASSES; (12 EA/CASE) Custom fit rainbow mirror Safety glasses | 6IL00939 | 1 | \$17.29 | 50\% | \$8.65 |
| GLL50940 | Trane | GLASSES; (12 EA/CASE) CUSTOM FIT BLUE MIRROR SAFETY GLASSES | GL509940 | 1 | \$17.29 | 50\% | \$8.65 |
| GLS00951 | Trane | glass moisture and liquid indicator | GILS0951 | 1 | \$44.79 | 50\% | \$22.40 |
| GLS00956 | Trane | GLASS OIL SIGHT GLASS | GIS00956 | 1 | \$48.50 | 50\% | \$24.25 |
| GL501073 | Trane | GLASS; 0.188 THICK 7 7.50 SQUARE, MAKROLON POLYCARBONATE | GL501073 | 1 | \$73.76 | 50\% | \$36.88 |
| GRD00181 | Trane | GUARD; FAN, $28.00 \mathrm{DIA}, \mathrm{W} / \mathrm{MTG}$ | GRD00181 | 1 | \$221.36 | 50\% | \$110.68 |
| GRD00184 | Trane | GUARD; FAN, SPIDER BRACKET | GRD00184 | 1 | \$311.53 | 50\% | \$155.77 |
| GRD00343 | Trane | GUARD; FAN, WIRE | GRD00343 | 1 | \$395.86 | 50\% | \$197.93 |
| GRD00363 | Trane | GUARDWIRE G | GRD00363 | 1 | \$777.44 | 50\% | \$388.72 |
| GRD00431 | Trane | GUARD;FAN, 16" DIA, PAINT-GREY, P-2/16 \& 12-1873 Fan guard-propelle G | Grdoou31 | 1 | \$163.62 | 50\% | \$81.81 |
| GRD00434 | Trane | GUARD FAN, FOR-PROPELLER \& MOTOR, PAINT-GREY, P-7/10 \& 14/16-1874 G | GRD00434 | 1 | \$265.30 | 50\% | \$132.65 |
| GRD00450 | Trane | GUARD; FAN, 27.5 DIA G | GRD00450 | 1 | \$35.08 | 50\% | \$17.54 |
| GRD00937 | Trane | guard ; fan | GRDo0937 | 1 | \$91.37 | 50\% | \$45.69 |
| GRD00938 | Trane | GUARD; SPLASH, $19.29 \times 8.00$ | GRDoo938 | 1 | \$27.28 | 50\% | \$13.64 |
| GRD00956 | Trane | GUARD;FAN, 30.00 DIA. | GRDoo956 | 1 | \$102.37 | 50\% | \$51.19 |
| GRD01145 | Trane | GUARD; COIL $31 \times 57.94$ G | GRD01145 | 1 | \$140.92 | 50\% | \$70.46 |
| GRD01151 | Trane | GUARD; THERMOSTAT CLEAR PLASTIC $8.12 \times 4.62 \times 3.62$ | GRD01151 | 1 | \$29.30 | 50\% | \$14.65 |
| GRD01160 | Trane | GUARD FAN, OSHA FOR 042 | GRD01160 | 1 | \$398.89 | 50\% | \$199.45 |
| GRD01166 | Trane | GUARD FAN, OSHA, FOR UNIT SIZE O64P AND 080P | GRD01166 | 1 | \$417.67 | 50\% | \$208.84 |
| GRD01185 | Trane | GUARD; UNIVERSAL THERMOSTAT, LARGE (CLEAR), $7.25 \mathrm{H} \times 9.75 \mathrm{~W} \times 3.375$ | GRD01185 | 1 | \$39.81 | 50\% | \$19.91 |
| GRD01356 | Trane | GUARD REPL OSHA MOUNT 18 THRU 42 S, FOR AN 11-1/4" DIA FAN G | GRDO1356 | 1 | \$279.76 | 50\% | \$139.88 |
| GRD01357 | Trane | GUARD REPL OSHA MOUNT 45-70,90 S, FOR AN 13-1/2" DIA FAN G | GRD01357 | 1 | \$311.98 | 50\% | \$155.99 |
| GRD01358 | Trane | GUARD REPL OSHA MOUNT 77,91,100,126s, For an 16-3/4" DIA FAn G | GRD01358 | 1 | \$176.50 | 50\% | \$88.25 |
| GRD01416 | Trane | GUARD, trough-lead | GRD01416 | 1 | \$5.70 | 50\% | \$2.85 |
| GRD01419 | Trane | GUARD; COIL, $28.10 \times 28.00$, BLACK | GRD01419 | 1 | \$69.24 | 50\% | \$34.62 |
| GRD01448 | Trane | GUARD FAN, OSHA FOR 006-015 AND 030 SIZE UNITS | GRD01448 | 1 | \$331.82 | 50\% | \$165.91 |
| GRD01449 | Trane | GUARD; DIVERSITECH 585-TG T-STAT GUARD, CLEAR PLASTIC $\mathrm{w} / 2$ BaSES | GRD01449 | 1 | \$22.95 | 50\% | \$11.48 |
| GRD01508 | Trane | guard tool-less hal (baygardoa4ba) | GRD01508 | 1 | \$864.60 | 50\% | \$432.30 |
| GRD01509 | Trane | guard tool-Less hal (baygardoasaa) | GRD01509 | 1 | \$1,110.07 | 50\% | \$555.04 |
| GRD01609 | Trane | GUARD HAIL GUARD ACCEsSORY (BAYGARDO36BB) G | GRD01609 | 1 | \$417.95 | 50\% | \$208.98 |
| GRD01610 | Trane | GUARD; HALL GUARD ACCESSORY (BAYGARDO37BB) G | GRD01610 | 1 | \$408.44 | 50\% | \$204.22 |
| GRD01612 | Trane | GUARD HAIL GUARD ACCESSORY (BAYGARDO41BB) | GRD01612 | 1 | \$550.11 | 50\% | \$275.06 |
| GRD01651 | Trane | GUARD OSHA FAN 2.5 IN DEPTH FOR 8.75 IN \& 10 IN DIA. FANS | GRD01651 | 1 | \$195.70 | 50\% | \$97.85 |
| GRD01667 | Trane | guard; rear hall guard, "C" cabinet | GRD01667 | 1 | \$223.50 | 50\% | \$111.75 |
| GRD01680 | Trane | GUARD; DOOR SCREEN $29.250 \times 16.707$ | GRD01680 | 1 | \$300.02 | 50\% | \$150.01 |
| GRD01695 | Trane | GUARD; Condenser hall (baygardos9a) G | GRD01695 | 1 | \$931.08 | 50\% | \$465.54 |
| GRD01733 | Trane | GUARD; COIL, INCLUDES (2) $15 \times 33$, (2) $30 \times 33$, (2) $33 \times 33$ PAINTED GUARD 9 | GRD01733 | 1 | \$1,748.58 | 50\% | \$874.29 |
| GRD01868 | Trane | GUARD ASSY., $55.00 \times 35.63 \times 5.00$, BELT GUARD | GRD01868 | 1 | \$4,049.40 | 50\% | \$2,024.70 |
| GRD01880 | Trane | GUARD; CSAA PLENUM FAN ACCESS DOOR, $18.991 \times 16.798$, SCREEN \& HARI | GRD01880 | 1 | \$144.43 | 50\% | \$72.22 |
| GRD01883 | Trane | GUARD; CSAA Plenum fan access door, $40.491 \times 32.300$, SCREEN \& HARI G | GRD01883 | 1 | \$290.12 | 50\% | \$145.06 |
| GRL00156 | Trane | GRILLE; QUADIIFUSER G | GRL00156 | 1 | \$17.03 | 50\% | \$8.52 |
| GRLOO201 | Trane | GRILLE; DISCHARGE, PLASTIC - Brown SAME AS GRL192 EXCEPT GRL192 IS I $G$ | GRLOO201 | 1 | \$134.28 | 50\% | \$67.14 |
| GRLOO276 | Trane | GRILL; PLASTIC QUADRIFUSER GIoll | GRL00276 | 1 | \$24.09 | 50\% | \$12.05 |
| GRLOO349 | Trane | GRILLE; ALUMINUM, STANDARD For uhat unit, does not include fram | GRLOO349 | 1 | \$206.89 | 50\% | \$103.45 |
| GRLOO424 | Trane | GRILE; 26 IN PROP/ORIF G | GRL00424 | 1 | \$146.41 | 50\% | \$73.21 |
| GRLOO426 | Trane | GRILE; FAN, 33 INCH DIA, 35.50 MTG DIA G | GRLOO426 | 1 | \$171.21 | 50\% | \$85.61 |
| GRLOO549 | Trane | GRILLE; QUADRIFUSER G | GRLOO549 | 1 | \$6.40 | 50\% | \$3.20 |
| GRL00551 | Trane | GRILLE; $4.50 \times 19.24$, RETURN | GRLOO551 | 1 | \$115.96 | 50\% | \$57.98 |
| GRLOO552 | Trane | grille; return | GRLOO552 | 1 | \$141.02 | 50\% | \$70.51 |
| GRL00553 | Trane | GRILLE; Return | GRLOO553 | 1 | \$156.18 | 50\% | \$78.09 |
| GRLOO554 | Trane | GRILLE; Return fcbboro | GRL00554 | 1 | \$174.06 | 50\% | \$87.03 |
| GRL00557 | Trane | GRILE; DISCH FCBB020 G | GRL00557 | 1 | \$282.83 | 50\% | \$141.42 |
| GRL00558 | Trane | GRILLE DISCH FC/FF*B30 | GRL00558 | 1 | \$181.72 | 50\% | \$90.86 |
| GRLOO560 | Trane | GRILE; DISCHARGE G | GRLOO560 | 1 | \$161.40 | 50\% | \$80.70 |
| GRL00561 | Trane | GRILE DISCH FCBB080 G | GRL00561 | 1 | \$158.23 | 50\% | \$79.12 |
| GRL00678 | Trane | Grille; bar | GRL00678 | 1 | \$384.00 | 50\% | \$192.00 |
| GRL00722 | Trane | GRILLE; $7.90 \times 18.625$, VERTCAL UNIT VENT, END DEFLECTOR G | GRL00722 | 1 | \$72.50 | 50\% | \$36.25 |
| GRL00812 | Trane | GRILE; DISCHARGE | GRLOO812 | 1 | \$151.06 | 50\% | \$75.53 |
| GRL00828 | Trane | GRILE; ALUMINUM ARCHITECTURAL, CLEAR G | GRL00828 | 1 | \$349.72 | 50\% | \$174.86 |
| GRLOO948 | Trane | GRILE; DISCHARGE G | GRLOO948 | 1 | \$85.89 | 50\% | \$42.95 |
| GRL00975 | Trane | GRILE; FAN G | GRL00975 | 1 | \$418.60 | 50\% | \$209.30 |
| GRLO1251 | Trane | GRIL SAFETY GRATE, $48 \times 48$ G | GRLO1251 | 1 | \$330.63 | 50\% | \$165.32 |
| GRLO1332 | Trane | GRILLE; FAN, 26.65 MTG HOLE DIAMETER GI | GrLo1332 | 1 | \$882.30 | 50\% | \$191.15 |
| GRLO1350 | Trane | GRILL; STARBURST, 26.4 DIA | GRLO1350 | 1 | \$65.76 | 50\% | \$32.88 |
| GRLO1353 | Trane | GRILE; OUTDOOR FAN, 30.33 MTG DIA ${ }^{\text {a }}$ | GRLO1353 | 1 | \$284.77 | 50\% | \$142.39 |
| GRL01487 | Trane | GUARD; ASSY., $45.00 \times 26.57 \times 5.00$, BELT GUARD ${ }^{\text {a }}$ | GRLO1487 | 1 | \$1,030.20 | 50\% | \$515.10 |
| GRLO1544 | Trane | GRILE DISCHARGE, $12.76 \times 54.88$ | GRLO1544 | 1 | \$432.85 | 50\% | \$216.43 |
| GRLO1556 | Trane | GRILLE OPTIONAL RA GRILLE G | GRLO1556 | 1 | \$106.86 | 50\% | \$53.43 |
| GRLO1667 | Trane | GRILLE; DISCHARGE, BROWN G | GRLO1667 | 1 | \$47.38 | 50\% | \$23.69 |
| GRM00141 | Trane | GROMMET; 78 ID X 05 -. $12 \mathrm{GRV}, 1 / 2 \mathrm{IPS}$, MOLDED VINYL | GRM00141 | 1 | \$29.27 | 50\% | \$14.64 |
| GRM00143 | Trane | GROMMET; 88 ID X. 05 GRV MLD G | GRM00143 | 1 | \$42.76 | 50\% | \$21.38 |
| GRM00843 | Trane | GROMMET; RUBBER, 0.75 OD X 0.19 THK ISOLATOR | GRM00843 | 1 | \$25.18 | 50\% | \$12.59 |
| GRPoos37 | Trane | GRIP; TSC DOOR HANDLE PROTECTOR WITH TRANE LOGO G | GRPoos37 | 1 | \$82.40 | 50\% | \$41.20 |
| h2otrane | Trane | WATER; TRANE ( 1 CASE $=24-16.9$ Oz BOTTLES) ( 5 LTR) | hzotrane | 1 | \$36.00 | 50\% | \$18.00 |
| HCAE-3-2X200 | Trane |  | HCAE-3-2x200 | 1 | \$228.20 | 50\% | \$114.10 |
| HCAE-5-2x200 | Trane | VALVE; THERMOSTATIC EXPANSION; PARKER; 3.5 TO 5 TON; R-410A; 3/8" ${ }^{\text {INL }}$ म | HCAE-5-2x200 | 1 | \$228.20 | 50\% | \$114.10 |
| HD00104 | Trane | HEAD;CYLINDER, L.H., 115 V , 50/60 | HD00104 | 1 | \$3,620.78 | 50\% | \$1,810.39 |
| HD00107 | Trane | HEAD; CYLINDER ASSEMBLY, MODEL M, L.L., 230V, 50/60 | HD00107 | 1 | \$6,516.63 | 50\% | \$3,258.32 |
| HDOO134 | Trane | HEAD; CYINDER | HDOO134 | 1 | \$3,551.70 | 50\% | \$1,775.85 |
| HDL00067 | Trane | HANDLE; HUMAN INTERFACE MODULE DOOR HANDLE | HDL00067 | 1 | \$14.32 | 50\% | \$7.16 |
| HDL00086 | Trane | HANDLE; CIRCUIT BREAKER TYPE J,K,L, OVER-RIDE \& LATCH FEATURE | HDL00086 | 1 | \$145.50 | 50\% | \$72.75 |
| HDL00820 | Trane | HANDLE; ASSY, BLACK PLASTIC, ACCESS DOOR | HDLOo820 | 1 | \$112.62 | 50\% | \$56.31 |
| HDL00882 | Trane | HANDLE; WITH OPERATING MECHANISM, CIRCUIT BREAKER, UNIVERSAL ROI H | HDL00882 | 1 | \$179.52 | 50\% | \$89.76 |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. . BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated
Microprocessor-Controled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems. Microprocessor-Controlled HVAC Equipment in a building or faciity. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mouted [Istlled], Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Par ather similar device, whic tilize certail platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance; and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforemenion systems regration, or maintenate of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
A. General Purpose In,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or


The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Itegrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Molled HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, $\quad$ Interface ${ }^{\text {en }}$ platforms/systems.
3. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance; and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementio.

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs howers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
A. General Purpose I, Telecommicaions, Nerwis Cabing, hior Optics (e.g. phone, px,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' $\mathbf{l}$ location in the event of a fire or emergency.

|  |  |  |  | Warranty Period - \# of year(s) after ceptance as required by Appendix B, |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | quired by Appendix B | Usis Price | \% Discol | NYS Nat Picee |
| HSE01228 | Trane | HOSE; 9" FLEXFLOW ADAPTER HOSES, 3-PAK CONSIITING OF 25002, 25202, : H | HSE01228 | 1 | \$157.87 | 50\% | \$78.94 |
| HSE01231 | Trane | HOSE3/8" Standard "B" Charging Hose, 600 ", 860 | HSE01231 | 1 | \$68.56 | 50\% | \$34.28 |
| HSE01240 | Trane | HoSE PLUS II CHARGING HOSE W/SEALRIGHT 1/4" FITTINGS, 3-PAK RYB, 48" | Hse01240 | 1 | \$147.43 | 50\% | \$73.72 |
| HSE01249 | Trane | HoSE; 1/4" PLUS II CHARGING HOSE W/FLEXELOW FITTING, 72 ", 3 -PAK | HSE01249 | 1 | \$255.89 | 50\% | \$127.95 |
| HSE01251 | Trane |  | HSE01251 | 1 | \$239.26 | 50\% | \$119.63 |
| HSE01252 | Trane | hose 3/4in heavy duty charging hose, plated steel 3/4in female fle h | HSE01252 | 1 | \$291.25 | 50\% | \$145.63 |
| HSE01292 | Trane |  | HSE01292 | 1 | \$112.33 | 50\% | \$56.17 |
| HSE01312 | Trane | HoSE 3/8IN STANDARD 'b' Charging hose, 48 IN | HSE00312 | 1 | \$62.46 | 50\% | \$31.23 |
| HSE01345 | Trane | Hose; Flexon 5 -PLY forever Garden hose, $5 / 8 \mathrm{INCH} \mathrm{X} 50$ FeEt | HSE01345 | 1 | \$52.03 | 50\% | \$26.02 |
| HSE01346 | Trane | HOSE; $5 / 8 \mathrm{INCH} \mathrm{X} 50$ FEET HOT WATER HOSE, FOR USE WITH UP TO 160 deg his | HSE01346 | 1 | \$85.10 | 50\% | \$42.55 |
| HSE01347 | Trane | hose $1 / 4 \mathrm{C} \times$ 6'With ball valves, blue | HSE01347 | 1 | \$186.08 | 50\% | \$93.04 |
| HSE01348 | Trane | HoSE 1/4" $6^{\prime}$ ' WITH BALL Valves, RED | HSE01348 | 1 | \$186.04 | 50\% | \$93.02 |
| HSE01360 | Trane | HOSE; TWIN FOR RAM-4 FOOT PEDAL | HSE01360 | 1 | \$5.00 | 50\% | \$2.50 |
| HSE01376 | Trane | HoSe plus il $1 / 41 \mathrm{NHEAVY}$ duty Charging hose with ball valve, 601 N | HSE01376 | 1 | \$88.43 | 50\% | \$44.22 |
| HSE01381 | Trane | HoSe 3/4" Yellow jacket heavy duty charging hose with o-ring sea h | HSE01381 | 1 | \$191.46 | 50\% | \$95.73 |
| HSE01392 | Trane | HOSE $5 / 8$ INCH YELLOW JACKET HEAVY DUTY PLUS $\\|$ COMBINATION CHARGI H | HSE01392 | 1 | \$146.51 | 50\% | \$73.26 |
| HSE01403 | Trane |  | HSE01403 | 1 | \$154.03 | 50\% | \$77.02 |
| HSE01416 | Trane | HOSE 100345 HOSE KIT FOR PROMAX RG5410HP | HSE01416 | 1 | \$37.91 | 50\% | \$18.96 |
| HSE01417 | Trane | hose Yelowjacket plus il hose w/Flexflow valve, 4in, 3-PAK | HSE01417 | 1 | \$223.96 | 50\% | \$111.98 |
| HSE01429 | Trane | HOSE RITCHIE 18472, $3 / 4$ INCH HEAVY DUTY CHARSING | HSE01429 | 1 | \$211.42 | 50\% | \$105.71 |
| HSE01447 | Trane | HOSE; RITCHIE 27860 3/8 8 INCH PLUS II HOSE, 60 INCH, BLUE | HSE01447 | 1 | \$68.56 | 50\% | \$34.28 |
| HSE01448 | Trane | HOSE; RITCHIE 28060 3/8 INCH PLUS II HOSE, 60 INCH, RED | HSE01448 | 1 | \$68.56 | 50\% | \$34.28 |
| HSE01458 | Trane | HOSE RITCHE 16125 PLUS II5/8 InCH CHARGING/Hi vaCuum hose, 25 FT. | HSE01458 | 1 | \$407.61 | 50\% | \$203.81 |
| HSE01481 | Trane | Hose; Heavy duty 3/4" CHARGING, 96" L, 3/4" FL X 3/4 FL, O-RING SEAL, 18 ¢ | HSE01481 | 1 | \$251.35 | 50\% | \$125.68 |
| HSE01552 | Trane | HoSE 3/8" FLEXIBLE DRAIN HOSE, 24 " LONG | HSE01552 | 1 | \$20.47 | 50\% | \$10.24 |
| HSE01558 | Trane | HOSE $3 / 8$ IN PLUS II HEAVY DUTY BCB-72, $3 / 8$ IN STR X $3 / 8 \mathrm{IN} 45$ DEG FLARE, H | HSE01558 | 1 | \$104.46 | 50\% | \$52.23 |
| HSE01561 | Trane | HOSE; HIGH-PRESSURE EXTENSION HOSE FOR GPW-1200 | HSE01561 | 1 | \$164.00 | 50\% | \$82.00 |
| HSE01563 | Trane | HOSE; PRESSURE SWIICH, 5.00 X . 188 ID X . 094 WALL, TRANSLUCENT SILICOI H | HSE01563 | 1 | \$1.86 | 50\% | \$0.93 |
| HSE01569 | Trane | HOSE 1/4" PLUS II WITH MINI BALL AVLE, 3 PACK R410A BV72 RBY | HSE01569 | 1 | \$223.67 | 50\% | \$111.84 |
| HSE01580 | Trane | HoSE; TRUESTEAM REMOTE HOSE KIT WITH 10 FEET STEAM TUBE AND ACCE $\dagger$ | HSE01580 | 1 | \$204.38 | 50\% | \$102.19 |
| HSE01585 | Trane | HOSE GAS KIT TUBING WITH NIPPLE | HSE01585 | 1 | \$12.60 | 50\% | \$6.30 |
| HSE01588 | Trane |  | HSE01588 | 1 | \$95.22 | 50\% | \$47.61 |
| HsE01589 | Trane | HOSE YELLOW JACKET PLUS III, 60 ", R\&B 1/4" $\times 5 / 16^{\prime \prime}, \mathrm{Y} 1 / 44^{\prime \prime} \times 1 / 4 "$, MIN BA | HSE01589 | 1 | \$212.40 | 50\% | \$106.20 |
| HSE01610 | Trane | Hose; AC PIERCING VALVE AND HoSE, Nu-CALGON 4051-99 | HSE01610 | 1 | \$32.40 | 50\% | \$16.20 |
| HSE01611 | Trane | HoSE; RX11-FLUSH HOSE; 24 IN LENGTH; NU-CALGON 4300-52 | HSE01611 | 1 | \$46.65 | 50\% | \$23.33 |
| HSE01640 | Trane | HOSE HEAVY DUTY BCBV-48 | HSE01640 | 1 | \$111.79 | 50\% | \$55.90 |
| HSE01641 | Trane | HOSE PLUS $111 / 4 \mathrm{IN} 3$-PAK R410A-60 EU -RYb- | HSE01641 | 1 | \$132.74 | 50\% | \$66.37 |
| HSE01749 | Trane | hose maintenance parts | HSE01749 | 1 | \$201.26 | 50\% | \$100.63 |
| HTR00101 | Trane | Heater;electric,120W, 440V | нтR00101 | 1 | \$106.98 | 50\% | \$53.49 |
| нтR00174 | Trane | HEATER;CRANKCASE,60W,240/60/1,72IN. LeAdS | нтR00174 | 1 | \$31.54 | 50\% | \$15.77 |
| HTR00201 | Trane | Heater;CRANKCASE 120V | нтR00201 | 1 | \$133.27 | 50\% | \$66.64 |
| HTR00202 | Trane | heater; CRANKCASE, 240 V | нтR00202 | 1 | \$235.62 | 50\% | \$117.81 |
| HTR00210 | Trane | Heatrr; CRankCase $110-230$ VOLt 75 WATT | нтR00210 | 1 | \$135.94 | 50\% | \$67.97 |
| HTR00220 | Trane | Heater; Electric, CrAnKCASE, $60 \mathrm{~W}, 480 \mathrm{~V}$, 9 TO 11.5 dia. | нтRоо220 | 1 | \$64.58 | 50\% | \$32.29 |
| нTR00300 | Trane | heatroverload | нтвоозоо | 1 | \$25.55 | 50\% | \$12.78 |
| HTR00428 | Trane | heater elements, Ab bul 6.00 man starters, p-25 | нтR00428 | 1 | \$242.00 | 50\% | \$121.00 |
| HTR01090 | Trane | HEATER; ELECTRIC, 10KW, 480V, FRAMED | нтR01090 | 1 | \$381.54 | 50\% | \$190.77 |
| HTR01103 | Trane | heater;crankcase | HTR01103 | 1 | \$200.91 | 50\% | \$100.46 |
| HTR01124 | Trane | Heater; Oll tank, strip element, 500 WAtt, 115 VOLt, 19 " thick x 1.50 ' $\dagger$ | нтR01124 | 1 | \$177.16 | 50\% | \$88.58 |
| HTR01171 | Trane | HEATER; ELECTRIC, 3.33kw, 240V | нтR01171 | 1 | \$111.27 | 50\% | \$55.64 |
| HTR01197 | Trane | Heater;Lectric, CRANKCASE, 75W, 240 V | нтR01197 | 1 | \$119.00 | 50\% | \$59.50 |
| HTR01201 | Trane | heater; ELECTRIC, CRANKCASE, 40w, 230V | нтR01201 | 1 | \$101.91 | 50\% | \$50.96 |
| HTR01202 | Trane | heater electric, crankcase, 30w, 265V | нTR01202 | 1 | \$243.60 | 50\% | \$121.80 |
| HTR01222 | Trane | HEATER; SUMP, 460V, 92W | нTR01222 | 1 | \$94.36 | 50\% | \$47.18 |
| HTR01225 | Trane | Heater; CRANKCASE, 60W, 230V, MODEL H | HTR01225 | 1 | \$75.10 | 50\% | \$37.55 |
| HTR01226 | Trane | Heater; CRANKCASE, 60W, 460V, MODEL H | нтR01226 | 1 | \$46.83 | 50\% | \$23.42 |
| HTR01227 | Trane | heater; CRANKCASE, 60W, 575V, MODEL H | нтR01227 | 1 | \$78.59 | 50\% | \$39.30 |
| HTR01266 | Trane | HEATER;CRANKCASE,MODEL H COMPRESSOR, MAX 600V | нтR01266 | 1 | \$95.28 | 50\% | \$47.64 |
| HTR01295 | Trane | Heater;oll tank, 1000 WATt, 120 Volt | нTR01295 | 1 | \$163.01 | 50\% | \$81.51 |
| HTR01317 | Trane | Heater; ELECTRIC, 19.92 KW , 480V, FUS 333F | нтR01317 | 1 | \$447.40 | 50\% | \$223.70 |
| HTR01319 | Trane | HEATER; ELEMENT, 9.96 KW, 480V | нтR01319 | 1 | \$370.41 | 50\% | \$185.21 |
| HTR01370 | Trane | heater;CRANKCASE, SOLI State | нтR01370 | 1 | \$107.89 | 50\% | \$53.95 |
| HTR01434 | Trane | Heater; ELECTRIC, SUMP, 60W, 575V | нтR01434 | 1 | \$69.89 | 50\% | \$34.95 |
| HTR01460 | Trane | Heater; Electric, $5.0 \mathrm{~kW}, 240 \mathrm{~V}$ | нтR01460 | 1 | \$411.18 | 50\% | \$205.59 |
| HTR01528 | Trane | heater; CRankcase, $120 \mathrm{~V}, 100$ WAt, less conduit | нтR01528 | 1 | \$185.96 | 50\% | \$92.98 |
| HTRO1537 | Trane | HEATER; ELECTRIC, $240 \mathrm{~V}, 2$ ELEMENTS AT 5.76 KW EACH | HTR01537 | 1 | \$386.29 | 50\% | \$193.15 |
| HTR01540 | Trane | Heater; $9.96 \mathrm{KW}, 480 \mathrm{~V}$ | нтR01540 | 1 | \$168.77 | 50\% | \$84.39 |
| HTR01543 | Trane | Heater; ELECTRIC, 460V, 5.0 kW PER RACK | нтR01543 | 1 | \$229.56 | 50\% | \$114.78 |
| HTR01558 | Trane | HEATERELECTRIC,18kW,480V | HTR01558 | 1 | \$2,560.54 | 50\% | \$1,280.27 |
| HTR01566 | Trane | Heater; CRANKCASE, 110-220V, 140 WAtt, E AND R COMPRESSORS | нтR01566 | 1 | \$104.21 | 50\% | \$52.11 |
| HTR01571 | Trane | heater; $5.00 \mathrm{kw}, 240 \mathrm{~V}$ | нтR01571 | 1 | \$232.68 | 50\% | \$116.34 |
| HTR01573 | Trane | HEATER; $9.96 \mathrm{KW}, 240 \mathrm{VOLT}$ | нтR01573 | 1 | \$354.17 | 50\% | \$177.09 |
| HTRO1575 | Trane | ELEMENT; HEATER, $480 \mathrm{~V}, 3$ LLEMENTS AT 9.96 KW EACH | HTR01575 | 1 | \$451.16 | 50\% | \$225.58 |
| HTR01576 | Trane |  | нтR01576 | 1 | \$392.32 | 50\% | \$196.16 |
| HTR01577 | Trane | HEATER;RACK, 9.96kW, 480V | нтR01577 | 1 | \$435.98 | 50\% | \$217.99 |
| HTR01614 | Trane | HEATRR; CRANKCASE, $67 \mathrm{~W}, 460 \mathrm{~V}$ | HTR01614 | 1 | \$81.97 | 50\% | \$40.99 |
| HTR01619 | Trane | HEATER;OIL COMPRESSOR, 100 WATTS, 120 Volt | нтR01619 | 1 | \$328.30 | 50\% | \$164.15 |
| HTR01623 | Trane | heater; Electric, element assemblr, 9 kw, 480 V | нтR01623 | 1 | \$249.58 | 50\% | \$124.79 |
| HTR01625 | Trane | Heater; ELECTRIC, ELEMENT ASSEMBLY, 9KW, 480 V | нтR01625 | 1 | \$240.57 | 50\% | \$120.29 |
| HTR01773 | Trane | Heaterpalladium | HTR01773 | 1 | \$693.72 | 50\% | \$346.86 |
| HTRO2047 | Trane | Heater; ELLCTTIIC, 150W, 120v | нтR02047 | 1 | \$152.50 | 50\% | \$76.25 |
| HTRO2241 | Trane | HEATER, LLECTRIC | нтR02241 | 1 | \$343.00 | 50\% | \$171.50 |
| HTR02298 | Trane | HEATER; ELECTRIC, SUPPLEMENTARY | HTR02298 | 1 | \$473.00 | 50\% | \$236.50 |
| HTRO2299 | Trane | Heater; ELECTRIC, SUPPLEMENTARY (BAYHTRL315AB) | нтR02299 | 1 | \$820.67 | 50\% | \$410.34 |
| HTRO2301 | Trane | Heater; ELECTRIC, SUPPLEMENTARY (BAYHTRL335AB) | нтR02301 | 1 | \$1,137.40 | 50\% | \$568.70 |
| HTR02305 | Trane | HEATER; ELECTRIC, SUPPLEMENTARY (BAYHTRLL23AC) | нтR02305 | 1 | \$819.50 | 50\% | \$409.75 |
| HTRO2310 | Trane | HEATER; ELECTRLC, SUPPLEMENTARY (BAYHTRL425AB) | нTTRO2310 | 1 | \$889.63 | 50\% | \$444.82 |
| HTRO2326 | Trane | Heater; ELECTRIC, SUPPLEMENTARY | нтRO2326 | 1 | \$897.20 | 50\% | \$448.60 |
| HTRO2360 | Trane | HEATER; 3.7 KW , | нтR02360 | 1 | \$422.28 | 50\% | \$211.14 |
| HTRO2383 | Trane | Heater 6 INCH DIA S.S. 18 GA StRANDED 480V/40W 150 degree Sllcone IH | нтR02383 | 1 | \$41.72 | 50\% | \$20.86 |
| HTRO2387 | Trane | Heater $1 / 4$ IN DIA S.S. 18 GA STRANDED 480V/70W 150 degre silicone | нтR02387 | 1 | \$37.72 | 50\% | \$18.86 |
| HTR02403 | Trane | Heater; RACK, $4.8 \mathrm{~kW}, 240 \mathrm{~V}$ | нтR02403 | 1 | \$235.65 | 50\% | \$117.83 |
| HTR02418 | Trane | heater blanket, fits 3olb and 5olb tanks | нтR02418 | 1 | \$357.20 | 50\% | \$178.60 |
| HTRO2444 | Trane | Heater; CRANKCASE, $150 \mathrm{~W}, 120 \mathrm{~V}$ | нтRO2444 | 1 | \$105.91 | 50\% | \$52.96 |
| HTR02455 | Trane | HEATER; STRIP, 420W, $120 \mathrm{VV}, 60 \mathrm{FT}$ | нтR02455 | 1 | \$245.81 | 50\% | \$122.91 |
| HTRO2459 | Trane | HEATER; STRIP, 420W, 120V, | нтR02459 | 1 | \$215.66 | 50\% | \$107.83 |
| HTR02722 | Trane | HEATER; ELECTRIC, 75 WAtt, 120VAC | HTR02722 | 1 | \$357.11 | 50\% | \$178.56 |
| HTR02775 | Trane | HEATER; 3.5 KW , Includes limit(NOT SOLD SEPARETLY) | нтR02775 | 1 | \$165.46 | 50\% | \$82.73 |
| HTR03029 | Trane | Heater; IR SOURCE | нтRо3029 | 1 | \$751.19 | 50\% | \$375.60 |
| нтR03384 | Trane | HEATER; LLECTRIC, SUMP/CRANKCASE, $65 \mathrm{~W}, 230 \mathrm{~V}, 74.5 \mathrm{~L}$ LEAD | нтвоз384 | 1 | \$46.11 | 50\% | \$23.06 |
| HTRO3437 | Trane | HEATER; CRANKCASE, 8.9 DIA, $35 \mathrm{~W}, 575 \mathrm{~V}$ (28W AT 460V) | нтто3437 | 1 | \$61.63 | 50\% | \$30.82 |
| HTR03529 | Trane | heater; Element Assembly, $6 \mathrm{~kW}, 240 \mathrm{~V}, 3$ Phase | нтR03529 | 1 | \$290.11 | 50\% | \$145.06 |
| HTRO3532 | Trane | HEATER; LLEMENT ASSEMBLY, $6 \mathrm{KW}, 480 \mathrm{~V}, 3$ PHASE | нтRо3532 | 1 | \$273.53 | 50\% | \$136.77 |
| HTR03533 | Trane | Heater; ELEMENT ASSEMBLY, $8.7 \mathrm{KW}, 480 \mathrm{~V}, 3$ PHASE | нтR03533 | 1 | \$282.51 | 50\% | \$141.26 |
| HTR03798 | Trane | heater set of 3, 3.38A THRU 5.54A, CLASS 10 , overload | нтR03798 | 1 | \$101.86 | 50\% | \$50.93 |

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Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pa (1), and/or other similar device, which utilize certais platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance; and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforement.

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, howers, water fountains, water heaters hot water tanks, garbage disposa
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A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The conract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not imited to:
A. General Purpose In,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' location in the event of a fire or emergency.


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commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
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The scope of this contract includes the following

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. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gatew platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
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| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Lst Price | \% Disec | NSS Nelp |
| K1712588 | Trane | KIT; PLASTIC RETURN AIR BLADE AND 2 MOUNTING BRACKETS KIT12588 | 1 | \$338.28 | 50\% | \$169.14 |
| KIT12589 | Trane | KIT; PLASTIC Return alr blade And 2 MOUNTING Brackets kit 12589 | 1 | \$195.33 | 50\% | \$97.67 |
| K1112599 | Trane | KIT; 30 Amp breaker (CONTAINS 30 AmP breaker, DIN-RAIL Bracket ass kitine9 | 1 | \$767.48 | 50\% | \$383.74 |
| KIT13511 | Trane | KIT; 20\# SPRING, VALLE CARTRIDGE WITH WRENCH, 3 -WAY, 2.2CV, WATER KIT13511 | 1 | \$71.15 | 50\% | \$35.58 |
| KIT13537 | Trane | KIT; PERSONAL PROTECTION EQUIPMENT, SERVICE TECHNIIIAN, SERVICEFIR : KIT13537 | 1 | \$178.00 | 50\% | \$89.00 |
| KIT13539 | Trane | KIT; LOCKOUT/TAGOUT, SERVICEFIRST LOGO RED BAG KIT13539 | 1 | \$125.23 | 50\% | \$62.62 |
| KIT13553 | Trane | KIT CURB ADAPTER (BAYADAPO52AA) KIT13553 | 1 | \$1,068.16 | 50\% | \$534.08 |
| KIT13555 | Trane | KIT CURB ADAPTER (BAYADAPO54AA) KIT13555 | 1 | \$1,342.83 | 50\% | \$671.42 |
| K1113556 | Trane | KIT CRANKCASE HEATER, 230 V RECIP COMPRESSORS (BAYCCHT101AA) KIT13556 | 1 | \$27.24 | 50\% | \$13.62 |
| KiT13561 | Trane |  | 1 | \$249.00 | 50\% | \$124.50 |
| KIT13565 | Trane |  | 1 | \$85.45 | 50\% | \$42.73 |
| KIT13567 | Trane | KIT EXTREME CURB MOUNTING (BAYEXMK003AA) KIT ${ }^{\text {a }}$ ) | , | \$41.20 | 50\% | \$20.60 |
| KIT13568 | Trane | KIT; LP CONVERSION (BAYLPKT100AA) KIT13568 | 1 | \$45.27 | 50\% | \$22.64 |
| KIT13573 | Trane | KIT QUICK START (BAYQSTK300AA) Kit13573 | 1 | \$118.00 | 50\% | \$59.00 |
| KIT13579 | Trane | KIT; Fall protection kit with canvas bag, trane logo, red bag kit13579 | 1 | \$114.47 | 50\% | \$57.24 |
| KIT13610 | Trane | KIT; FALL PROTECTION KIT WITH CANVAS BAG, SERVIICEFIRSt Logo, red bac kit 13610 | 1 | \$114.47 | 50\% | \$57.24 |
| KiT13611 | Trane | KIT; PERSONAL PROTECTION EQUIPMENT, SERVIIE TECHNIIIAN, TRANE LOG KIT13611 | 1 | \$141.65 | 50\% | \$70.83 |
| KIT13612 | Trane | KIT; Personal protection equipment, Sales rep, trane logo red bag kiti3612 | 1 | \$35.94 | 50\% | \$17.97 |
| KIT13630 | Trane | KIT; INDUCER LIMIT SWITCH REPLACEMENT KIT. INCLUDES: WIRE HARNESS, KIT13630 | 1 | \$38.06 | 50\% | \$19.03 |
| KIT13675 | Trane | TOOL; TURBOTORCH NPK-40 NITROGEN BLOW OfF/PURGE KIT KIT13675 | 1 | \$512.33 | 50\% | \$256.17 |
| KIT13677 | Trane | KIT; TURBULATOR. Includes 3 TURBULATORS WITH CLIPS KIT13677 | 1 | \$290.51 | 50\% | \$145.26 |
| KIT13678 | Trane | KIT; TURBULATOR. Includes 4 TURBULATORS WITH CLIPS KIT13678 | 1 | \$304.27 | 50\% | \$152.14 |
| K1113679 | Trane | KIT; TURBULATOR. Includes 5 TURBULATORS WITH CLIPS KIT13679 | 1 | \$318.04 | 50\% | \$159.02 |
| кו113697 | Trane | Heater accessory, CRANKCASE, 460/575V (BAYCCHT011BB) Kit 13697 | 1 | \$97.36 | 50\% | \$48.68 |
| KIT13703 | Trane | KIT; ClOGGED FlLTer switch (baydfpsoobbb). (OPTIONS BOARD Kito9433 KIT13703 | 1 | \$153.31 | 50\% | \$76.66 |
| KIT13711 | Trane | KIT; VENTLATION OVERIDE (BAYVNOROO1BB) (OPTIONS BOARD KITO9433-B KIT13711 | 1 | \$117.80 | 50\% | \$58.90 |
| KIT13723 | Trane | KIT; Global connector wire harness, with male connector kitibi2 | 1 | \$51.38 | 50\% | \$25.69 |
| KIT14632 | Trane | KIT; 75 OHM RTD, FOR RELIANCE FORM WOUND MOTOR KIT14632 | 1 | \$8,982.94 | 50\% | \$4,491.47 |
| KIT14638 | Trane | KIT; BMTS UPGRADE KIT14638 | 1 | \$130.00 | 50\% | \$65.00 |
| KIT14649 | Trane | KIT; TDLX2003 AIR ACETYLENE DELUXE TOTE KIT, INCLUDES PL-8ADLX-MC Ex KIT 14649 | 1 | \$457.93 | 50\% | \$228.97 |
| KIT14650 | Trane | KIT; AIR ACETYLENE DELUXE TOTE KIT, tDLX2003B, B TOTE KIT, INCLUDES PL- -IT144650 | 1 | \$533.28 | 50\% | \$266.64 |
| KIT14700 | Trane | KIT; NOZZEL, PLASTIC SPRAY(12 PER KIT) WITH GROMMETS, ATY 22 NEEDED KIT14700 |  | \$466.28 | 50\% | \$233.14 |
| KIT14722 | Trane | KIT; RUBBER GROMMETS W/SCREWS KIT14722 | 1 | \$177.95 | 50\% | \$88.98 |
| KIT14773 | Trane | KIT; DISCHARGE HEADER CLAMPS KIT14773 | 1 | \$17.64 | 50\% | \$8.82 |
| KIT14774 | Trane | Kit from natural gas(ng) to propane(LP) kit14774 | 1 | \$98.12 | 50\% | \$49.06 |
| KIT14781 | Trane | KIT; PANEL AND HARNESS UPGRADE FOR FRAME 4 LIQUFLO 2 Combined P( Kit14781 | 1 | \$6,959.99 | 50\% | \$3,480.00 |
| K1114802 | Trane | KIT; RH \& LH END SUPPORTS KIT14802 | 1 | \$115.81 | 50\% | \$57.91 |
| KIT14804 | Trane | KIT FACE \& BYPASS, VUVE 100 KIT14804 | 1 | \$395.56 | 50\% | \$197.78 |
| KIT14805 | Trane | KIT FACE \& BYPASS, VUVE 125 KIT14805 | 1 | \$385.58 | 50\% | \$192.79 |
| KIT14807 | Trane | KIT; ELLCTRODE, INCLUDES THE FLAME SENSOR (36702260-36702270) KIT14807 | 1 | \$96.97 | 50\% | \$48.49 |
| KIT14820 | Trane | KIT PUSH ROD KIT14820 | , | \$249.16 | 50\% | \$124.58 |
| KIT14848 | Trane | KIT; WIRE HARNESS FOR AlL CURRENT MODELS And all tonages, Consis kit 18448 | 1 | \$51.99 | 50\% | \$26.00 |
| KIT14853 | Trane | KIT; Flange retrofit, economizer to evaporator flanges, 4" PIPE DI/ Kit 14853 | 1 | \$2,106.62 | 50\% | \$1,053.31 |
| KIT14855 | Trane |  | 1 | \$2,375.81 | 50\% | \$1,187.91 |
| $\mathrm{KIT1} 14857^{\text {d }}$ | Trane | KIT; FLANGE RETROFIT, CONDENSER TO ECONOMIZER FLANGES, 4" PIPE DIAI KIT14857 | 1 | \$2,444.47 | 50\% | \$1,222.24 |
| KIT14859 | Trane | KIT; FLANGE RETROFIT, CONDENSER TO ECONOMIZER FLANGES, 6 " PlPE DIAI KIT14859 | 1 | \$2,612.05 | 50\% | \$1,306.03 |
| KIT14860 | Trane | KIT; FLANGE RETROFIT, CONDENSER TO ECONOMIZER FLANGES, 8" PlPE DIAI KIT14860 | 1 | \$2,568.90 | 50\% | \$1,284.45 |
| KIT14900 | Trane | KIT; BLOWER COIL MOTOR RETROFIT KIT KIT14900 |  | \$53.36 | 50\% | \$26.68 |
| KIT14948 | Trane | KIT; JOURNEYMAN Gloves Starter kit, 24 Gloves Per kit, kit contents kit 14948 | 1 | \$1,363.37 | 50\% | \$681.69 |
| KIT15021 | Trane | KIT; CONTROL BOARD FOR HYDRONIC UNITS KIT15021 | 1 | \$900.00 | 50\% | \$450.00 |
| KIT15039 | Trane | KIT; HIGH PRESSURE REERIGERANT, NO CYLINDER KIT15039 | 1 | \$24.74 | 50\% | \$12.37 |
| KIT15042 | Trane | KIT; DRAIN PAN ADDITION FOR COOLING TO HEATING CONVERSION 750 KIT15042 | 1 | \$757.14 | 50\% | \$378.57 |
| KIT15044 | Trane | KIT; DRAIN PAN ADDITION FOR COOLING TO HEATING CONVERSION 1250 KIT15044 | 1 | \$677.22 | 50\% | \$338.61 |
| KIT15048 | Trane | KIT; FRAME 3, SINGLE PRECHARGE CONTACTOR REPLACEMENT, INCLUDES CI KIT15048 | 1 | \$15,157.68 | 50\% | \$7,578.84 |
| KIT15102 | Trane | KIT LOW PRESSURE CUT-OFF KIT, SHUTS UNIT OFF At 10 InCHES VACUUM, F KIT15102 | 1 | \$135.03 | 50\% | \$67.52 |
| KIT15103 | Trane | KIT TANK FLOAT AdAPTER KIT, SHUTS UNIT OFF WHEN TANK IS $80 \%$, For dif Kit 15103 | 1 | \$122.03 | 50\% | \$61.02 |
| KIT15135 | Trane | KIT CONVERSION, NATURAL To LP GAS, InCludes The 58600M IGNITER KIT 15135 | 1 | \$364.17 | 50\% | \$182.09 |
| KIT15141 | Trane | KIT ACCESS DOOR, $1-1 / 2$ TO 3 TON MODELS (BAYACCDOR1AA) KIT15141 | 1 | \$272.00 | 50\% | \$136.00 |
| ${ }_{\text {KIT15159 }}$ | Trane | ${ }_{\text {KIT; CO2 SENSING (BAYCO2K001B) }}$ | 1 | \$1,047.81 | 50\% | \$523.91 |
| KIT15160 | Trane | KIT; CO2 DEMAND-CONTROLLED VENTLATION DUCT SENSOR (BAYCO2K0031 KIT15160 | 1 | \$604.27 | 50\% | \$302.14 |
| KIT15161 | Trane | KIT; REEERENCE ENTHALPY (BAYENTHOO5A) KIT15161 | 1 | \$291.08 | 50\% | \$145.54 |
| KIT15162 | Trane | KIT; COMPARATVE ENTHALPY (BAYENTH006B) KIT15162 | 1 | \$638.96 | 50\% | \$319.48 |
| KIT15163 | Trane | KIT POWER EXHAUST, 208/230V (BAYPWRX026A) KIT15163 | 1 | \$1,747.12 | 50\% | \$873.56 |
| KIT15164 | Trane | KIT; POWER EXHAUST, 460V (BAYPWRX027A) KIT15164 | 1 | \$1,733.66 | 50\% | \$866.83 |
| KIT15167 | Trane | KIT; PRECEDENT SHORT ORIFICE TO TXV UPGRADE (T/Y)HC048 KIT15167 | 1 | \$586.38 | 50\% | \$293.19 |
| KIT15168 | Trane | KIT; PRECEDENT SHORT ORIFICE TO TXV UPGRADE (T/Y)(H/s)C060 KIT15168 | 1 | \$613.20 | 50\% | \$306.60 |
| KIT15173 | Trane | KIT; PRECEDENT SHORT ORIFICE TO TXV UPGRADE (T/Y)SCO36 KIT15173 | 1 | \$569.25 | 50\% | \$284.63 |
| KIT15175 | Trane | KIT; PRECEDENT SHORT ORIIICE TO TXV UPGRADE (T/Y)SC072 KIT15175 | 1 | \$838.27 | 50\% | \$419.14 |
| KIT15179 | Trane | KIT; PRECEDENT SHORT ORIIICE TO TXV UPGRADE (T/Y)SC120 KIT15179 | 1 | \$1,462.97 | 50\% | \$731.49 |
| KIT15220 | Trane | KIT; 2 WAY NORMALIY OPEN ACTUATOR UPGRADE KIT KIT15220 | 1 | \$139.25 | 50\% | \$69.63 |
| KIT15221 | Trane | KIT; 2 WAY NORMALLY Closed ACtuator upgrade kit kitis22 | 1 | \$139.25 | 50\% | \$69.63 |
| KIT15246 | Trane | KIT Retrofit motor kit for fancoil size 200 (Contains left hand fan kit 12246 | 1 | \$327.72 | 50\% | \$163.86 |
| ${ }_{\text {KIT15293 }}$ | Trane | KIT; PROGRAMMABLE, REDIINK ENABLED,FOR RELOCATION OF THERMOSTA KIT15293 | 1 | \$402.51 | 50\% | \$201.26 |
| KIT15311 | Trane | KIT; TRANSFORMER 075-100 KIT15311 | 1 | \$737.44 | 50\% | \$368.72 |
| KIT15312 | Trane | KIT; TRANSFORMER 125-150 KIT15312 | 1 | \$630.36 | 50\% | \$315.18 |
| KIT15313 | Trane | KIT; FAN ASSEMBLY 075 RF KIT15313 | 1 | \$1,373.26 | 50\% | \$686.63 |
| KIT15314 | Trane | KIT; FAN ASSEMBLY 100 RF KIT15314 | 1 | \$1,692.48 | 50\% | \$846.24 |
| KIT15315 | Trane | KIT; FAN ASSEMBLY 125 RF KIT15315 | 1 | \$1,877.56 | 50\% | \$938.78 |
| KIT15316 | Trane | KIT; FAN ASSEMBLY 150 RF KIT15316 | 1 | \$1,941.00 | 50\% | \$970.50 |
| KIT15322 | Trane | KIT; VALVE EQUALIZATION ASSEMBIY KIT ${ }^{\text {K }}$ | 1 | \$415.40 | 50\% | \$207.70 |
| KIT15391 | Trane | KIT; REPLACEMENT OF METAL FAN PROVING SWITCH WITH NEW PLASTIC FA KIT15391 | 1 | \$23.64 | 50\% | \$11.82 |
| KIT15396 | Trane | KIT; DRAIN PAN BAFFLE KIT ${ }^{\text {K }}$ | 1 | \$427.96 | 50\% | \$213.98 |
| KIT15398 | Trane | KIT; Intelipak Control panel installation, kit includes bracket, Ed kit 15398 | 1 | \$569.68 | 50\% | \$284.84 |
| KIT15399 | Trane | KIT; VOYAGER III CONTROL PANEL Installation, Kit includes bracket, el kit 13399 | 1 | \$427.26 | 50\% | \$213.63 |
| KIT15400 | Trane | KIT; CONTROL BOARD For a and b Series: Consists of cnt brd, TRANSF., KIT15400 | 1 | \$330.40 | 50\% | \$165.20 |
| KIT15424 | Trane | KIT; SPARE FC3XX, ACC. BAG, FOR FRAME SIIES A1, A2, A3 ENCL. KIT15424 | 1 | \$151.95 | 50\% | \$75.98 |
| ${ }_{\text {KIT15434 }}$ | Trane | KIT; TR200 DRIVE ISSTALLATION KIT, SMALL | 1 | \$825.86 | 50\% | \$412.93 |
| KIT15435 | Trane | KIT; TR200 drive installation kit large kit | 1 | \$480.44 | 50\% | \$240.22 |
| KIT15436 | Trane | KIT; REMOTE KEYPAD MOUNTING, KIT INCLUDES A GASKET, CLAMP And CAE KIT 15436 | 1 | \$318.68 | 50\% | \$159.34 |
| KIT15447 | Trane | KIT; R22 - BASE BRACKET, TUBE TO TUBE AND WEIGHT C CHASSIS OnLY KIT 15447 | 1 | \$188.46 | 50\% | \$94.23 |
| KIT15448 | Trane | KIT R22-BASE BRACKET ONLY B \& C CHASSIS KIT 15448 | 1 | \$114.64 | 50\% | \$57.32 |
| KIT15451 | Trane | KIT; CSA 10-17, SHIPPING SPLT, SHIP W/KIT KIT15451 | 1 | \$102.76 | 50\% | \$51.38 |
| KIT15476 | Trane | Kit drive replacement includes fuses, fuse holder, fuse guard, fus kit 1476 | 1 | \$1,173.46 | 50\% | \$586.73 |
| KIT15480 | Trane | KIT; DRIVE REPLACEMENT INCLUDES FUSES, FUSE HOLDER, FUSE GUARD, FUU KIT15480 | 1 | \$712.11 | 50\% | \$356.06 |
| KIT15481 | Trane | Kit drive replacement includes fuses, fuse holder, fuse guard, fus kit 1481 | 1 | \$2,029.32 | 50\% | \$1,014.66 |
| KIT15485 | Trane | KIT dRIVE REPLACEMENT INCLUDES FUSES, FUSE HOLDER, FUSE GUARD, fUS KIT 15485 | 1 | \$1,140.86 | 50\% | \$570.43 |
| KIT15497 | Trane | KIT; LCI MODULE- IPAK1+ KIT15497 | 1 | \$1,658.26 | 50\% | \$829.13 |
| KIT15538 | Trane | KIT SINGLE FAN Retrofit kit ${ }^{\text {a }}$ (1538 | 1 | \$407.25 | 50\% | \$203.63 |
| KIT15539 | Trane | KIT; EMM18 FAN RETROFIT KIT15539 | 1 | \$665.02 | 50\% | \$332.51 |
| KIT15540 | Trane | KIT; dUAL FAn Retrofit kitis540 | 1 | \$1,091.50 | 50\% | \$545.75 |
| ${ }_{\text {KIT15541 }}$ | Trane | KIT; ACCY BAG, FC301/302/202/102, FOR FRAME SIZE B1, SHIPS WITH DRIVE KIT15541 | 1 | \$64.30 $\$ 91727$ | 50\% | \$32.15 |
| KIT15548 | Trane | KIT; BCI-C KIT15548 | 1 | \$917.27 | 50\% | \$458.64 |
| KIT15555 | Trane | KIT ACCY BAG, FC301/302/202/102, USED On FRAME SIIE B2, SHIP WITH DR KIT 15555 | 1 | \$68.45 | 50\% | \$34.23 |
| KIT15561 | Trane | KIT KIT OPT NEMA 1 FC102/302 A3 KIT15561 | 1 | \$534.25 | 50\% | \$267.13 |
| KIT15563 | Trane | KIT; NITROGEN PURGE KIT15563 | 1 | \$416.19 | 50\% | \$208.10 |

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. Inegrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, reme modules, etc, which are Factory-MIted HVAC Equipment.
 commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor platforms/systems.
2. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance: and
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The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs howers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
A. General Purpose In,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
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|  |  | duct Descripition |  | Warranty Period $\cdot$. of years) after |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Lsis Price | \% Discount | NYS Nat Picee |
| KNB00182 | Trane | KNOB; THUMBWHEELS, COOLER/WARMER | kNB00182 | 1 | \$12.26 | 50\% | \$6.13 |
| KR16A-0608B | Trane | KRACK; UNIT COOLER; COMPACT SERIES; SIIGLE FAN; 6 FPI; ARI DEFROST; 6 , | , KR16A-060BB | 1 | \$792.00 | 50\% | \$396.00 |
| KR16A-060EB | Trane | KRACK; UNIT COOLER; LOW PROFILE; FOR WALK-IN COOLER; SINGLE FAN; 61 | \| KR16A-060EB | 1 | \$1,008.00 | 50\% | \$504.00 |
| KR26A-072BB | Trane | KRACK; UNIT COOLER; COMPACT SERIES; 2 FAN; 6 FP; AIR DEFROST; 8,900 B | KR26A-072BB | 1 | \$984.00 | 50\% | \$492.00 |
| KR34E-111BAA | Trane | KRACK; UNIT COOLER; COMPACT SERIES; 3 FAN; 4 FP; ELECTRIIC DEFROST; 1 : | kr34-111BAA | 1 | \$2,272.00 | 50\% | \$1,136.00 |
| KR66E-240EAA | Trane | KRACK; UNIT COOLER; LOW PROFIL; FOR WALK-IN FREEZER; 6 FAN; 6 FP; EI | KR66E-240EAA | 1 | \$5,336.00 | 50\% | \$2,668.00 |
| кт-46-JW | Trane | HEAD; POWER ELEMENT; PARKER; FOR C VALVE BENCH; FOR R-12 And R-13 | kT-46-Jw | 1 | \$102.73 | 50\% | \$51.37 |
| кт-46-1X60 | Trane | head; Power element; parker; For c valve bench; for r-12 And r-13. | kT-46-X60 | 1 | \$101.22 | 50\% | \$50.61 |
| кT-46-sw | Trane | head; power element; parker; For c valve bench; for r-502, R-404A, | kT-46-sw | 1 | \$92.18 | 50\% | \$46.09 |
| кT-46-SX35 | Trane | head; power element; parker; For c valve bench; For r-502, R-404A, | KT-46-SX35 | 1 | \$102.73 | 50\% | \$51.37 |
| кт-46-Sz | Trane | head; power element; parker; For c valve bench; for r-502, R-404A, | kT-46-Sz | 1 | \$102.73 | 50\% | \$51.37 |
| кт-46-Vw | Trane | head; power element; parker; for c valve bench; for r-22 And r-40 | kT-46-VW | 1 | \$102.73 | 50\% | \$51.37 |
| кт-46-vx100 | Trane | head; POWER Element; Parker; For c valve bench; for r-22 And R-40 | kT-46-vx100 | 1 | \$102.81 | 50\% | \$51.41 |
| кт-46-vX35 | Trane | HEAD; POWER ELEMENT; PARKER; FOR C VALVE BENCH; FOR R-22 And R-40 | kT-46-VX35 | 1 | \$92.18 | 50\% | \$46.09 |
| кт-46-2x200 | Trane | HEAD; POWER ELEMENT; PARKER; FOR C VALVE BENCH; R-410A; 10 TO 60 d | kT-46-2x200 | 1 | \$102.73 | 50\% | \$51.37 |
| LAT00032 | Trane | LATCH:ACCESS DOOR | LAT00032 | 1 | \$33.00 | 50\% | \$16.50 |
| Latooosi | Trane | LatCH; DOOR | Lat00051 | 1 | \$44.21 | 50\% | \$22.11 |
| LAT00060 | Trane | LATCH, AdJustable grip | LAT00060 | 1 | \$95.95 | 50\% | \$47.98 |
| LAT00069 | Trane | LATCH; HANDLE ASSEMbly, lift And turn side pawl | LAT00069 | 1 | \$78.69 | 50\% | \$39.35 |
| Lat00827 | Trane | LATCH; ZINC PLATED, DOOR | Lat00827 | 1 | \$32.81 | 50\% | \$16.41 |
| Lat00833 | Trane | Latch; 1/4 TURN Latch, black knob, nickel barrel. includes latch cl | Latoos33 | 1 | \$7.85 | 50\% | \$3.93 |
| Lat00854 | Trane | Latch; T-HANDLE | Lat00854 | 1 | \$68.36 | 50\% | \$34.18 |
| Lat00856 | Trane | LATCH; T-HANDLE, LOCKING | LAT00856 | 1 | \$18.56 | 50\% | \$9.28 |
| LAT00861 | Trane | LATCH; ASSY. 3-POINT COMPLETE, FOR XL/YD Enclousure | LAT00861 | 1 | \$88.44 | 50\% | \$44.22 |
| LAT00869 | Trane | LATCH; DOOR, RTWA/UA | LAT00869 | 1 | \$89.00 | 50\% | \$44.50 |
| LAT00878 | Trane | LATCH; LOCKING, COMPRESSION, T-HANDLE | LAT00878 | 1 | \$94.71 | 50\% | \$47.36 |
| LbL00155 | Trane | label; trane decorative logo w/series r | LbL00155 | 1 | \$21.61 | 50\% | \$10.81 |
| LBL00224 | Trane | Label; R-134A Refrigerant id label | LBL00224 | 1 | \$7.55 | 50\% | \$3.78 |
| LBL00225 | Trane | Label, Self adhesive r-123 Refrigerant id label, 10 Per pack | LbL00225 | 1 | \$7.55 | 50\% | \$3.78 |
| LBL00235 | Trane | LABEL; R-22 REERIGERANT ID LABEL, 3IN X 4IN SELF-ADHESIVE VIINYL | LbL00235 | 1 | \$7.55 | 50\% | \$3.78 |
| LBL00240 | Trane | Label; p-410a Refrigerant id labels | LbL00240 | 1 | \$7.55 | 50\% | \$3.78 |
| LBL00247 | Trane | LAbel; Refrigerant id label, r-401A (mp39) | LbL00247 | 1 | \$7.55 | 50\% | \$3.78 |
| LbL00248 | Trane | LABEL; REFRIGERANT ID LABEL, R-402A (HP80) | LbL00248 | 1 | \$7.55 | 50\% | \$3.78 |
| LbL00249 | Trane | Label; refrigerant id Label, R-404A (HP62/FX70) | LbL00249 | 1 | \$7.55 | 50\% | \$3.78 |
| LBL00255 | Trane | Label front, trane trusense sd refrigerant monitor | LBL00255 | 1 | \$174.14 | 50\% | \$87.07 |
| LED00260 | Trane | LEAD;31IN.HIGH TENSION ASSY. | LED00260 | 1 | \$100.15 | 50\% | \$50.08 |
| LED00279 | Trane | Lead, Sensing | LED00279 | 1 | \$52.82 | 50\% | \$26.41 |
| LED00287 | Trane | LEAD;61N.HIGH TENSION ASSY. | LED00287 | 1 | \$101.88 | 50\% | \$50.94 |
| LED00301 | Trane | LEAD; 52IN. HIGH TENSION ASSEMBLY | LED00301 | 1 | \$110.97 | 50\% | \$55.49 |
| LeDoo331 | Trane | LEAD; HONEYWELL 36 IN. IGNITION CABLE | LED00331 | 1 | \$119.80 | 50\% | \$59.90 |
| LED00360 | Trane | LEAD; PREMIUM TEST LEAD SET | LED00360 | 1 | \$47.90 | 50\% | \$23.95 |
| LED00365 | Trane | LeAd; Replacement Compressor leads, 12 Inch $\mathrm{W} / \mathrm{BUTT}$, 3 PER PACK | LED00365 | 1 | \$11.90 | 50\% | \$5.95 |
| LeDoo384 | Trane | Lead, fluke tl223 Electrical test lead set | LeDoo384 | 1 | \$149.90 | 50\% | \$74.95 |
| LeDo0397 | Trane | LEAD; ( (CNT=10 LEADS) MULTI-COLOR TEST LEADS, 18 GA. 18 INCH LONG | LED00397 | 1 | \$12.38 | 50\% | \$6.19 |
| LED00399 | Trane | LEAD; SUPERFLEX TEST LEADS, RED AND BLACK PAR, 36 INCH, SUPER HEAVY | LED00399 | 1 | \$17.35 | 50\% | \$8.68 |
| LEG00092 | Trane | Leg, Leveling | LeG00092 | 1 | \$44.36 | 50\% | \$22.18 |
| LEG00124 | Trane | Leg; motor mounting | LEG00124 | 1 | \$3.21 | 50\% | \$1.61 |
| Levooos8 | Trane | Lever; Damper 2 Inch hole center | Levooos8 | 1 | \$178.49 | 50\% | \$89.25 |
| Levooog | Trane | Lever; 1ST STAGE Vane | Levooog | 1 | \$23.52 | 50\% | \$11.76 |
| Levooog | Trane | Lever; Slotted, 1sT Stage vane | Levooog | 1 | \$417.85 | 50\% | \$208.93 |
| Levooog | Trane | LEVER; 1ST STAGE VANE SHAFT | LEv00093 | 1 | \$547.10 | 50\% | \$273.55 |
| Levooog | Trane | Lever; Vane and shroud | Levooog | 1 | \$130.50 | 50\% | \$65.25 |
| Levooog | Trane | Lever; BeLLOWS ASSEMBLY, (089-140) Note: MUSt drill $187 / .189$ RoLl | Levooog | 1 | \$1,454.14 | 50\% | \$727.07 |
| Levooog | Trane | LEVER; BELLOWS ASSEMBLY, (056-080) Note: MUST DRILL $187 / .189$ RoLl | Levooog | 1 | \$1,062.64 | 50\% | \$531.32 |
| Levooog | Trane | LEVER; BELLOWS ASSEMBLY,(036-050) NOTE: MUST DRILL . $187 / .189$ ROLL PI | Levooog | 1 | \$2,320.85 | 50\% | \$1,160.43 |
| Levooos | Trane | LEVER; BELLOWS ASSEMBLY,(023-032) NOTE: MUST DRILL . $187 / .189$ ROLL PI | Levooo98 | 1 | \$2,271.51 | 50\% | \$1,135.76 |
| Levoour | Trane | Lever; For use W/ 0.5 dia shaft, W/CARRIAGE Bolt and nut, control. | Levoour8 | 1 | \$43.04 | 50\% | \$21.52 |
| Levoour9 | Trane | Lever; PIVOt LINKAGE | Levoour9 | 1 | \$121.90 | 50\% | \$60.95 |
| Levoorso | Trane | LEVER; FOR USE W/ 1.0 dia shaft, W/ nUt - blt, COntrol arm | Levoorso | 1 | \$47.36 | 50\% | \$23.68 |
| LB00006 | Trane | LITHIUM BROMIDE; AQUEOUS SOLUTION WITHOUT ANY INHIBITRRS, SPEC E | Liboooob | 1 | \$6,573.97 | 50\% | \$3,286.99 |
| เноооо1 | Trane | LITHIUM HYDROXIDE; ABSORPTION (SINGLE \& TWO STAGE), (SHIPIING UON | Lноооо1 | 1 | \$43.06 | 50\% | \$21.53 |
| LINOOOO1 | Trane | LITHUM NITRATE; (SHPPING UOM 1 LB HAZ) | LIN00001 | 1 | \$87.68 | 50\% | \$43.84 |
| LT00062 | Trane | LIGHT; INDICATOR WITH RED Lens | LT00062 | 1 | \$56.96 | 50\% | \$28.48 |
| LT00127 | Trane | LIGHT; 100 WATT, MARINE FIXTURE | LT00127 | 1 | \$322.12 | 50\% | \$161.06 |
| LTт00141 | Trane | LIGHT;KIT, 2 NATURAL LITES, 2 PUSH ON SPEED NUT | LTт00141 | 1 | \$68.32 | 50\% | \$34.16 |
| LTт0815 | Trane | LIGHT; INDICATING, RED | LT00815 | 1 | \$154.87 | 50\% | \$77.44 |
| LT00816 | Trane | LIGHT; INDICATING, AMBER | LT00816 | 1 | \$206.00 | 50\% | \$103.00 |
| LT00846 | Trane | Light; Ploot, green, includes lens and bulb | Lто0846 | 1 | \$87.24 | 50\% | \$43.62 |
| LT00873 | Trane | LIGHT; MINI MAG-LITE AA - black | LT00873 | 1 | \$35.75 | 50\% | \$17.88 |
| LT00875 | Trane | LIGHT; MIINI MAG-LIte AA - Camouflage | LT00875 | 1 | \$37.00 | 50\% | \$18.50 |
| นтоо879 | Trane | LIGHT; MAGNA-LIte, 1-1/2 OZ | LT00879 | 1 | \$18.65 | 50\% | \$9.33 |
| LT00889 | Trane | LIGHT; RAYOVAC 2 Cell d size swivel flashlight w/batteries | LT00889 | 1 | \$23.05 | 50\% | \$11.53 |
| LT00897 | Trane | LIGHT; 25' Metal guard trouble light | LT00897 | 1 | \$45.35 | 50\% | \$22.68 |
| Lто0898 | Trane | LIGHT; 50' Metal guard trouble light | LT00898 | 1 | \$67.03 | 50\% | \$33.52 |
| LT00912 | Trane | LIGHt; Rayovac ti-2 Minature bulb, 2 Per card | LT00912 | 1 | \$6.83 | 50\% | \$3.42 |
| Lто0916 | Trane | Light l206 Led deluxe hat light | Lтоо916 | 1 | \$99.98 | 50\% | \$49.99 |
| Lто0927 | Trane | LIGHT UV LAMP 24" FIXTURE | Lто0927 | 1 | \$653.73 | 50\% | \$326.87 |
| LT01119 | Trane | LIGHT; 'NDICATING, 125V, WHITE | LT01119 | 1 | \$35.10 | 50\% | \$17.55 |
| LT01129 | Trane | LIGHT; CSI QUATRO LED FLASHLIGHT | Lто1129 | 1 | \$62.91 | 50\% | \$31.46 |
| LT01130 | Trane | LIGHT; REDLINE 220 LUMEN FLASHLIGHT In CLAMSHELL | LT01130 | 1 | \$64.79 | 50\% | \$32.40 |
| LT01131 | Trane | Light; Se redine 250 Lumen flashlight in Clamshell | LT01131 | 1 | \$73.22 | 50\% | \$36.61 |
| LT01132 | Trane | LIGHT; THE LARRY 8 LED POCKET WORK LIGHT | LT01132 | 1 | \$20.65 | 50\% | \$10.33 |
| นто1145 | Trane | LIGHT 24 In Replacement lamp | Lто1145 | 1 | \$87.27 | 50\% | \$43.64 |
| LT01154 | Trane | LIGHT; 5620 REDLINE SELECT | LT01154 | 1 | \$99.50 | 50\% | \$49.75 |
| LM95060 | Trane | ALLOY; SLL-FOS 5.125 X .050X20 1\# TUBE | LM95060 | 1 | \$69.83 | 50\% | \$34.92 |
| LM98071 | Trane | ALLOY; BRAZE $5051 / 161 \mathrm{I}$. DIA X 302 PKG | LM98071 | 1 | \$124.20 | 50\% | \$62.10 |
| LM99084 | Trane | ALLOY; BRAZZ $56056 \%$ SILVER FLUX CORED, . 075 "DIA $\times 20$ ", 8 RODS PER TUE | LM99084 | 1 | \$94.93 | 50\% | \$47.47 |
| LnK00245 | Trane | LINK, FUSIBLE | LnK00245 | 1 | \$27.54 | 50\% | \$13.77 |
| LnK00284 | Trane | LINK; CONTROL, TEMP, 98 DEG C, FUSIBLE | LnK00284 | 1 | \$30.85 | 50\% | \$15.43 |
| LnK00304 | Trane | Link, damper | Lnk00304 | 1 | \$26.72 | 50\% | \$13.36 |
| Lnk00344 | Trane | LINK; DAMPER, W/2 DAMPER ARMS, Honerwell part \#q29881065 | LnK00344 | 1 | \$115.25 | 50\% | \$57.63 |
| LnK00545 | Trane | CONTACTOR MECHANICAL L INTERLOCK FOR LC1D (115-150A) | Lnk00545 | 1 | \$56.00 | 50\% | \$28.00 |
| LnRooos3 | Trane | LINER; CYL ASSEmbly | LnRooos3 | 1 | \$1,034.66 | 50\% | \$517.33 |
| LnRo0034 | Trane | LINER;YLINDER ASSEMBLY, W/UNLOADER, STANDARD LIFT VALVES | LnR00034 | 1 | \$1,709.23 | 50\% | \$854.62 |
| LNR00036 | Trane | LINER; CYUINDER MODEL E COMPRESSOR | LnR00036 | 1 | \$785.20 | 50\% | \$392.60 |
| LnR00038 | Trane | LINER; CYIINDER ASM. | LnR00038 | 1 | \$932.53 | 50\% | \$466.27 |
| LnR00175 | Trane | LINER; DRAIN PAN | LnR00175 | 1 | \$138.74 | 50\% | \$69.37 |
| LnR00176 | Trane | LINER; dRain pan | LnR00176 | 1 | \$109.10 | 50\% | \$54.55 |
| LnR00177 | Trane | Liner;drain pan | LnR00177 | 1 | \$123.42 | 50\% | \$61.71 |
| LOK00011 | Trane | LOCK; ASSEMBLY DOOR | Lok00011 | 1 | \$96.66 | 50\% | \$48.33 |
| Lok00019 | Trane | LOCK;WITH KEYS | Lok00019 | 1 | \$66.68 | 50\% | \$33.34 |
| LUB00007 | Trane | LUBRICANT; ANTI SEIZE, 80 O | LUB00007 | 1 | \$29.68 | 50\% | \$14.84 |
| Luвоооз9 | Trane | LUBRICANT; 16 OZ bottle of flexible shaft Lubricator fluid | LUBо0039 | 1 | \$24.00 | 50\% | \$12.00 |
| LuB00042 | Trane | lubricanto-ring | LUB00042 | 1 | \$23.01 | 50\% | \$11.51 |
| LUB00059 | Trane | LUBRICANT LOCTITE SILVER ANT-SEIZE LUBRICANt, 20 gm stick | LUB00059 | 1 | \$11.91 | 50\% | \$5.96 |

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platforms/systems.
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1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. . BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated
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|  |  |  | Warranty Period - \# of year(s) after ceptance as required by Appendix B, |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | $\begin{aligned} & \text { uired by Appendix B, } \\ & \text { use } 54^{\prime \prime} \end{aligned}$ | Lst Pice | \% Discoumt | Nvs |
| мото9646 | Trane | MOTOR; FAN, 1/4 HP 200/230/60/1, 825 RPM, 48 FRAME, SLEEVE BEARING, MOTO9646 | 1 | \$327.03 | 50\% | \$163.52 |
| мото9662 | Trane | MOTOR $1 / 3 \mathrm{HP}, 200-230 / 60 / 1,1080$ RPM, TYPC PSC, 48 FRAME, CCW, SLEEV MOT09662 | 1 | \$305.45 | 50\% | \$152.73 |
| мото9679 | Trane | MOTOR; 5 HP, @ 208-230/460/60/3. 4 POLE, 1750 RPM, 1847Z FRAME,1.15 MOT09679 | 1 | \$1,248.40 | 50\% | \$624.20 |
| мото9783 | Trane | MOTOR 5 HP @ 60HZ \& 3 HP @ 50Hz, 208-220-440/50-60/3, 1425/1725 RPr MOT09783 | 1 | \$1,323.80 | 50\% | \$661.90 |
| мото9799 | Trane | MTR 2HP 575/60/3 1740 RPM $56 H Z$ Fr-RIG BASE, OdP BALL BRG MOT09799 | 1 | \$763.46 | 50\% | \$381.73 |
| мото9801 | Trane | МотоR; 3.0/2.0 HP, 208-230/460/60/3, 200/400/50/3, 1740/1450 RPM, 56 МОТ09801 | 1 | \$877.74 | 50\% | \$438.87 |
| мото9803 | Trane | MOTOR; 7.5HP 208-230/60/3, 184T FR - RIG BASE, OdP, BALL BEARING WITr MOT09803 | 1 | \$1,241.10 | 50\% | \$620.55 |
| мото9804 | Trane | MOTOR; 7.5HP, 460/60/3, @ 5 HP 380-415/50/3, 184T FR-RIG BASE, OdP, B/ MOTO9804 | 1 | \$1,241.11 | 50\% | \$620.56 |
| мото9816 | Trane | MOTOR 1 HP, 208-230/60/1, 1080 RPM, 39 FRAME, SLEEVE BRG, CCW, PSC MOT09816 | 1 | \$470.66 | 50\% | \$235.33 |
| мото9817 | Trane | MOTOR $1 / 3$ HP, 208-230/60/1, 1080 RPM, 39 FRAME, SLEEVE BRG, CCW, PSI MOT09817 | 1 | \$355.04 | 50\% | \$177.52 |
| мото9818 | Trane | MOTOR $1 / 8$ HP, 208-230/60/1, 1080 RPM, 39 FRAME, SLEEVE BRG, CCW, PSI MOT09818 | 1 | \$318.88 | 50\% | \$159.44 |
| мото9819 | Trane | MOTOR 1/2 HP, 208-230/60/1, 1080 RPM, 39 FRAME, SLEEVE BRG, CCW, PSI MOT09819 | 1 | \$387.71 | 50\% | \$193.86 |
| мото9820 | Trane | MOTOR $1 / 12 \mathrm{HP}$, 208-230/60/1, 1080 RPM, 39 FRAME, SLEEVE BRG, CCW, P! MOT09820 | 1 | \$249.93 | 50\% | \$124.97 |
| мото9822 | Trane | MOTOR $1 / 12 \mathrm{HP}, 265 / 60 / 1,1030 / 940 / 840 / 800$ RPM, 42 FRAME, SLEEVE BRC MOT09822 | 1 | \$359.86 | 50\% | \$179.93 |
| мото9824 | Trane | MOTOR; $1 / 8$ HP, 265/60/1, 1070/1060/1040/1035 RPM, 48 FRAME, SLEEVE MOT09824 | 1 | \$342.10 | 50\% | \$171.05 |
| мото9825 | Trane | MOTOR; $1 / 3 \mathrm{HP}, 265 / 60 / 1,1070 / 1060 / 1040 / 1035$ RPM, 48 FRAME, SLLEVE MOTO9825 | 1 | \$442.40 | 50\% | \$221.20 |
| мото9826 | Trane | MOTOR; $1 / 2 \mathrm{HP}, 265 / 60 / 1,1100 / 1054 / 1000$ RPM, 48 FRAME, SLEEVE BRG, C MOT09826 | 1 | \$385.88 | 50\% | \$192.94 |
| мото9827 | Trane | MOTOR; $1 / 2 \mathrm{HP}, 460 / 60 / 1,1100 / 1054 / 1000$ RPM, 48 FRAME, SLLEVE BRG, ( Мот09827 | 1 | \$615.22 | 50\% | \$307.61 |
| мото9828 | Trane | мотоR; 1 HP, 460/60/1, 1080/1040/940 RPM, 48 FRAME, SLEEVE RRG, CCU MOTO9828 | 1 | \$6499.97 | 50\% | \$324.99 |
| мото9830 | Trane | моTOR; $1 / 3 \mathrm{HP}$, 460/60/1, 1080/1040/1000 RPM, 48 FRAME, SLLEVE BRG, ( Мот09830 | 1 | \$408.32 | 50\% | \$204.16 |
| мото9856 | Trane | MOTOR; 5 HP, 1740 RPM, $575 / 60 / 3,184$ TZ, ODP, 87.5 PERCENT EFFICIENCY, MOTO9856 | 1 | \$2,462.86 | 50\% | \$1,231.43 |
| мото9901 | Trane | MOTOR; 1 HP, 208-230/60/1, PROGRAMMABLE, 48 FRAME MOTO9901 | 1 | \$1,483.49 | 50\% | \$741.75 |
| мото9902 | Trane | MOTOR; 1 HP 200-230/60/3, 56FR, BALL BRG, 850 RPM W/WIRE HARNESS P MOTO9902 | 1 | \$1,101.81 | 50\% | \$550.91 |
| мото990з | Trane | MOTOR; 1 HP 460/380-415/60/50/3, 56FR, BALL BRG, 850 RPM w/wire ha motog9o3 | 1 | \$869.48 | 50\% | \$434.74 |
| мото9985 | Trane | MOTOR, DIRECT DRIVE BLOWER, MULTI HORSE POWER, $1 / 2,1 / 3,1 / 4,1 / 5,1 / 6$ MOTO9985 | 1 | \$149.54 | 50\% | \$74.77 |
| мото9986 | Trane | MOTOR, DIRECT DRIVE BLOWER, MULT-HORSE, $1 / 2,1 / 3,1 / 4,1 / 5,1 / 6,1075 / 4$ MOT09986 | 1 | \$152.05 | 50\% | \$76.03 |
| мото9987 | Trane | MOTOR, DIRECT DRIVE CONDENSER, MULTHHORE, $1 / 3,1 / 4,1 / 5,1 / 6,208-23$ MOTO9987 | 1 | \$177.56 | 50\% | \$88.78 |
| мот10014 | Trane | MOTOR $1 / 20 \mathrm{HP}, 265 / 60 / 1,220-240 / 50 / 1$, PSC, 2 SPD, 42 FRAME, SLLEVE BF MOT10014 | 1 | \$345.30 | 50\% | \$172.65 |
| мот10015 | Trane | MOTOR $1 / 20 \mathrm{HP}, 115 / 60 / 1$, PSC, 2 SPD, 42 FRAME, SLEEVE BRG, 1040/810 R MOT10015 | 1 | \$616.74 | 50\% | \$308.37 |
| мот10018 | Trane | MOTOR $1 / 20 \mathrm{HP}, 115 / 60 / 1$, PSC, 2 SPD, 42 FRAME, SLEEVE BRG, 1110/1040 MOT10018 | 1 | \$391.86 | 50\% | \$195.93 |
| мот10020 | Trane | MOTOR $1 / 12 \mathrm{HP}, 265 / 60 / 1$, PSC, 3 SPD, 42 FRAME, SLEEVE BRG, 1405/1175/ MOT10020 | 1 | \$425.06 | 50\% | \$212.53 |
| мот10088 | Trane | MOTOR $1 / 2 \mathrm{HP}, 115 / 60 / 1,1725$ RPM, 56 FRAME, OPEN DRIPPROOF, BB MOT10088 | 1 | \$487.52 | 50\% | \$243.76 |
| мот10092 | Trane | MOTOR; $07 \mathrm{HP}, 277 / 60 / 1,1030 / 780 / 580$ RPM, 50 DOUBLE EXTENDED SHAI MOT10092 | 1 | \$708.51 | 50\% | \$354.26 |
| мот10094 | Trane | МОTOR; $03 \mathrm{HP}, 277 / 60 / 1,980 / 840 / 655$ RPM, 50 SHAFT MOT10094 | 1 | \$583.07 | 50\% | \$291.54 |
| мот10097 | Trane | МотOR; 05 HP , 277//60/1, $1050 / 780 / 580$ RPM, 5 , 5 SHAFT MOT10097 | 1 | \$578.16 | 50\% | \$289.08 |
| мот10103 | Trane |  | 1 | \$581.18 | 50\% | \$290.59 |
| мот10137 | Trane | MOTOR $1 / 4 \mathrm{HP}, 460 / 60 / 1$, ball bearing, 1075 RPM, Te, 48 FRAME MOT10137 | 1 | \$256.98 | 50\% | \$128.49 |
| мот10139 | Trane | MOTOR $1 / 2 \mathrm{HP}, 460 / 60 / 1$, ball bearing, 1075 RPM , Te, 48 FRAME MOT10139 | 1 | \$315.28 | 50\% | \$157.64 |
| мот10140 | Trane | MOTOR $3 / 4 \mathrm{HP}, 460 / 60 / 1$, , BALL BEARING, 1075 RPM, TE, 48 FRAME MOT10140 | 1 | \$373.60 | 50\% | \$186.80 |
| MOT10157 | Trane | MOTOR $1 / 2 \mathrm{HP}, 460 / 60 / 1,5.6 \mathrm{Cl}$ DIA, 1075 RPM , SPC, TE, AIR OVER, STUD MO MOT10157 | 1 | \$227.16 | 50\% | \$113.58 |
| мот10164 | Trane | MOTOR 1-1/2 HP, 208-230/460/60/1, 6.3" DIA., 1075 RPM, PSC, TE, BALL BE, MOT10164 | 1 | \$518.13 | 50\% | \$259.07 |
| мот10274 | Trane | MOTOR 3/4 HP, 1075 RPM, 115 VOLT, 4-SPEED, MULT-HP, BB, REVERSIBLE, 'MOT10274 | 1 | \$191.09 | 50\% | \$95.55 |
| мот10275 | Trane | MOTOR; $3 / 4 \mathrm{HP}, 208-230$ VOLT, 4-SPEED, 1075 RPM, MULT-HP, 48 FRAME, : MOT10275 | 1 | \$195.89 | 50\% | \$97.95 |
| мот10293 | Trane | MOTOR; 1.5 HP 200-230/60/3, 56 FR , BALL BRG, 1140 RPM MOT10293 | 1 | \$747.32 | 50\% | \$373.66 |
| мот10294 | Trane | MOTOR; 1.5 HP 460/60/3, 56 FR, BALL BRG, 1140 RPM MOT10294 | 1 | \$761.34 | 50\% | \$380.67 |
| мот10314 | Trane | MOTOR; HERMETIC ABSORPTION PUMP MOTOR, 5 HP, 200-230/460/60/3, 3 MOT10314 | 1 | \$47,204.33 | 50\% | \$23,602.17 |
| мот10331 | Trane | MOTOR OD FAN, $1 / 5 \mathrm{HP}, 1115 \mathrm{RPM}$, 208-230/60/1, CCW LLAD END, SLEEVE MOT10331 | 1 | \$232.49 | 50\% | \$116.25 |
| мот10332 | Trane | MOTOR OD FAN, $1 / 5 \mathrm{HP}, 460 / 60 / 1,1115$ RPM, CCW LEAD END, 48 FRAME, S MOT10332 | 1 | \$296.95 | 50\% | \$148.48 |
| мот10333 | Trane | MOTOR OD FAN, $1 / 5 \mathrm{HP}, 575 / 60 / 1,1115$ RPM, TYPE PSC, CCW LeAd end, 48 MOT10333 | 1 | \$325.92 | 50\% | \$162.96 |
| мот10337 | Trane | MOTOR OD FAN, $1 / 3 \mathrm{HP}$, 208-230/60/1, 1115 RPM , CCW LLEAD END, 48 FRAP MOT10337 | 1 | \$302.46 | 50\% | \$151.23 |
| мот10338 | Trane | MOTOR OD FAN, $1 / 3 \mathrm{HP}$, 460/60/1, 1115 RPM, CCW LEAD END, 48 FRAME, S MOT10338 | 1 | \$330.07 | 50\% | \$165.04 |
| мот10340 | Trane | MOTOR; OD FAN, $2 / 5$ HP, 208-230/60/1, 200/50/1, 1115/950 RPM, CCW LEA MOT10340 | 1 | \$348.55 | 50\% | \$174.28 |
| мот10341 | Trane | MOTOR, OD FAN, $2 / 5 \mathrm{HP}, 460 / 60 / 1,380-415 / 50 / 1,1115 / 940$ RPM, CCW LEP MOT10341 | 1 | \$383.68 | 50\% | \$191.84 |
| мот10343 | Trane | MOTOR ID FAN, 9 HP, 208-230/60/1, 1075 RPM, CW OPPoSITE SHAFT END, MOT10343 | 1 | \$448.56 | 50\% | \$224.28 |
| мот10344 | Trane | MOTOR; ID FAN, 9 HP, 460/60/1, 1075 RPM, CW LEAD END, 48 FRAME, BALIMOT10344 | 1 | \$475.26 | 50\% | \$237.63 |
| мот10345 | Trane | MOTOR; ID FAN, $1 / 3$ HP, 208-230/60/1, 1075 RPM, CW LEAD END, 48 FRAMI MOT10345 | 1 | \$293.22 | 50\% | \$146.61 |
| мот10346 | Trane | MOTOR; ID FAN, $1 / 3$ HP, 460/60/1, 1075 RPM, CW LEAD END, 48 FRAME, SLIMOT10346 | 1 | \$350.80 | 50\% | \$175.40 |
| мот10348 | Trane | MOTOR INDOOR, DIRECT DRIVE, ,50 HP, 208-230/50-60/1, 1075 RPM, 2 SPD, MOT10348 | 1 | \$559.82 | 50\% | \$279.91 |
| мот10349 | Trane | MOTOR INDOOR, DIRECT DRIVE, 50 HP, 460/380-415/50-60/1, 1075 RPM, 2 MOT10349 | 1 | \$375.57 | 50\% | \$187.79 |
| мот10351 | Trane | MOTOR INDOOR, DIRECT DRIVE, ,60 HP, 208-230/60-50/1, 1075 RPM, 2 SPD, MOT10351 | 1 | \$378.60 | 50\% | \$189.30 |
| MOT10352 | Trane | MOTOR; ' NDOOR, DIRECT DRIVE, 60 HP, 460/380-415/50-60/1, 1075 RPM, 2 MOT10352 | 1 | \$436.22 | 50\% | \$218.11 |
| мот10354 | Trane | MOTOR; 'INDOOR, DIRECT DRIVE, 87 HP, 208-230/60-50/1, 1075 RPM, 2 SPD MOT10354 | 1 | \$448.52 | 50\% | \$224.26 |
| мот10355 | Trane | MOTOR INDOOR, DIRECT DRIVE, . 87 HP, 460/380-415/60-50/1, 1075 RPM, 2 MOT10355 | 1 | \$648.96 | 50\% | \$324.48 |
| мот10358 | Trane | MOTOR; 'INDOOR, DIRECT DRIVE, 1.0 HP, 460/380-415/50-60/1, 1075 RPM, 2 MOT10358 | 1 | \$490.25 | 50\% | \$245.13 |
| мот10434 | Trane | MOTOR, $1 / 8$ HP, 200/230/60/1, PSC-2 SPEED, 825 RPM, 48 FRAME, SLEEVE E MOT10434 | 1 | \$295.06 | 50\% | \$147.53 |
| мот10469 | Trane | MOTOR $1 / 8 \mathrm{HP}, 115 \mathrm{~V}, 60 \mathrm{HZ}$, SIZE $1 \& 2$ M 2 M 10469 | 1 | \$431.66 | 50\% | \$215.83 |
| мот10470 | Trane | мотоR; $1 / 3 \mathrm{HP}, 115 \mathrm{~V}, 6 \mathrm{HZ}$, SIIE 3 \& 4 MOT10470 | 1 | \$379.00 | 50\% | \$189.50 |
| мот10472 | Trane | МОTOR $1 / 8 \mathrm{HP}, 115 \mathrm{~V}, 60 \mathrm{~Hz}$, SIZE $8 \& 10$ MOT10472 | 1 | \$665.53 | 50\% | \$332.77 |
| мот10478 | Trane | MOTOR; $1 / 6 \mathrm{HP}, 200 / 230 / 60 / 1$, PSC, 825 RPM, 48 FRAME, SLEEVE BEARING, MOT10478 | 1 | \$303.68 | 50\% | \$151.84 |
| мот10479 | Trane | MOTOR, $1 / 4 \mathrm{HP}, 200 / 230 / 60 / 1$, PSC, 825 RPM, 48 FRAME, SLEEVE BEARING, MOT10479 | 1 | \$314.55 | 50\% | \$157.28 |
| мот10483 | Trane | MOTOR TEAO FAN, 1.5HP 460V MOT10483 | 1 | \$802.60 | 50\% | \$401.30 |
| мот10509 | Trane | MOTOR; 7 HP, 460/380-415/60-50/1, 1100 RPM, CCW LEAD END, TYPE PSC, MOT10509 | 1 | \$741.65 | 50\% | \$370.83 |
| мот10511 | Trane | МоTOR; $3 / 4$ HP, 208-230/60/1, 1100 RPM, CCW LEAD END, TYPE PSC, 48 FR, MOT10511 | 1 | \$593.77 | 50\% | \$296.89 |
| мот10512 | Trane | мотОR; $3 / 4 \mathrm{HP}, 460 / 380-415 / 60-50 / 1,1100$ RPM, CCW LEAD END, TYPE PSI MOT10512 | 1 | \$508.67 | 50\% | \$254.34 |
| мот10519 | Trane | MOTOR 277 VOLT, SIIE 5 MOT10519 | 1 | \$456.66 | 50\% | \$228.33 |
| мот10671 | Trane | MOTOR 2 HP, 1800 RPM, 145T, 200-208V, F1, ODP, PREMIUM EFFICIENCY, EI MOT10671 | 1 | \$588.28 | 50\% | \$294.14 |
| мот10672 | Trane | MOTOR 3 HP, 1800 RPM, 182T, 200-208, F1, ODP, PREMIUM EFFICIENCY, EIS MOT10672 | 1 | \$722.40 | 50\% | \$361.20 |
| мот10673 | Trane | MOTOR 5 HP, 1800 RPM, 184T, 200-208V, F1, ODP, PREMIUM EFFICIENCY,EI: MOT10673 | 1 | \$1,011.50 | 50\% | \$505.75 |
| мот10674 | Trane | MOTOR $7.5 \mathrm{HP}, 1800 \mathrm{RPM}, 213 \mathrm{~T}, 200-208 \mathrm{~V}, \mathrm{FI}$, ODP, PREMIUM EFFICIENCY, MOT10674 | 1 | \$1,052.21 | 50\% | \$526.11 |
| мот10884 | Trane | MOTOR, $15 \mathrm{HP}, 1800 \mathrm{RPM}$, 254T, 230/460, F1, TEFC, EISA MOT10884 | 1 | \$1,907.40 | 50\% | \$953.70 |
| мот10957 | Trane | MOTOR; $1 / 2 \mathrm{HP} 110 / 220 \mathrm{~V} / 60 \mathrm{HZ}$ REVERSABLE MOTOR WITH AIR SWITCHES MOT10957 | 1 | \$780.00 | 50\% | \$390.00 |
| MOT10959 | Trane | MOTOR; $1 / 6 \mathrm{HP}, 460 / 60 / 1$, PSC-1 1 SPEED, 48 FRAME, 825 RPM, CCW, SLEEVE MOT10959 | 1 | \$390.82 | 50\% | \$195.41 |
| мот10962 | Trane | MOTOR;2 SPEED FAN, $3 / 4 \mathrm{HP} / 1 / 2 \mathrm{HP}, 230 \mathrm{~V}, 60 \mathrm{HZ}$, SINGLE PHASE, CP26 MOT10962 | 1 | \$700.00 | 50\% | \$350.00 |
| мот10977 | Trane | MOTOR; 277V, SIIE 1 \& 2 MOT10977 | 1 | \$410.91 | 50\% | \$205.46 |
| мот11051 | Trane | MOTOR; $1 / 4 \mathrm{HP}, 200 / 230 / 60 / 1$, PSC, 48 FRAME, 1075 RPM, CCW, SLEEVE BE MOT11051 | 1 | \$245.53 | 50\% | \$122.77 |
| мот11061 | Trane | MOTOR; $1 / 8 \mathrm{HP}, 460 / 60 / 1$, PSC-1 SPEED, 1075 RPM, 48 FRAME, SLEEVE BEAI MOT11061 | 1 | \$475.92 | 50\% | \$237.96 |
| мот11078 | Trane | мотOR; $2-3 \mathrm{HP}, 190 / 380-230 / 4600,1440 / 1725$ RPM, 56 HZ FRAME, ODP MOT11078 | 1 | \$755.86 | 50\% | \$377.93 |
| мот11080 | Trane | MOTOR 5 HP, 200/60/3, 1725 RPM, 184 T FRAME, ODP MOT11080 | 1 | \$1,373.35 | 50\% | \$686.68 |
| MOT11084 | Trane | MOTOR 5-7.5 HP, 190/380-230/460, 1470/1760 RPM, 213T FRAME, ODP MOT11084 | 1 | \$2,040.00 | 50\% | \$1,020.00 |
| MOT11099 | Trane | MOTOR; CONDENSER, 1/3 (MULT-HP), 825/2 RPM, $208 / 230$ VOLT, 48 Y FRAP MOT11099 | 1 | \$192.83 | 50\% | \$96.42 |
| мот11100 | Trane | MOTOR; CONDENSER, 1/2 (MULT-HP), 1075/2 RPM, 208/230 VOLT, 10MFD MOT11100 | 1 | \$184.18 | 50\% | \$92.09 |
| мот11102 | Trane | MOTOR; $1 / 4 \mathrm{HP}, 460 / 60 / 1$, PSC-1 SPEED, 48 FRAME, 1100 RPM, CCW, SLEEV MOT11102 | 1 | \$295.40 | 50\% | \$147.70 |
| MOT11204 | Trane | MOTOR $1 / 2$ H.P., 277V/60/1 MOT11204 | 1 | \$480.66 | 50\% | \$240.33 |
| MOT11206 | Trane | MOTOR; 1 HP, 200-230/60/3, 56 FRAME, BELYY BAND, odP, BALL BEARING, IMOT11206 | 1 | \$661.53 | 50\% | \$330.77 |
| мот11207 | Trane | моTOR; 1 HP, 460/60/3, 56 FRAME, BELY BAND, ODP, BALL BEARING, CCW MOT11207 | 1 | \$818.93 | 50\% | \$409.47 |
| MOT11233 | Trane | MOTOR, $1 / 6 \mathrm{HP}, 200 / 230 / 60 / 1,2$ SPEED, PSC, 825 RPM, 48 FRAME, SLEEVE IMOT11233 | 1 | \$307.41 | 50\% | \$153.71 |
| мот11234 | Trane | MOTOR; OUTDOOR FAN MOTOR, 230-208V/60HZ/1PH MOT11234 | 1 | \$172.28 | 50\% | \$86.14 |
| мот11237 | Trane |  | 1 | \$167.71 | 50\% | \$83.86 |
| мот11238 | Trane | MOTOR; OUTDOOR FAN, 230-208V/60Hz/1PH MOT11238 | 1 | \$172.28 | 50\% | \$86.14 |
| мот11249 | Trane | MOTOR INDOOR FAN, 115V/60HZ/1PH MOT11249 | 1 | \$171.83 | 50\% | \$85.92 |
| мот11447 | Trane | MOTOR; $1 / 8 \mathrm{HP}, 200 / 230 / 60 / 50 / 1,1075$ RPM, 48 FRAME PSC, SLEEVE BEARI MOT11447 | 1 | \$244.12 | 50\% | \$122.06 |
| мот11476 | Trane | MOTOR 1HP, 460V, 3PH MOT11476 | 1 | \$855.96 | 50\% | \$427.98 |
| MOT11518 | Trane | MOTOR; 15HP, 1800 RPM, 254T, 230/460 V, INVERTER DUTY MOT11518 | 1 | \$3,798.15 | 50\% | \$1,899.08 |
| мот11526 | Trane | MOTOR; $1 / 4 \mathrm{HP}, 460 / 60 / 50 / 1,825$ RPM, 48 FRAME PSC, SLEEVE BEARINGS, 'MOT11526 | 1 | \$418.93 | 50\% | \$209.47 |
| мот11550 | Trane | MOTOR; FAN MOT11550 | 1 | \$907.99 | 50\% | \$454.00 |

The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. . BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated
Microprocessor-Controled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems. Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory Moud HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and . products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor ontrolled HVAC Equipment using a device platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintena ee of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs howers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber opic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not imited to
A. General Purpose I, Telecommicaions, Nerworking Cabing,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicat fire or heath and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. . BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated
Microprocessor-Controled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems. Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
. Itegrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Monted HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these
products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor ontrolled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pane ( (APP), and/or other similar device, which utilize certain platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintena ce of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtub .
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose IT, Telecommunications, Networking Cabing, Fiber Optics (e.g. phone, pbx, digital centrex, digital key systems, television, cable, T-Line, general broadband,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

|  |  | Product Descripition | miny Period - \#o y year(s) after |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Lst Pitice | \% Discount | NYS Nat Pites |
| MOT13222 | Trane | MOTOR; 460/60/1, 1 HP, 39 FRAME, 1075 RPM MOT13222 | 1 | \$2,598.21 | 50\% | \$1,299.11 |
| мот13228 | Trane | MOTOR $1 / 2 \mathrm{HP}, 208-230 / 60 / 1,1050 / 3$ SPEED RPM, CCW MOT13228 | 1 | \$1,393.69 | 50\% | \$696.85 |
| мот13274 | Trane | MOTOR $1 / 3 \mathrm{HP}, 200-230 / 60 / 1,850 / 580$ RPM, 48 FRAME, CCW, BALL BEARIN MOT13274 | 1 | \$585.13 | 50\% | \$292.57 |
| мот13277 | Trane | MOTOR $1 / 3$ HP, 200-230/60/1, 660/440 RPM, 48 FRAME, CCW, BALL BEARIN MOT13277 | 1 | \$1,046.42 | 50\% | \$523.21 |
| мот13306 | Trane | MOTOR $1 / 80 \mathrm{HP}, 4.5$ RPM, 115 V , FOR NOVELLEAIRE NAC544,604 MOT13306 | 1 | \$1,041.71 | 50\% | \$520.86 |
| мот13366 | Trane | MOTOR; $1 / 20 \mathrm{HP}, 115 / 208-330 / 60$,HUB MNT BRK, ODP, TYPE PSC, 21 FRAM MOT13366 | 1 | \$152.30 | 50\% | \$76.15 |
| мот13367 | Trane | MOTOR; FAN COIL, $1 / 12 \mathrm{HP}, 115 \mathrm{~V}, 775 / 3$ SP RPM, DOUBLE SHAFT $9.5 \times 1 / 2$ MOT13367 | 1 | \$693.68 | 50\% | \$346.84 |
| мот13368 | Trane | MOTOR; FAN COIL, $1 / 8 \mathrm{HP}, 115 \mathrm{~V}, 775 / 3$ SP RPM, DOUBLE SHAFT $11 \times 1 / 2 \times$ MOT13368 | 1 | \$536.48 | 50\% | \$268.24 |
| мот13369 | Trane | MOTOR; FAN COIL, $1 / 6 \mathrm{HP}, 115 \mathrm{~V}, 775 / 3$ SP RPM, DOUBLE SHAFT $11 \times 1 / 2 \mathrm{X}$ MOT13369 | 1 | \$546.99 | 50\% | \$273.50 |
| мот13383 | Trane | MOTOR ODP-E, 7.5HP 230/460/3 MOT13383 | 1 | \$2,596.64 | 50\% | \$1,298.32 |
| мот13402 | Trane | MOTOR, $1 / 3 \mathrm{HP}, 208-240 / 60 / 1,850 / 520$ RPM, 48 FRAME, CCW, BALL BEARII MOT13402 | 1 | \$850.62 | 50\% | \$425.31 |
| мот13448 | Trane | MOTOR; $3 / 4 \mathrm{HP}, 208-230 / 60 / 3,1100 \mathrm{RPM}, 48$ FRAME, BALL BeARINGS, MAX MOT13448 | 1 | \$831.01 | 50\% | \$415.51 |
| мот13449 | Trane | MOTOR; $3 / 4 \mathrm{HP}, 460 / 60 / 3,1100$ RPM, 48 FRAME, BALL BEARINGS, MAX FLA MOT13449 | 1 | \$885.92 | 50\% | \$442.96 |
| мот13501 | Trane | MOTOR; $1 / 6 \mathrm{HP}, 208 / 230 \mathrm{~V}$, 1075 RPM, 48 FRAME, $1 / 2 \mathrm{X}$ S SHAFT, TEAO, REVE MOT13501 | 1 | \$112.50 | 50\% | \$56.25 |
| мот13535 | Trane | MOTOR; FAN MOTOR MOT13535 | 1 | \$900.00 | 50\% | \$450.00 |
| мот13560 | Trane | MOTOR 1 HP 200 VOLT ODP, PREMIUM EFFICIENT MOT13560 | 1 | \$838.25 | 50\% | \$419.13 |
| мот13561 | Trane | MOTOR 1.5 HP 200 VOLT ODP, PREMIUM EFFICIENT MOT13561 | 1 | \$860.05 | 50\% | \$430.03 |
| мот13565 | Trane | MOTOR 2 HP 230/460 VOLT ODP, PREMIUM EFFICIENT MOT13565 | 1 | \$922.08 | 50\% | \$461.04 |
| мот13577 | Trane | MOTOR; INDOOR FAN MOT13577 | 1 | \$251.81 | 50\% | \$125.91 |
| мот13658 | Trane | MOTOR 1/10HP, 115/208-230/60, HUB MNT BRK, ODP, PSC, 21 FRAME, SLV MOT13658 | 1 | \$444.00 | 50\% | \$222.00 |
| мот13663 | Trane | мотоR; $10 \mathrm{HP}, 208-230 / 4600,1760-1800$ RPM, 215T. EISA MOT13663 | 1 | \$1,533.69 | 50\% | \$766.85 |
| мот13671 | Trane | MOTOR $1 / 3 \mathrm{HP}, 460 / 60 / 1,1075 / 2$ RPM, REVERSIBLE, 48 Y , , CO CAPACITOR MOT13671 | 1 | \$673.22 | 50\% | \$336.61 |
| мот13693 | Trane | моTOR; $1 / 5 \mathrm{HP}, 200 / 230 / 60 / 1,825$ RPM, 48 FRAME, PSC, BALL BEARING, С MOT13693 | 1 | \$249.38 | 50\% | \$124.69 |
| мот13793 | Trane | MOTOR, $1 / 3 \mathrm{HP}, 200 / 230 / 60 / 1,850$ RPM, 48 FRAME, ECM, BALL BEARING, ( MOT13793 | 1 | \$667.06 | 50\% | \$333.53 |
| мот13847 | Trane | MOTOR; DSP2D, ODP, PRE, AC MTR,60/50HZ, 208-230/460\&190/380V, DE, 5 MOT13847 | 1 | \$974.90 | 50\% | \$487.45 |
| мот13861 | Trane | MOTOR; 7.5 HP, 1800 RPM, 213T, 208-230/460V, F1, ODP, PREMIUM EFFIIIF MOT13861 | 1 | \$1,375.86 | 50\% | \$687.93 |
| мот13882 | Trane | мотоR; 480/400V, 60/50Hz, 3PH, RPM 840/720, HP 1.27/.75, FLA 3.2/2.6, S MOT13882 | 1 | \$919.98 | 50\% | \$459.99 |
| мот13883 | Trane | мотоR; 480/400V, 60/50Hz, 3PH, RPM 840/720, HP 1.27/.75, FLA 3.2/2.6, II MOT13883 | 1 | \$1,069.64 | 50\% | \$534.82 |
| мот13900 | Trane | MOTOR, $10 \mathrm{HP}, 1800 \mathrm{RPM}, 215 \mathrm{~T}, 230 / 460, \mathrm{F1}$, TEFC, EISA MOT13900 | 1 | \$1,324.57 | 50\% | \$662.29 |
| мот13910 | Trane | MOTOR; CONSTANT TORQUE, 1 HP, 230/60/1, 1050-400 RPM, CCW MOT13910 | 1 | \$1,503.48 | 50\% | \$751.74 |
| мот13935 | Trane | MOTOR; VARIABLE SPEED, $1 / 2$ HP, 6.2 AmPS At 120V, 2.7 Amps AT 240V, 50 MOT13935 | 1 | \$1,099.03 | 50\% | \$549.52 |
| мот13942 | Trane | MOTOR OUTDOOR FAN, 265V / 60Hz / 1 PH MOT13942 | 1 | \$215.68 | 50\% | \$107.84 |
| мот13943 | Trane | MOTOR D50P2D,ODP,PRE,AC MTR 60/50Hz,208-230/460\&190/380V DE,50r MOT13943 | 1 | \$4,314.60 | 50\% | \$2,157.30 |
| мот13945 | Trane | MOTOR; $10 \mathrm{HP}, 1800 \mathrm{RPM}, 215 \mathrm{~T}, 230 / 460 \mathrm{~V}, \mathrm{F1}$, ODP, EISA MOT13945 | 1 | \$1,621.70 | 50\% | \$810.85 |
| мот14001 | Trane | MOTOR; ODP, $30 \mathrm{HP}, 1800 \mathrm{RPM}, 208-230 / 460 \mathrm{~V}$, F1, PREMIUM EFF, 286T, EIS MOT14001 | 1 | \$5,086.47 | 50\% | \$2,543.24 |
| мот14005 | Trane | MOTOR $2 \mathrm{HP}, 1800$ RPM, 145T, 230/460V, F1, ODP, EISA MOT14005 | 1 | \$900.10 | 50\% | \$450.05 |
| мот14011 | Trane | МотоR; 1.5/1.0 HP, 1140/950 RPM, 460/380-415/60/50/3, FLA 2.7/2.5, 56Y MOT14011 | 1 | \$773.33 | 50\% | \$386.67 |
| мот14013 | Trane | МотOR; 1.5 HP, 1140 RPM, 460/380-415/60/50, FLA 2.7/2.4-2.5, 56 FRAME, MOT14013 | 1 | \$736.26 | 50\% | \$368.13 |
| мот14014 | Trane | MOTOR; 1.25 HP, 1140 RPM, 200-230/60/3, FLA 5.1-5.2, 56Y FRAME, 24.0 @ MOT14014 | 1 | \$793.95 | 50\% | \$396.98 |
| MOT14015 | Trane | MOTOR 1.25/.75 HP, 1140/940 RPM, 460/380-415/60/50/3, FLA 2.6/2.3-2.5, MOT14015 | 1 | \$762.79 | 50\% | \$381.40 |
| мот14017 | Trane | MOTOR 1.0/.6 HP, 850/725 RPM, 460/380-415/60/50/3, FLA 2.4, 56 FRAME, MOT14017 | 1 | \$858.15 | 50\% | \$429.08 |
| мот14028 | Trane | MOTOR, $10 \mathrm{HP}, 1800 \mathrm{RPM}, 215 \mathrm{l}, 230 / 460, \mathrm{~F} 2$, ODP, EPACT | 1 | \$1,270.00 | 50\% | \$635.00 |
| мот14033 | Trane | MOTOR 20 HP, 1800 RPM, 256T, 230/460, F1, TEFC, PREMIUM EFFICIENCY, E MOT14033 | 1 | \$2,184.55 | 50\% | \$1,092.28 |
| мот14034 | Trane | MOTOR 25 HP, 1800 RPM, 284T, 230/460, F1, TEFC, PREMIUM EFFICIENCY MOT14034 | 1 | \$2,690.00 | 50\% | \$1,345.00 |
| мот14046 | Trane | MOTOR; 3 HP, 1800 RPM, 182T, 230/460V, F1, ODP, PREMIUM EFFICIENCY, ¢ MOT14046 | 1 | \$899.73 | 50\% | \$449.87 |
| мот14053 | Trane | MOTOR ECM 115/230V LB MOT14053 | 1 | \$534.38 | 50\% | \$267.19 |
| моT14056 | Trane | MOTOR 1.5 HP , $1800 \mathrm{RPM}, 145 \mathrm{ST}, 230 / 460 \mathrm{~V}$, F1, ODP, PREMIUM EFFICIENCY, MOT14056 | 1 | \$715.00 | 50\% | \$357.50 |
| MOT14064 | Trane | MOTOR $1 \mathrm{HP}, 230 / 460 / 60 / 3$, HE-ODP, 143T, 1800 RPM, F1, EISA MOT14064 | 1 | \$550.16 | 50\% | \$275.08 |
| моT14068 | Trane | MOTOR; $71 / 2 \mathrm{HP}, 230-460 / 50-60 / 3,3450$ RPM, 2 POLE, 1 SHAFT, RIGID BAS MOT14068 | 1 | \$1,358.96 | 50\% | \$679.48 |
| мот14073 | Trane | MOTOR, $71 / 2 \mathrm{HP}, 230 / 460 / 60 / 33$, OPEN, 1760 RPM, RIGID, 213 FRAME, DRI MOT14073 | 1 | \$2,227.79 | 50\% | \$1,113.90 |
| моT14085 | Trane | MOTOR 2 HP, 208-230/460, 50/60, 3 PH, ODP, 145T, 1800 RPM, F1, EISA MOT14085 | 1 | \$710.38 | 50\% | \$355.19 |
| мот14217 | Trane | МОТОR; $50 \mathrm{HP}, 208-230 / 460 \mathrm{~V}, 1800 \mathrm{RPM}$, 326TS, ODP, EISA MOT14217 | 1 | \$4,484.04 | 50\% | \$2,242.02 |
| мот14262 | Trane | MOTOR 40 HP, 1800 RPM, 324T, 230/460V, F1, TEFC, EISA MOT14262 | 1 | \$4,224.10 | 50\% | \$2,112.05 |
| мот14274 | Trane | MOTOR; ' DOOOR FAN, 208/230V/60Hz/1PH MOT14274 | 1 | \$195.08 | 50\% | \$97.54 |
| MOT14275 | Trane | MOTOR REPLACEMENT MOTOR W/ baLDor Grease fitting plug and aeg moti4275 | 1 | \$24,050.00 | 50\% | \$12,025.00 |
| моT14280 | Trane | MOTOR; 5 HP, 208-230/60/1, OPEN, 184T FRM, RIGD BASE, BALL BEARING, प MOT14280 | 1 | \$2,096.47 | 50\% | \$1,048.24 |
| мот14293 | Trane | MOTOR; AC SkINNY IV; MOTOR ID 2; 208-240V; INVERTER DUTY MOT14293 | 1 | \$812.05 | 50\% | \$406.03 |
| мот14328 | Trane | MOTOR; $1 / 8$ HP, 200/230/60/1, 825 RPM, 48 FRAME, PSC, SLEEVE BEARING, MOT14328 | 1 | \$154.63 | 50\% | \$77.32 |
| мот14337 | Trane | MOTOR 1.5HP, 460/380-415V, 60/50Hz, 3PH, 56 FRAME, ODP, TOP BALL BE/ MOT14337 | 1 | \$745.72 | 50\% | \$372.86 |
| мот14369 | Trane | MOTOR; $1 / 5 \mathrm{HP}, 265 / 60 / 1,3$ SPEED, 48 FR, 1075/900/700 RPM, REVERSIBLE MOT14369 | 1 | \$393.18 | 50\% | \$196.59 |
| MOT14402 | Trane | MOTOR $100 \mathrm{HP}, 200 / 60 / 3,1745$ RPM, 404TS, ODP, F1 MOT14402 | 1 | \$10,550.00 | 50\% | \$5,275.00 |
| моT14419 | Trane | MOTOR $1 / 6$ HP, 115/60/1, HUB/STUD MNT W/CAP.\& MTG. KIT, OAO, PSC, SI MOT14419 | 1 | \$199.72 | 50\% | \$99.86 |
| моT14436 | Trane | MOTOR, 3HP, 230-460/60/3, BRACKETS ARE PART OF MOTOR MOT14436 | 1 | \$1,668.36 | 50\% | \$834.18 |
| мот14444 | Trane | MOTOR; VENT MOT14444 | 1 | \$263.48 | 50\% | \$131.74 |
| мот14453 | Trane | MOTOR 10 HP, 230/460/60/3, TEFC, 215T, 1800 RPM, F1, EISA MOT14453 | 1 | \$1,563.44 | 50\% | \$781.72 |
| мот14460 | Trane | MOTOR $30 \mathrm{HP}, 230 / 460 / 60 / 3,1800 \mathrm{RPM}, 286 \mathrm{~T}, \mathrm{ODP}$, F1, EISA MOT14460 | 1 | \$2,153.58 | 50\% | \$1,076.79 |
| мот14468 | Trane | MOTOR; $25 \mathrm{HP}, 230 / 460 / 60 / 3,1800$ RPM, 284T, ODP, F2, EISA MOT14468 | 1 | \$1,655.97 | 50\% | \$827.99 |
| мот14470 | Trane | MOTOR; 5 HP, 230/460/60/3, 1800 RPM, 184T, ODP, F2, EISA MOT14470 | 1 | \$458.74 | 50\% | \$229.37 |
| мот14489 | Trane | MOTOR; $1.5 \mathrm{HP}, 460 / 60 / 3,860 \mathrm{RPM}$, TEAO | 1 | \$1,153.15 | 50\% | \$576.58 |
| моT14490 | Trane | MOTOR; 3 HP, 208-230/460//60HZ, 200/400/50HZ, 3 PH, 1750/1450 RPM, 56 MOT14490 | 1 | \$1,492.77 | 50\% | \$746.39 |
| мот14526 | Trane | MOTOR 15 HP, 1800 RPM, 254T, 208-230/460V, 190/380V, 60HZ, F2, TEFC, F MOT14526 | 1 | \$2,970.00 | 50\% | \$1,485.00 |
| мот14575 | Trane | МОTOR; $1 / 4 \mathrm{HP}, 115 / 60 / 1,3$ SPEED, PSC, $1100 / 940 / 710$ RPM, HI EFFICIENCY MOT14575 | 1 | \$291.96 | 50\% | \$145.98 |
| мот14576 | Trane | MOTOR; DIRECT DRIVE, 50 HP, $575 / 60 / 1,1075$ RPM, 2 SPD, TYPE PSC, 7.5 M MOT14576 | 1 | \$763.91 | 50\% | \$381.96 |
| мот14580 | Trane | MOTOR 15 HP, 1800 RPM , 254T, 208-230/460V, $190 / 380 \mathrm{~V}, 6 \mathrm{HZ}$, F1, TEFC, F MOT14580 | 1 | \$5,173.56 | 50\% | \$2,586.78 |
| MOT14610 | Trane | MOTOR; 1 HP 200-460/60/3, 3/4 HP 400/50/3, 56, 850/725 RPM, INVERTER MOT14610 | 1 | \$956.26 | 50\% | \$478.13 |
| MOT14637 | Trane | MOTOR 230/460V/3PH, $1 / 4 \mathrm{HP}$ INV MOT14637 | 1 | \$2,024.42 | 50\% | \$1,012.21 |
| моT14640 | Trane | MOTOR; ECM, 115/230V, $50 / 60 \mathrm{HZ}, 95 \mathrm{~W}, 1580 \mathrm{RPM}$, CW, SIIGLL SHAFT MOT14640 | 1 | \$465.92 | 50\% | \$232.96 |
| мот14644 | Trane | MOTOR; $15 \mathrm{HP}, 1800 \mathrm{RPM}, 254 \mathrm{~T}, 230 / 460 \mathrm{~V}, 190 / 380 \mathrm{~V}, 60 / 50 \mathrm{HZ}$, F1, ODP, PI MOT14644 | 1 | \$1,992.15 | 50\% | \$996.08 |
| мот14649 | Trane | моtor; $1 / 3 \mathrm{HP}, 200-230 / 60 / 1,850-580$ RPM, 48 FRAME, CCW, BALL BEARII MOT14649 | 1 | \$996.03 | 50\% | \$498.02 |
| мот14754 | Trane | MOTOR 460V, NAC704 MOT14754 | 1 | \$1,570.00 | 50\% | \$785.00 |
| мот14845 | Trane | MOTOR 208/230/460, 1075 RPM, $1 / 6$ HP 3 PHASE MOT14845 | 1 | \$1,932.86 | 50\% | \$966.43 |
| мот14927 | Trane | MOTOR 3HP, 230/460/60/3 ODP, E182T, 1800 RPM, F2 MOT14927 | 1 | \$1,060.00 | 50\% | \$530.00 |
| мот15261 | Trane |  | 1 | \$778.23 | 50\% | \$389.12 |
| мот15308 | Trane | MOTOR MODULE, 1 OR 3/4 HP, EON MOT15308 | 1 | \$664.38 | 50\% | \$332.19 |
| мот16111 | Trane | MOTOR ALTERNATING CURRENT, 1 HP 208-230V, 60Hz, 3PH /3/4 HP 190V, M Mot 16111 | 1 | \$713.25 | 50\% | \$356.63 |
| мот16113 | Trane | MOTOR ALTERNATNG CURRENT, $1 / 2 \mathrm{HP} 208-230 \mathrm{~V}, 60 \mathrm{HZ}, 3 \mathrm{3PH} / 1 / 3 \mathrm{HP}, 190 \mathrm{MOT} 16113$ | 1 | \$595.61 | 50\% | \$297.81 |
| мот16114 | Trane | motor Alternating current, $3 / 4 \mathrm{HP} 208-230 \mathrm{~V}, 60 \mathrm{HZ}, 3 \mathrm{3PH} / 1 / 2 \mathrm{HP} 1901$ MOT16114 | 1 | \$627.03 | 50\% | \$313.52 |
| мот16117 | Trane | MOTOR ALTERNATING CURRENT, $11 / 2 \mathrm{HP} 208-230 \mathrm{~V}, 60 \mathrm{HZ}, 3 \mathrm{PH} / 1 \mathrm{HP} 190 \mathrm{~V}$ MOT16117 | 1 | \$727.26 | 50\% | \$363.63 |
| мот16118 | Trane | motor Alternating current, 1-1/2 HP 460V, 60HZ, 3PH / 1 HP 380-415 Mot 16118 | 1 | \$849.16 | 50\% | \$424.58 |
| моT16119 | Trane | motor Alternating current, 2 HP 460 V , 60HZ, 3PH / $1-1 / 2 \mathrm{HP} 380-415 \mathrm{~L}$ MOT16119 | 1 | \$998.99 | 50\% | \$499.50 |
| MOT16121 | Trane | MOTOR ALTERNATING CURRENT, $2 \mathrm{HP} 208-230 \mathrm{~V}, 60 \mathrm{~Hz}, 3 \mathrm{PH} / 1-1 / 2 \mathrm{HP} 190 \mathrm{M}$ MOT16121 | 1 | \$807.20 | 50\% | \$403.60 |
| мот16266 | Trane | MOTOR $0.33 \mathrm{HP}, 56$ FRAME MOT16266 | 1 | \$2,140.00 | 50\% | \$1,070.00 |
| мот16274 | Trane | MOTOR 1 HP, 208-230/460/60/3 BELLY BAND MOUNT, ODP, 567, BALL BRG., MOT16274 | 1 | \$564.60 | 50\% | \$282.30 |
| MPR00001 | Trane | IMPELLER; REPAIR \& RETURN, CLEAN \& BALANCE. MPR00001 | 1 | \$1,732.82 | 50\% | \$866.41 |
| MPR00002 | Trane | IMPELLER; REPAIR \& RETURN, NOSE \& SEAL RING REPAIR. MPROoooz | 1 | \$5,026.37 | 50\% | \$2,513.19 |
| MPR00004 | Trane | IMPELLER; REPAIR \& RETURN, Bore, Nose, And SEAL REPAIR. MProooou | 1 | \$9,290.34 | 50\% | \$4,645.17 |
| мте00082 | Trane | MOTOR; CTV,RemANUFACTURED MTE00082 | 1 | \$21,829.75 | 50\% | \$10,914.88 |
| мте00083 | Trane | MOTOR; CTV, REMAN, 36B111, K1311-45, DRV3-1538, 460/60/3 MTE00083 | 1 | \$39,604.37 | 50\% | \$19,802.19 |
| мтео0086 | Trane | MOTOR; REMAN, 40B150, K1312-45, DRV3-1734, 460/60/3 VOLT MTE00086 | 1 | \$39,799.91 | 50\% | \$19,899.96 |
| мTE00100 | Trane | MOTOR; CTV, REMANUFACTURED MTE00100 | 1 | \$54,382.98 | 50\% | \$27,191.49 |
| мте01900 | Trane | мотоR; REL K1659-15 460V мTе01900 | 1 | \$51,144.22 | 50\% | \$25,572.11 |
| мтео1902 | Trane | мотоR; REL K1568-35 460V мTE01902 | 1 | \$54,004.44 | 50\% | \$27,002.22 |
| мтео1903 | Trane | MOTOR; REMAN, 408188, K1313-25, 460/60/3 мTE01903 | 1 | \$41,648.08 | 50\% | \$20,824.04 |
| мте01936 | Trane | MOTOR; REL K1569-59 4160V MTE01936 | 1 | \$61,397.13 | 50\% | \$30,698.57 |
| мтео1945 | Trane | MOTOR; REMAN, K1365-89, 4160/60/3 MTE01945 | 1 | \$92,076.56 | 50\% | \$46,038.28 |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. . BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated
Microprocessor-Controled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems. Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mouted [Istlledl. Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, F $\quad$ Interface Pa. platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance; and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforemeni. mainten of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, howers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
A. Aueral Purpose Io

A physical security and faciity system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' $\mathbf{l}$ location in the event of a fire or emergency.

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|  |  |  |  | uired by Appendix B, | Lsit Pice | \% Discount | Nvs Nel Picice |
| мте02037 | Trane | MOTOR;REL 448698460 VOLTS | мте02037 | 1 | \$65,069.23 | 50\% | \$32,534.62 |
| мтео2118 | Trane | MOTOR;REL P50G128 460 Volts | мтео2118 | 1 | \$68,283.25 | 50\% | \$34,141.63 |
| мтео2231 | Trane | MOTOR;REL K1569-79 4160 voLTS | мтео2231 | 1 | \$68,073.70 | 50\% | \$34,036.85 |
| мтео2844 | Trane | MOTORREL $40 B 141460$ Volt r\&r | мтео2844 | 1 | \$18,833.82 | 50\% | \$9,416.91 |
| мте02881 | Trane | моtor;REL 448557460 VOLT R\&R | мте02881 | 1 | \$41,656.86 | 50\% | \$20,828.43 |
| мтео2898 | Trane | MOTORLOUIS ALLIS RCS1556 460 VOLT R\&R | мтео2898 | 1 | \$26,595.69 | 50\% | \$13,297.85 |
| мтео2913 | Trane | MOTOR;REL P506128 460 Volt R\&R | мтео2913 | 1 | \$66,439.78 | 50\% | \$33,219.89 |
| мте03027 | Trane | MOTORREL P50G128 460 VOLT R\&R | мте03027 | 1 | \$23,052.50 | 50\% | \$11,526.25 |
| мтR00013 | Trane | meter; run | мтR00013 | 1 | \$347.10 | 50\% | \$173.55 |
| мтR00029 | Trane | METER; CYCLE COUNTER 5 DIGIT 115V 50/60Hz | мтR00029 | 1 | \$478.00 | 50\% | \$239.00 |
| мтR00032 | Trane | METER; HOUR, 115VAC, 60 Hz | мтR00032 | 1 | \$136.06 | 50\% | \$68.03 |
| мтво0887 | Trane | meter; Amprobe amb-3 megohm meter | мтво0887 | 1 | \$299.90 | 50\% | \$149.95 |
| мтR00908 | Trane | METER; CFM MASTER \|| DIGITAL AIRFLOW/TEMPERATURE Meter nin | мтR00908 | 1 | \$485.78 | 50\% | \$242.89 |
| мтвоо948 | Trane | meter; digital pocket multimeter, non-contact voltage led and b n | мтвоо948 | 1 | \$58.50 | 50\% | \$29.25 |
| мтв00975 | Trane | metrr; Standalone dual port manometer, SdMn5 | мтв00975 | 1 | \$223.50 | 50\% | \$111.75 |
| мтвоо99з | Trane | meter; HOUR, 115V, 50/60Hz | мтвоо99з | 1 | \$115.00 | 50\% | \$57.50 |
| мтR01047 | Trane | METER; CORDLESS PIPE CLAMP THERMISTOR InStrument -20/30 F/C | мтR01047 | 1 | \$279.56 | 50\% | \$139.78 |
| мтR01048 | Trane | METER; THREE ZONE THERMISTOR TEMP INST W/PROBES-40-300 FجC | мтR01048 | 1 | \$569.00 | 50\% | \$284.50 |
| мтR01049 | Trane | METER; GUN STYLE INFRARED 11:1 W/LASER \& THERMOCOUPLE JACK | мtR01049 | 1 | \$309.45 | 50\% | \$154.73 |
| мTR01050 | Trane | METER; THERMISTOR TEMP/HUMIDITY WEt Bulb inst w/CASE | мtr01050 | 1 | \$792.48 | 50\% | \$396.24 |
| мтR01061 | Trane | METER; INDUSTRIAL ELECTRICIANS COMBO KIT, FLUKE-87V dMM, WITH TES | мtr01061 | 1 | \$1,159.98 | 50\% | \$579.99 |
| мтR01067 | Trane | METER; AMPROBE DUAL DISPLAY DIGITAL CLAMP-ON MULTIMETER, ACD-14 | мтR01067 | 1 | \$199.97 | 50\% | \$99.99 |
| мтR01074 | Trane | meter; thwd-3 relative humidiy temperature min | мтR01074 | 1 | \$299.90 | 50\% | \$149.95 |
| мтR01098 | Trane | Meter; dual input digital thermometer | мтR01098 | 1 | \$299.90 | 50\% | \$149.95 |
| мтR01195 | Trane | meter; THWD-3 Relative humidity temperature meter | мтR01195 | 1 | \$299.90 | 50\% | \$149.95 |
| мтR01364 | Trane | meter; COUNTER, 6 DIGIT, 115 VAC , SCREW MOUNT | мTR01364 | 1 | \$287.58 | 50\% | \$143.79 |
| мTR01378 | Trane | METER; PRH2 POCKET PSYCHROMETER | мTR01378 | 1 | \$648.00 | 50\% | \$324.00 |
| мтR01381 | Trane | meter; AM-520 hVac multimeter | мtR01381 | 1 | \$119.90 | 50\% | \$59.95 |
| мтв01396 | Trane | METER; 600A AC DIGITAL CLAMP METER W/ TEMP | мтв01396 | 1 | \$269.91 | 50\% | \$134.96 |
| N1P00123 | Trane | NIPPLE; RUBBER, 0.34 DIA WITH 0.055 DIA HOLD | N1P00123 | 1 | \$121.15 | 50\% | \$60.58 |
| N1P00159 | Trane | NIPPLE $1 / 81 \mathrm{IN} \times 11 / 2 \mathrm{IN}$ NPT FOR 820 Solenoid | N1P00159 | 1 | \$3.50 | 50\% | \$1.75 |
| N1P00267 | Trane | NIPPLE RUBBER NIPPLE FOR TOLO1426 | N1P00267 | 1 | \$5.62 | 50\% | \$2.81 |
| Noz00069 | Trane | NozzLe; RING ASSEmbly | NOZ00069 | 1 | \$30.91 | 50\% | \$15.46 |
| Nozooob4 | Trane | NozzLe; \& RING ASSEMBLY | Nozooob4 | 1 | \$30.52 | 50\% | \$15.26 |
| Nozoos17 | Trane | NozzLE; ADAPTER GIN, OP24 | Nozoos17 | 1 | \$498.60 | 50\% | \$249.30 |
| Nozoor19 | Trane | NOZZLE: VARIABLE SPRAY NozzLe for grw- 1200 WASHER | Nozoor19 | 1 | \$55.00 | 50\% | \$27.50 |
| Nozoos29 | Trane | NOZZLE; SINGLE 5 IN. BLACK NoZZLE KIT, WHICH COMES WITH FLANGE AND N | Nozoos29 | 1 | \$70.00 | 50\% | \$35.00 |
| Nozoos40 | Trane | NoZZLE; INSULATED GARDEN HoSE SPRAY NoZZLE | Nozoos40 | 1 | \$27.90 | 50\% | \$13.95 |
| Nozoos41 | Trane | NozZLe; Non-Insulated garden hose spray nozzle ner | Nozoos41 | 1 | \$15.08 | 50\% | \$7.54 |
| NOZOO849 | Trane | NOZZLE; 1 1/8" STRAIGHT BAYONET NOZZLE FOR MODEL SAM-3 Nozele | NOZOO849 | 1 | \$160.00 | 50\% | \$80.00 |
| Nozoos50 | Trane | NozzLe; 2" STRAIGHT BAYONEt NozzLe For model sam-3 | Nozoos50 | 1 | \$160.00 | 50\% | \$80.00 |
| Nozoos52 | Trane | NozzLe; 3" STRAIGHT BAYONEt NozzLe For model sam-3 | Nozoos52 | 1 | \$160.00 | 50\% | \$80.00 |
| Nozoo863 | Trane | Nozzle 36" Extension wand with go degree nozzle | Nozoo863 | 1 | \$123.85 | 50\% | \$61.93 |
| Nozoos88 | Trane | NozzLe 24" LONG, 90 DEGREE NOZZLE | Nozoos88 | 1 | \$110.00 | 50\% | \$55.00 |
| nutoooz4 | Trane | NUT; HEX CAP, .25, Coupling | nut00024 | 1 | \$4.39 | 50\% | \$2.20 |
| nut00049 | Trane | NUT; 50 FFL $\times 50 \mathrm{OD}$, flare | nut00049 | 1 | \$2.20 | 50\% | \$1.10 |
| nutoo258 | Trane | NUT, $500-13$ UNC BRASS | nutoo25s | 1 | \$3.30 | 50\% | \$1.65 |
| nutoo355 | Trane | NUT; HEX, LOCK, 5/16IN.-18 | nutoo355 | 1 | \$13.98 | 50\% | \$6.99 |
| nutooso3 | Trane | NUTSPEED, $60 \times$ X 63 | nutooso3 | 1 | \$32.48 | 50\% | \$16.24 |
| nutoos87 | Trane | NUT; HEX CAP, 38-16 | nUT00587 | 1 | \$3.30 | 50\% | \$1.65 |
| nutoob02 | Trane | NUT; $0.62 \times 0.62$ Od Nution | nutoob02 | 1 | \$3.14 | 50\% | \$1.57 |
| nutoob38 | Trane | NUT; LOCK, N-12, with 12 Balancing holes (UNIT SIZE 056-140) Nuta | nut00638 | 1 | \$56.17 | 50\% | \$28.09 |
| NUT00639 | Trane | NUT; LOCK, An-22, TRIM BALANCE NUT | nUT00639 | 1 | \$235.89 | 50\% | \$117.95 |
| nUT00697 | Trane | NUT; U-TYPE, 31-18 Nut | nut00697 | 1 | \$2.20 | 50\% | \$1.10 |
| nuT00729 | Trane | NUT; HYDRAULIC ASSY, 4.7IN. OD X $2.21 \mathrm{IN} .1 \mathrm{ID}, 18$ TPI NF-3A | nutoor29 | 1 | \$5,099.30 | 50\% | \$2,549.65 |
| nutoo730 | Trane | NUT; HYDRAULIC ASSY, 6.11N. OD X 3.61 IN . ID, 12 TPI NF-3A | nutoor30 | 1 | \$9,375.89 | 50\% | \$4,687.95 |
| nutoor29 | Trane | NUT; FLARE SHORT FORGED 3/16IN. (CONTAINS 10 NUTS) | nutoos29 | 1 | \$12.06 | 50\% | \$6.03 |
| nutoo836 | Trane | NUT; REDUCING FLARE SHORT FORGED (CONTAINS 5 NUTS) $3 / 8 \mathrm{IN}$. $\mathrm{X} 1 / 4 \mathrm{IN}$. N | nutoo836 | 1 | \$7.65 | 50\% | \$3.83 |
| NUT00837 | Trane | NUT; REDUCIING FLARE SHORT FORGED (CONTAINS 5 NUTS) $1 / 2 \mathrm{IN}$. $\mathrm{X} 3 / 8 \mathrm{IN}$. N | nUT00837 | 1 | \$9.36 | 50\% | \$4.68 |
| nut00839 | Trane | NUT; FLARE LONG FORGED $3 / 8 \mathrm{IN}$. (CONTAINS 4 NUTS) | nut00839 | 1 | \$7.77 | 50\% | \$3.89 |
| nuT00862 | Trane | nut, hex mounting nut | nutoor62 | 1 | \$3.24 | 50\% | \$1.62 |
| nutoor64 | Trane | NUT; 1-14, HEX | nutoor64 | 1 | \$11.02 | 50\% | \$5.51 |
| nutoor65 | Trane | NUT 17/16-12 NUT | nutoor65 | 1 | \$24.24 | 50\% | \$12.12 |
| nutoor92 | Trane | NUT; HEATER WELL, $1.25-12$ UNF-2B, STEEL | nutoor92 | 1 | \$112.39 | 50\% | \$56.20 |
| nutoor99 | Trane | NUT; 0.25-20, HEX LOCK (PACK OF 50 ) N | nut00899 | 1 | \$24.24 | 50\% | \$12.12 |
| NUT00912 | Trane | NUT; LOCK, HEX, 0.50-13 (PACK OF 50) N | NUT00912 | 1 | \$45.11 | 50\% | \$22.56 |
| nutoo919 | Trane | NUT; HEX, 0.75-16, BRASS TERMINAL STUD (PACK OF 10 ) Nut | nutoo919 | 1 | \$81.54 | 50\% | \$40.77 |
| nutoog49 | Trane | NUT; 69-16 HEX Nuther | nutoog49 | 1 | \$5.50 | 50\% | \$2.75 |
| nutoo956 | Trane | NUT; FLARE SHORE FORGED, 75 FFLX 75 OD N | nutoo956 | 1 | \$6.34 | 50\% | \$3.17 |
| nutoo957 | Trane | NUT EXTENSION FLARE. 25 MFL NUT X. 25 TUBE, SHORT TUBE TO FLARE NU | nutoo957 | 1 | \$2.88 | 50\% | \$1.44 |
| nutoo958 | Trane | NUT; EXTENSION FLARE. 38 MFL NUTX X 38 TUBE | nutoo958 | 1 | \$6.84 | 50\% | \$3.42 |
| nut00959 | Trane | NUT; Extension flare 0.50 MFL nut x 50 TUBE Nut | nut00959 | 1 | \$8.28 | 50\% | \$4.14 |
| nutoog60 | Trane | NUT; EXTENSION FLARE 0.63 MFL NUT X 0.63 TUBE NU | nutoog6o | 1 | \$7.84 | 50\% | \$3.92 |
| NUT00961 | Trane | NUT; 0.25 Od, FLARE (PACK OF 10) N | NUT00961 | 1 | \$30.76 | 50\% | \$15.38 |
| nutoog6s | Trane | NUT. 38-16, ZINC PLATED ( 1 CTN $=10$ PCS ) N | nutoog6s | 1 | \$8.82 | 50\% | \$4.41 |
| nutoo968 | Trane | NUT; SPEED, TYPE U, 0.25-20 Nution | nutoo968 | 1 | \$380.10 | 50\% | \$190.05 |
| nutoo976 | Trane | NUT HEX 5/16 In-24 (1 CTN = 10 PCS) NUT | nutoo976 | 1 | \$6.62 | 50\% | \$3.31 |
| nutoo979 | Trane | NUT; LOCK, HEX, 0.38-24, CAD OR ZNZ PLD (PACK OF 10) | nut00979 | 1 | \$26.44 | 50\% | \$13.22 |
| nutoog81 | Trane | NUT; LOCK, 0.31-18 (PACK OF 10) N | nutoogs1 | 1 | \$1.52 | 50\% | \$0.76 |
| nutoog83 | Trane | NUT; 0.62 DIA, PUSH ON Nut | nutooges | 1 | \$28.64 | 50\% | \$14.32 |
| nutoo984 | Trane | NUT; 0.88 DIA, PUSH ON N | nutoogs | 1 | \$27.99 | 50\% | \$14.00 |
| nutoogs6 | Trane | NUT. $38-16$ HEX NUT, C27000 BRASS | nutoogs6 | 1 | \$9.92 | 50\% | \$4.96 |
| nutoo992 | Trane | NUT; 1.38-12 HEX, SEAL-LOK, STEEL N | nutoo992 | 1 | \$7.72 | 50\% | \$3.86 |
| nutoo999 | Trane | NUT; 1.25-12 UNF-2B THREAD SIIZ (FOR 3/4" OR 5/8" TUBE SIIE) N | nutoog99 | 1 | \$82.00 | 50\% | \$41.00 |
| nUT01000 | Trane | NUT; 1.00-14 UNS-2B THREAD SIIZ (FOR 1/2" TUBE SIIE) N | nUTO1000 | 1 | \$3.04 | 50\% | \$1.52 |
| nUT01005 | Trane | NUT; SELF THREADING, $0.023 \times 0.31 \mathrm{ID} \mathrm{X} 0.88 \mathrm{OD}$ | nuto1005 | 1 | \$12.12 | 50\% | \$6.06 |
| NUT01012 | Trane | NUT; ALUMINUM DISCONNECT NUT | NUT01012 | 1 | \$66.00 | 50\% | \$33.00 |
| nuto1060 | Trane | NUT; CAGE 25-20 Nut | nUT01060 | 1 | \$8.94 | 50\% | \$4.47 |
| nuT01071 | Trane | NUT; MECHANICAL LOCK RETAINING, 2.157-18 THREAD, SPECIAL SHoelock | nuT01071 | 1 | \$252.22 | 50\% | \$126.11 |
| nUT01072 | Trane | NUT; MECHANICAL LOCK RETAINING, 3.527-12 THREAD, SPECIAL SHoelock | nUT01072 | 1 | \$464.60 | 50\% | \$232.30 |
| OlL00015 | Trane | OIL; COMPRESSOR, 300 SUs, 1 GAL CONTAINER | 01100015 | 1 | \$89.60 | 50\% | \$44.80 |
| O1L00022 | Trane | Oll; Centrifugal, white mineral rerrigerant, Grade 68, 2.5 Gallon | O1L00022 | 1 | \$185.92 | 50\% | \$92.96 |
| 01100027 | Trane | OIL; COMPRESSOR, 1 QUART, White mineral oil with an ant-wear adio | O1L00027 | 1 | \$48.66 | 50\% | \$24.33 |
| O1100031 | Trane | OIL; COMPRESSOR; 300 SUS, 1 GAL CONTAINER | O1L00031 | 1 | \$84.00 | 50\% | \$42.00 |
| Oll00042 | Trane | OIL; COMPRESSOR, 150 SUS, WITH LUBRICITY AdDITVE. 1 GAL CONTAIIER - O | O1L00042 | 1 | \$97.74 | 50\% | \$48.87 |
| 01.100045 | Trane | OIL; COMPRESSOR, 300 SUS, WITH LUBRICITY ADDITVE | 01100045 | 1 | \$83.52 | 50\% | \$41.76 |
| O1L00048 | Trane | OIL; REFRIGERATION LUBRICANT ISO 68 POLYOL ESTER O | OILO0048 | 1 | \$161.92 | 50\% | \$80.96 |
| O1L00058 | Trane | OIL; REFRIGERATION, 300 VIISCOITT, ONE GALION OLI | O1L00058 | 1 | \$59.10 | 50\% | \$29.55 |
| OlL00068 | Trane | OIL; VACUUM, QUARTS | OILO0068 | 1 | \$16.81 | 50\% | \$8.41 |
| O1100078 | Trane | OIL; ReFrigeration lubricant, poe, rliz2Hb, 1 QUART | 01100078 | 1 | \$62.20 | 50\% | \$31.10 |
| O1L00080 | Trane | OIL; Refrigeration lubricant, Poe, rliz2H, 1 GAllon | O1L00080 | 1 | \$159.67 | 50\% | \$79.84 |
| Oll00091 | Trane | OIL; WAGNER PULL-A-Spout olier, 4 OZ 14 INCH TELLSCOPING Spout ond | Ollooo91 | 1 | \$3.23 | 50\% | \$1.62 |
| 01100096 | Trane | OIL; VACUUM PUMP, QUART | 01.00096 | 1 | \$15.16 | 50\% | \$7.58 |
| 01100097 | Trane | OIL; VACUUM PUMP, Gallon or | O1L00097 | 1 | \$64.00 | 50\% | \$32.00 |
| OIL00108 | Trane | OIL; REFRIGERATION OIL, C-3 (150 VISCOSITY MO), 1 GAL | O1L00108 | 1 | \$55.92 | 50\% | \$27.96 |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. . BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated
Microprocessor-Controled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems. Microprocessor-Controlled HNAC Equipment in a building or faciily. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
 Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pane (andor other similo device, which utilize certain platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned sion, systems integration, or maintenate of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
A. General Purpose Iudio-Video elecommicaion, Nerw

A physical security and facility system includes an emergency telephone system or pbx system expressly and solety used
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' 'ocation in the event of a fire or emergency.


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3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mouted [Istlled], Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integra
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A. General Purpose M, Telecommumications, Ne.

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used.
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' location in the event of a fire or emergency.

| PADOO917 |  | Produt 1 |  | $\begin{gathered} \text { "Warranty Period - \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54 \text { " } \end{gathered}$ | Lst Price | \% Discount | wvs Mel Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |
|  | Trane | PAD; CLADLTE LIGHTWEIGHT EQUIPMENT, $24 \times 30 \times 2$ | PAD00917 | 1 | \$42.48 | 50\% | \$21.24 |
| PAD00918 | Trane | PAD; CLADLTE LIGHTWEIGHT EQUIPMENT, $24 \times 36 \times 2$ | PADO0918 | 1 | \$50.57 | 50\% | \$25.29 |
| PAD00919 | Trane | PAD; CLADLTTE LIGHTWEIGHT EQUIPMENT, $24 \times 42 \times 2$ | PADOO919 | 1 | \$58.70 | 50\% | \$29.35 |
| PADOO946 | Trane | PAD; Ant-VIBRATION MOUNTING, $4 \times 4 \times 3 / 8$ RUBber | PADOO946 | 1 | \$1.11 | 50\% | \$0.56 |
| PADO0947 | Trane | pad; ant-Vibration mounting, $4 \times 4 \times 7 / 8$ RUBBER/CORK | PADOO947 | 1 | \$1.94 | 50\% | \$0.97 |
| PAD00961 | Trane | PAD; ALL PURPose cleaning pad | PADOO961 | 1 | \$10.33 | 50\% | \$5.17 |
| PADO1112 | Trane | PAD; DURAGRID EQUIPMENT PAD, $24 \times 42 \times 2$ | PAD01112 | 1 | \$77.20 | 50\% | \$38.60 |
| PADO1119 | Trane | pad; duragrid equipment pad, 33x33x2 | PADO1119 | 1 | \$75.01 | 50\% | \$37.51 |
| PADO1124 | Trane | PAD; DURAGRID EQUPPMENT PAD, 36x42×2 | PAD01124 | 1 | \$107.31 | 50\% | \$53.66 |
| PADO1354 | Trane | PAD; ISOMODE, 080-210 SHELL | PADO1354 | 1 | \$622.81 | 50\% | \$311.41 |
| PA100015 | Trane | Paint; deluxe belige, (SHIPPING uom 12 OZ haz) SPray | PA100015 | 1 | \$30.88 | 50\% | \$15.44 |
| PA100016 | Trane | PAINT; SHELL WHITE/ CAMEO WHITE, (SHIPPING UOM 12 OZ HAZ) SPRAY | PA100016 | 1 | \$34.46 | 50\% | \$17.23 |
| PA100017 | Trane | PAINT; GRAY GREEN, (SHIPPING UOM $12 \mathrm{OZ} \mathrm{Haz)} \mathrm{SPRAY}$ | PA100017 | 1 | \$34.46 | 50\% | \$17.23 |
| PA100021 | Trane | PAINT; STANDARD GRAY, (SHIPPING UOM 12 OZ HAZ) SPRAY | PA100021 | 1 | \$27.50 | 50\% | \$13.75 |
| PA100059 | Trane | PAINT; FLAT Black, SPRAY (SHIPPING UOM $12 \mathrm{OZ} \mathrm{HaZ)}$ | PA100059 | 1 | \$99.10 | 50\% | \$49.55 |
| PA100061 | Trane | PAINT; EXECUTVE BEIGE, SPRAY (SHIPPING UOM 12 Oz haz) | PA100061 | 1 | \$22.72 | 50\% | \$11.36 |
| PA100062 | Trane | PAINT;EXECUTIVE BEIGE, (SHIPPING Uom 1 GAL haz) | PA100062 | 1 | \$469.70 | 50\% | \$234.85 |
| PA100074 | Trane | PAINT; SPRAY, SLATE GREY, FULL Gloss(88) (SHIPPING UOM 12 OZ HAZ) | PA100074 | 1 | \$23.92 | 50\% | \$11.96 |
| PA100077 | Trane | Paint; slate grey (Shipping uom 1 GAL HAZ) | PA100077 | 1 | \$268.43 | 50\% | \$134.22 |
| PA100086 | Trane | PAINT; SPRAY, SLATE GREY, MID Gloss(60) (SHIPPING Uom 12 OZ HAZ) | PA100086 | 1 | \$30.46 | 50\% | \$15.23 |
| PA100098 | Trane | PAINT; ROSE MAUVE, SPRAY (SHIPPING UOM 12 OZ HAZ) | PA100098 | 1 | \$68.52 | 50\% | \$34.26 |
| PA100099 | Trane | PAIIT; DRIITWOOD GRAY, SPRAY (SHIPPING UOM 12 OZ HAZ) | PA100099 | 1 | \$56.38 | 50\% | \$28.19 |
| PA100000 | Trane | PAINT; SOFT dove, SPRAY, HIGH Gloss (SHIPPING UOM 12 OZ HAZ) | PA100100 | 1 | \$31.38 | 50\% | \$15.69 |
| PA1000101 | Trane | PAINT; STONE GREY, SPRAY (SHIPPING UOM 12 OZ HAZ) | PA100101 | 1 | \$42.42 | 50\% | \$21.21 |
| PA100221 | Trane | PAINT; HEAT RESISTANT, EXECUTIVE BEIGE, (SHIPIING UOM 12 OZ) Aeroso | PA100221 | 1 | \$43.22 | 50\% | \$21.61 |
| PA100222 | Trane | PAINT; SLATE GRAY, (SHIPPING UOM 12 OZ HAZ) SPRAY | PA100222 | 1 | \$35.16 | 50\% | \$17.58 |
| PA100225 | Trane | PAINT; SOFT dove 1 GAlLON, AIR DRY | PA100225 | 1 | \$1,678.98 | 50\% | \$839.49 |
| PA100236 | Trane | PaInt; blackbaked enamel (Db-4), 12 Oz. Aerosol, touchup | PA100236 | 1 | \$99.08 | 50\% | \$49.54 |
| PA100252 | Trane | PAINT; 12 Oz. CAn trane rt gray | PA100252 | 1 | \$87.54 | 50\% | \$43.77 |
| PA100269 | Trane | PAINT; BLACK Valve action paint marker | PA100269 | 1 | \$5.98 | 50\% | \$2.99 |
| PA100270 | Trane | paint; white valve action paint marker | PA100270 | 1 | \$5.98 | 50\% | \$2.99 |
| PA100271 | Trane | paint; red valve action paint marker | PA100271 | 1 | \$5.98 | 50\% | \$2.99 |
| PA100272 | Trane | paint; Yellow valve action paint marker | PA100272 | 1 | \$5.98 | 50\% | \$2.99 |
| PA100282 | Trane | PAINT; SOFT DOVE II, LOW Gloss, (SHIPPING Uom 12 Oz Haz) AEROSoL, FC | PA100282 | 1 | \$99.10 | 50\% | \$49.55 |
| PA100297 | Trane | PAINT; EXECUTIVE BEIGE, (SHIPPING UOM 12 OZ HAZ) Aerosol | PA100297 | 1 | \$43.22 | 50\% | \$21.61 |
| PA100302 | Trane | paint;urethane acrylic, water base, 1 gal can, slate gray | PA100302 | 1 | \$553.72 | 50\% | \$276.86 |
| PANo0154 | Trane | PAN;DRAIN | PAN00154 | 1 | \$697.00 | 50\% | \$348.50 |
| PANO0158 | Trane | PAN; AUX DRAIN ASSEmbly | PAN00158 | 1 | \$173.40 | 50\% | \$86.70 |
| PAN00268 | Trane | PAN:AUXILIARY DRAIN ASM. | PAN00268 | 1 | \$33.94 | 50\% | \$16.97 |
| PAN00684 | Trane | PAN; DRAIN, LH, 200 CFM, 01 | PAN00684 | 1 | \$791.02 | 50\% | \$395.51 |
| PAN00688 | Trane | PAN;DRAIN, r.H. | PAN00688 | 1 | \$1,403.34 | 50\% | \$701.67 |
| PAN00919 | Trane | PAN; DRAIN ASSEMBLY | PANo0919 | 1 | \$155.38 | 50\% | \$77.69 |
| Panoog31 | Trane | Pan; DRAIN,ASSEmbly weld | PAN00931 | 1 | \$1,068.60 | 50\% | \$534.30 |
| PANOO948 | Trane | PAN; dRAIN, PLASTIC, 39.16 Length | PAN00948 | 1 | \$150.58 | 50\% | \$75.29 |
| PAN00981 | Trane | PAN; DRAIN ASSEMBLY | PAN00981 | 1 | \$707.82 | 50\% | \$353.91 |
| PAN00982 | Trane | PAN; DRAIN ASSEmbly | PAN00982 | 1 | \$769.09 | 50\% | \$384.55 |
| PAN01071 | Trane | PAN; DRAIN, $20.22 \times 21.64 \times 6.00$ | PAN01071 | 1 | \$136.21 | 50\% | \$68.11 |
| PAN01133 | Trane | PAN; DRAIN | PAN01133 | 1 | \$57.80 | 50\% | \$28.90 |
| PAN01205 | Trane | PAN;DRAIN ASSEMBLY | PANO1205 | 1 | \$2,900.00 | 50\% | \$1,450.00 |
| PANO1206 | Trane | pan; assembly, metal drain | PAN01206 | 1 | \$2,460.00 | 50\% | \$1,230.00 |
| PAN01209 | Trane | PAN; drain, with channels | PAN01209 | 1 | \$2,010.00 | 50\% | \$1,005.00 |
| PAN01231 | Trane | PAN; DRIP, $22.64 \times 19.5$ | PAN01231 | 1 | \$207.88 | 50\% | \$103.94 |
| PaNo1540 | Trane | pan;drain vert | PAN01540 | 1 | \$171.48 | 50\% | \$85.74 |
| PAN01541 | Trane | PAN; DRAIN Plifing vert aux | PAN01541 | 1 | \$11.36 | 50\% | \$5.68 |
| PAN01543 | Trane | pan;drain vert | PAN01543 | 1 | \$187.07 | 50\% | \$93.54 |
| PAN01544 | Trane | PAN;DRAIN VERT | PAN01544 | 1 | \$148.62 | 50\% | \$74.31 |
| PAN01545 | Trane | PAN;DRAIN VERT FCO60 | pAN01545 | 1 | \$222.08 | 50\% | \$111.04 |
| PAN01546 | Trane | PAN;DRAIN VERT FC080 | PAN01546 | 1 | \$203.46 | 50\% | \$101.73 |
| PAN01551 | Trane | PAN; DRAIN, Horiz aux | PAN01551 | 1 | \$22.48 | 50\% | \$11.24 |
| PAN01552 | Trane | PAN; DRAIN, CoIL, Horizontal only | PAN01552 | 1 | \$193.22 | 50\% | \$96.61 |
| PAN01553 | Trane | PAN; DRAIN, CoIL, Horizontal only | PAN01553 | 1 | \$197.80 | 50\% | \$98.90 |
| PAN01554 | Trane | PAN; DRAIN, CoIL Horizontal only, 33.5 LONG X 9 WIDE | PAN01554 | 1 | \$264.79 | 50\% | \$132.40 |
| PAN01555 | Trane | PAN; DRAIN, COIL, HORIZONTAL ONLY | PANO1555 | 1 | \$214.64 | 50\% | \$107.32 |
| PAN01557 | Trane | PAN; DRAIN, CoIL horizontal only | PAN01557 | 1 | \$259.28 | 50\% | \$129.64 |
| PAN01607 | Trane | PAN; DRAIN | PAN01607 | 1 | \$698.09 | 50\% | \$349.05 |
| PAN01609 | Trane | PAN; DRAIN | PAN01609 | 1 | \$1,440.58 | 50\% | \$720.29 |
| PAN01611 | Trane | PAN; DRAIN | PAN01611 | 1 | \$2,499.84 | 50\% | \$1,249.92 |
| PAN01613 | Trane | PAN; DRAIN | PAN01613 | 1 | \$710.26 | 50\% | \$355.13 |
| PAN01617 | Trane | pan;Fan board | PAN01617 | 1 | \$2,722.56 | 50\% | \$1,361.28 |
| PAN01619 | Trane | PAN;DRAIN, L.T., W/INSULATION | PAN01619 | 1 | \$2,386.28 | 50\% | \$1,193.14 |
| PAN01713 | Trane | PAN; DRAIN | PAN01713 | 1 | \$610.72 | 50\% | \$305.36 |
| PAN01754 | Trane | PAN; DRAIN, SIZE 036 \& 054 | PAN01754 | 1 | \$537.31 | 50\% | \$268.66 |
| PAN01965 | Trane | PAN, DRAIN, SLOPED | PAN01965 | 1 | \$123.86 | 50\% | \$61.93 |
| PAN01968 | Trane | PAN DRAIN ASSEMBLY 750 CFM, Metal | PAN01968 | 1 | \$397.21 | 50\% | \$198.61 |
| PAN01969 | Trane | PAN DRAIN ASSEMBLY 1000 CFM, Metal | PAN01969 | 1 | \$506.13 | 50\% | \$253.07 |
| PANO1970 | Trane | PAN DRAIN ASSEMBLY 1200 CFM, METAL | PAN01970 | 1 | \$527.44 | 50\% | \$263.72 |
| PAN01971 | Trane | PAN DRAIN ASSEMBLY 1500 CFM, METAL | PAN01971 | 1 | \$518.16 | 50\% | \$259.08 |
| PaNo1972 | Trane | pan drain assembly 2000 CFm, metal | PAN01972 | 1 | \$1,189.52 | 50\% | \$594.76 |
| PAN01973 | Trane | PAN; DRAIN | PAN01973 | 1 | \$790.38 | 50\% | \$395.19 |
| PAN01977 | Trane | PAN; DRAIN, PLASTIC | PAN01977 | 1 | \$91.63 | 50\% | \$45.82 |
| PANO1980 | Trane | PAN; DRAIN, PLASTIC, 93.56 Length | PAN01980 | 1 | \$178.58 | 50\% | \$89.29 |
| PAN01982 | Trane | PAN; DRAIN, PLASTIC, 88.46 Length | PAN01982 | 1 | \$132.10 | 50\% | \$66.05 |
| PANO1999 | Trane | PAN; DRAIN, PLASTIC, 38.96 Length | PAN01999 | 1 | \$124.56 | 50\% | \$62.28 |
| PANO2000 | Trane | PAN; DRAIN, PLASTIC, 64.46 LENGTH | PANO2000 | 1 | \$149.20 | 50\% | \$74.60 |
| PANO2001 | Trane | PAN; DRAIN, PLASTIC, 80.56 Length | PANO2001 | 1 | \$176.70 | 50\% | \$88.35 |
| PANO2031 | Trane | PAN; DRAIN, DRIP, $6.51 \times 28.25 \times 1.14$ | PAN02031 | 1 | \$121.20 | 50\% | \$60.60 |
| PANO2051 | Trane | PAN; DRAIN | PAN02051 | 1 | \$195.14 | 50\% | \$97.57 |
| PANO2054 | Trane | PAN; DRAIN, EVAP, $3.20 \times 43.00 \times 1.00$ | PAN02054 | 1 | \$504.18 | 50\% | \$252.09 |
| Panozos9 | Trane | PAN; LOWER DRAIN PAN, $87.5 \times 6.3$ | PAN02059 | 1 | \$256.70 | 50\% | \$128.35 |
| PANo2127 | Trane | PAN; DRAIN | PAN02127 | 1 | \$235.94 | 50\% | \$117.97 |
| PAN02152 | Trane | PAN; AND GASKET ASSEMBLY, $23.3 \times 6.0$ | PANO2152 | 1 | \$42.30 | 50\% | \$21.15 |
| Pano2154 | Trane | PAN; DRAIN, $27.15 \times 6.00$ | PAN02154 | 1 | \$51.29 | 50\% | \$25.65 |
| PANO2205 | Trane | PAN; DRAIN, $9.00 \times 19.70 \times 1.25$ | PAN02205 | 1 | \$191.79 | 50\% | \$95.90 |
| PANO2206 | Trane | PAN; DRAIN, $10.00 \times 22.70 \times 2.00$ | PAN02206 | 1 | \$128.08 | 50\% | \$64.04 |
| PANO2207 | Trane | PAN; DRAIN, $10.75 \times 24.70 \times 2.00$ | PAN02207 | 1 | \$170.19 | 50\% | \$85.10 |
| PANO2208 | Trane | PAN; DRAIN, $10.75 \times 32.70 \times 2.00$ | PAN02208 | 1 | \$168.62 | 50\% | \$84.31 |
| PANO2326 | Trane | PAN; A/C SECONDARY DRAIN PAN, 27IN X 48IN | PAN02326 | 1 | \$39.98 | 50\% | \$19.99 |
| PAN02327 | Trane | PAN; A/C SECONDARY drain pan, $2711 \times 481 \mathrm{~N}$ | PANO2327 | 1 | \$45.70 | 50\% | \$22.85 |
| PANO2331 | Trane | PAN; A/C SECONDARY DRAIN PAN, 30 IN X 50 in | PAN02331 | 1 | \$59.68 | 50\% | \$29.84 |
| PANO2335 | Trane | PAN; A/C SECONDARY DRAIN PAN, 321N X 631N | PANO2335 | 1 | \$54.03 | 50\% | \$27.02 |
| PANo2342 | Trane | PAN;ASSY, DRAIN 20, Cl10, Cl18 | PAN02342 | 1 | \$161.86 | 50\% | \$80.93 |
| Pano2446 | Trane | PAN DRAIN, SIIE 0368054 | PAN02446 | 1 | \$480.40 | 50\% | \$240.20 |
| PANO2447 | Trane | PAN DRAIN, SIIE 072 \& 090 | PAN02447 | 1 | \$674.83 | 50\% | \$337.42 |
| PANO2534 | Trane | PAN; DRAIN ASSY, PLASTIC | PAN02534 | 1 | \$227.01 | 50\% | \$113.51 |
| PAN02535 | Trane | PAN; DRAIN ASSY, PLASTIC | PAN02535 | 1 | \$285.22 | 50\% | \$142.61 |

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a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance; and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the afore.

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, howers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
A. General Purpose

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' $\mathbf{l}$ location in the event of a fire or emergency.


The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Itegrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Molled HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pane(1) , and/or other similar device, which utilize certain platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance: and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforemen.

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, howers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
A. General Purpose Iudio-Video

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely us
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory Monded HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel ( platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance: and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintena e of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs howers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber opic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any oner purposes, including, but not imited to
A. General Purpose ${ }^{\text {B. }}$, Telecommio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| PNE01520 |  | Product De |  | $\begin{aligned} & \text { "Warranty Period - \# of year(s) after } \\ & \text { acceptance as required by Appendix B, } \end{aligned}$ |  | \% Discount | Nvs Nel Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |
|  | Trane | PANEL; R.H. END, TDR SOFT Dove | PNE01520 | 1 | \$2,184.90 | 50\% | \$1,092.45 |
| PNE02046 | Trane | PANELTOP P | PNE02046 | 1 | \$162.74 | 50\% | \$81.37 |
| PNE03265 | Trane | PANELTPP, FF1 1 NSUL P | PNE03265 | 1 | \$363.52 | 50\% | \$181.76 |
| Pne03649 | Trane | PANEL; SUPPort Corner condenser preal | PNE03649 | 1 | \$191.94 | 50\% | \$95.97 |
| PNE03693 | Trane | PANEL TOP FILLER FOR UNITS WITH EXTENDED ENDPOCKETS SOft dove lef p | PNE03693 | 1 | \$196.82 | 50\% | \$98.41 |
| PNE06152 | Trane | PANEL, ReAr SIIE, BeLt drive, $12 \times 9$ fan, includes aty. 3 brkoot43 P | PNE06152 | 1 | \$769.66 | 50\% | \$384.83 |
| PNE06153 | Trane | PANEL, FRONT SIDE, BELT DRIVE, $12 \times 9$ FAN, INCLUDES QTY. 3 BRK00743 P | PNE06153 | 1 | \$751.66 | 50\% | \$375.83 |
| PNE06670 | Trane | PANEL Horizontal bottom W/RETURN LOUVER 300CFM DRIFTwOod gr p | PNE06670 | 1 | \$316.99 | 50\% | \$158.50 |
| PNE06673 | Trane | PANEL HORIZONTAL BOTTOM W/RETURN \& DISCHARGE LOUVERS 300 CFM I P | PNE06673 | 1 | \$599.49 | 50\% | \$299.75 |
| PNE06895 | Trane | PANELHORIZONTAL WITH,BOTTOM RETURN Louvers 400CFM, SOFt dove p | PNE06895 | 1 | \$372.97 | 50\% | \$186.49 |
| PNE06905 | Trane | panel horizontal with bottom return louvers soocfm deluxe beli p | PNE06905 | 1 | \$532.78 | 50\% | \$266.39 |
| PNE06908 | Trane | PANEL HORIZONTAL WITH Bottom return louvers 800cFm drifwooc $p$ | PNE06908 | 1 | \$588.70 | 50\% | \$294.35 |
| PNE06927 | Trane | PANEL; HORIZONTAL BOTTOM W/RETURN \& DISCHARGE LOUVERS 300 CFM P P | PNE06927 | 1 | \$380.78 | 50\% | \$190.39 |
| PNE06928 | Trane | PANEL; HORIZONTAL BOTTOM W/RETURN \& DISCHARGE LOUVERS 300 CFM P | PNEO6928 | 1 | \$385.03 | 50\% | \$192.52 |
| PNE06930 | Trane | PANEL HORIZONTAL BOTTOM W/RETURN \& DISCHARGE LOUVERS 300 CFM : P | PNE06930 | 1 | \$537.14 | 50\% | \$268.57 |
| PNE06933 | Trane | PANEL; HORIZONTAL BOTTOM W/RETURN \& DISCHARGE LOUVERS 400 CFM P | PNE06933 | 1 | \$404.49 | 50\% | \$202.25 |
| PNE06935 | Trane | PANEL; HORIZONTAL BOTTOM W/RETURN \& DISCHARGE LOUVERS 400 CFM P | PNE06935 | 1 | \$367.54 | 50\% | \$183.77 |
| PNE06936 | Trane | PANEL HORIZONTAL BOTTOM W/RETURN \& DISCHARGE LOUVERS 400 CFM : P | PNE06936 | 1 | \$507.72 | 50\% | \$253.86 |
| PNE06938 | Trane | PANEL HORIZONTAL BOTTOM W/RETURN \& DISCHARGE LOUVERS 600 CFM I $P$ | PNE06938 | 1 | \$400.30 | 50\% | \$200.15 |
| PNE06941 | Trane | PANEL; HORIZONTAL BOTTOM W/RETURN \& DISCHARGE LOUVERS 600 CFM P | PNE06941 | 1 | \$448.22 | 50\% | \$224.11 |
| PNE06944 | Trane | PANEL HORIZONTAL BOTTOM W/RETURN \& DISCHARGE LOUVERS 800 CFM IP | PNE06944 | 1 | \$562.46 | 50\% | \$281.23 |
| PNE06959 | Trane | PANEL Horizontal bottom W/RETURN \& discharge louvers 1200 CFN P | PNE06959 | 1 | \$723.68 | 50\% | \$361.84 |
| PNE06981 | Trane | PANEL Horizontal bottom with return louvers, 300 CFM Left hand p | PNE06981 | 1 | \$530.23 | 50\% | \$265.12 |
| PNE07122 | Trane | PANEL HORIZONTAL BOTTOM W/DISCHARGE \& Return Louvers extendei p | PNEO7122 | 1 | \$538.66 | 50\% | \$269.33 |
| PNE07140 | Trane | Panel horizontal with back return, LOUVERED 300CFm, SOFT dove p | PNE07140 | 1 | \$353.42 | 50\% | \$176.71 |
| PNE07368 | Trane | PANEL; VERTICAL FRONT W/DISCHGE \& RET LOUVERS, 3OOCFM R.H Hoft do p | PNE07368 | 1 | \$472.70 | 50\% | \$236.35 |
| PNE07371 | Trane | PANEL VERTCAL FRONT W/DISCHGE \& RET LOUVERS, 300CFM R.H STONE GI P | PNE07371 | 1 | \$599.46 | 50\% | \$299.73 |
| PNE07374 | Trane | PANEL; VERTICAL FRONT W/DISCHGE \& RET LOUVERS, 300CFM L.H Soft do p | PNE07374 | 1 | \$463.08 | 50\% | \$231.54 |
| Pneo7380 | Trane | PANEL VERTICAL FRONT W/DISCHGE \& RET LOUVERS, 300CFM R.H SOFT DO P | PNE07380 | 1 | \$516.43 | 50\% | \$258.22 |
| PNE07393 | Trane | PANEL VERTICAL FRONT W/DISCHGE \& Ret louvers, 400CFM R.H CAMEO V P | PNe07393 | 1 | \$543.70 | 50\% | \$271.85 |
| PNE07394 | Trane | PANEL VERTICAL FRONT W/DISCHGE \& RET LOUVERS, 400CFM R.H DRIFTWC P | PNE07394 | 1 | \$622.38 | 50\% | \$311.19 |
| PNE07405 | Trane | PANEL; VERTICAL FRONT W/DISCHGE \& REt Louvers, 400CFM R.H CAMEO P | PNE07405 | 1 | \$469.20 | 50\% | \$234.60 |
| PNE07409 | Trane | PANEL; VERTICAL FRONT W/DISCHGE \& Ret Louvers, 400CFM L.h deluxe f | PNE07409 | 1 | \$471.30 | 50\% | \$235.65 |
| PNE07415 | Trane | PANEL VERTCAL FRONT W/DISCHGE \& RET LOUVERS, 600CFM R.H DELUXE EP | PNE07415 | 1 | \$575.98 | 50\% | \$287.99 |
| PNE07418 | Trane | PANEL; VERTICAL FRONT W/DISCHGE \& RET LOUVERS, 600CFM R.H DRIFTWC P | PNE07418 | 1 | \$569.50 | 50\% | \$284.75 |
| PNE07421 | Trane | PANEL; VERTICAL FRONT W/DISCHGE \& Ret Louvers, 600CFM L.h deluxe i P | PNE07421 | 1 | \$610.20 | 50\% | \$305.10 |
| PNE07488 | Trane | PANEL VERTICAL FRONT W/DISCHGE \& RET LOUVERS, 1200CFM RH SOFT do p | PNEO7488 | 1 | \$697.18 | 50\% | \$348.59 |
| PNE07490 | Trane | PANEL VERTICAL FRONT W/DISCHGE \& RET LOUVERS, 1200CFM RH DRIFTWC P | PNE07490 | 1 | \$654.89 | 50\% | \$327.45 |
| PNE07494 | Trane | PANEL VERTICAL FRONT W/DISCHGE \& RET LOUVERS, 1200CFM LL SOFT DO P | PNE07494 | 1 | \$715.68 | 50\% | \$357.84 |
| PNE07528 | Trane | PANEL FRESH AIR WITHOUT KNOCKOUT, 300CFM P | PNE07528 | 1 | \$146.34 | 50\% | \$73.17 |
| PNE07605 | Trane | PANEL BACK DUCT COLLAR 800 CFm, DRIITWOOD GREY P | PNE07605 | 1 | \$211.36 | 50\% | \$105.68 |
| PNE07976 | Trane | PANEL LOUVERED 4 IN PROJECTION, RIGHT HAND, 300 CFM SOFT DOVE, WIT P | PNE07976 | 1 | \$793.04 | 50\% | \$396.52 |
| PNE08072 | Trane | PANEL; LOUVERED GIN PROJECTION, RIGHT HAND, 300 CFM SOFT DOVE W/A P | PNE08072 | 1 | \$711.02 | 50\% | \$355.51 |
| PNE08313 | Trane | Panel Louvered 2" Projection right hand, 600 CFM Soft dove w/Acc P | PNE08313 | 1 | \$724.78 | 50\% | \$362.39 |
| PNE08361 | Trane | PANEL; LOUVERED 3" PROJECTION RIGHT HAND, 600 CFM SOFT dove W/AC P | PNE08361 | 1 | \$324.94 | 50\% | \$162.47 |
| PNE08483 | Trane | Panel Louvered 5.5" Projection right hand, 600 CFM Soft dove w/A P | PNE08483 | 1 | \$534.64 | 50\% | \$267.32 |
| PNE08632 | Trane | panel louvered 4" Projection right hand, 800 CFM rose mauve w/Ap | PNE08632 | 1 | \$726.64 | 50\% | \$363.32 |
| PNE09409 | Trane | Panel; rear df assembly pil | PNE09409 | 1 | \$712.54 | 50\% | \$356.27 |
| PNE09581 | Trane | PANEL; ACCESS, 35.86 X 22.16 | PNE09581 | 1 | \$1,398.86 | 50\% | \$699.43 |
| PNE09646 | Trane | PANEL FRONT, FCO60, VERTICAL SLOPE TOP, SOFT dove | PNE09646 | 1 | \$401.04 | 50\% | \$200.52 |
| PNE09778 | Trane | PANEL, FRONT CABINET F*BBO20 \& 030, SOFT dove P | PNE09778 | 1 | \$584.28 | 50\% | \$292.14 |
| PNE09784 | Trane | PANEL, FRONT CABINET F*BBo40 Soft dove P | PNE09784 | 1 | \$374.48 | 50\% | \$187.24 |
| PNE09850 | Trane | PANEL, FRONT DISCHARGE F*BBO60 SOFt dove P | PNE09850 | 1 | \$291.48 | 50\% | \$145.74 |
| PNLO3754 | Trane | PANEL; PARTITİN P | PNL03754 | 1 | \$5,385.60 | 50\% | \$2,692.80 |
| PNLO9021 | Trane | PANEL; LOUVERED, 5 Louvered rows P | PNL09021 | 1 | \$636.71 | 50\% | \$318.36 |
| PNL09028 | Trane | PANEL;LOUVERED P | PNL09028 | 1 | \$1,003.09 | 50\% | \$501.55 |
| PNL09922 | Trane | PANEL;LEFT SIDE, $62.1 \times 12.2$ P | PNL09922 | 1 | \$474.36 | 50\% | \$237.18 |
| PNL10207 | Trane | PANEL; RH TOP, $25.408 \times 27.408 \times 16 \mathrm{GA}$. P | PNL10207 | 1 | \$285.13 | 50\% | \$142.57 |
| PNL10616 | Trane | Panel; Wallsleeve lh side, Soft dove P | PNL10616 | 1 | \$219.77 | 50\% | \$109.89 |
| PNL10619 | Trane | Panel; Wallsleeve rh side, Soft dove pale | PNL10619 | 1 | \$181.56 | 50\% | \$90.78 |
| PNL10622 | Trane | Panel; Wallsleve top, Soft dove palile | PNL10622 | 1 | \$191.64 | 50\% | \$95.82 |
| PNL10628 | Trane | PANEL; FRONT CABINET, SOFT dove Prin | PNL10628 | 1 | \$580.32 | 50\% | \$290.16 |
| PNL10631 | Trane | PANEL; WALLSLEEVE TOP, SOFT dove P | PNL10631 | 1 | \$195.20 | 50\% | \$97.60 |
| PNL10907 | Trane | PANEL; SUBBASE, $11.25 \times 42.25$ | PNL10907 | 1 | \$336.14 | 50\% | \$168.07 |
| PNL10913 | Trane | PANEL; SUBBASE, LOW PROFILE, $15.35 \times 44.93 \times 18 \mathrm{GA}$. P | PNL10913 | 1 | \$228.48 | 50\% | \$114.24 |
| PNL11207 | Trane | PANEL; DOUBLL WALL APPLICATION, $15.68 \times 58.40$, OUTER P | PNL11207 | 1 | \$186.28 | 50\% | \$93.14 |
| PNL11811 | Trane | PANEL; COVER, DUCT, RETURN, $24.90 \times 14.90$ P | PNL11811 | 1 | \$693.61 | 50\% | \$346.81 |
| PNL11812 | Trane | PANEL; COVER, DUCT, SUPPLY, $18.90 \times 16.40$ P | PNL11812 | 1 | \$687.08 | 50\% | \$343.54 |
| PNL11815 | Trane | PANEL; ACCESS, COMPRESSOR, 32.60 21.83 | PNL11815 | 1 | \$752.77 | 50\% | \$376.39 |
| PNL11818 | Trane | PANEL; ACCESS, COMPRESSOR, TBUE, $28.60 \times 21.83$ | PNL11818 | 1 | \$405.66 | 50\% | \$202.83 |
| PNL11830 | Trane | PANEL; ACCESS, BLOWER, 17.64 $\times 15.77$ | PNL11830 | 1 | \$905.56 | 50\% | \$452.78 |
| PNL11831 | Trane | PANEL; ACCESS, ECONOMIZER, $31.31 \times 28.60$ | PNL11831 | 1 | \$768.74 | 50\% | \$384.37 |
| PNL11848 | Trane | PANEL; CORNER POST, LEFT FRONT, $32.64 \times 9.03$ P | PNL11848 | 1 | \$671.01 | 50\% | \$335.51 |
| PNL12348 | Trane | PANEL; DOUBLL WALL APPLICATIONS, $36.88 \times 13.38$, OUTER P | PNL12348 | 1 | \$143.44 | 50\% | \$71.72 |
| PNL12474 | Trane | PANEL; DOUBLL WALL APPLICATIONS, $73.88 \times 25.66$, OUTER P | PNL12474 | 1 | \$208.54 | 50\% | \$104.27 |
| PNL12956 | Trane | Panel Sub-panel polymetal 11.33" H X 11.4" W X .13" THICK P | PNL12956 | 1 | \$18.59 | 50\% | \$9.30 |
| PNL13336 | Trane | PANEL; ACCESS, GAS HEAT, $17.32 \times 15.79$ | PNL13336 | 1 | \$771.31 | 50\% | \$385.66 |
| PNL13337 | Trane | PANEL; ACCESS, BLOCKOFF, BLOWER, $21.97 \times 17.32$ | PNL13337 | 1 | \$274.36 | 50\% | \$137.18 |
| PNL13344 | Trane | PANEL; FILTER ACCESS, $37.25 \times 21.67$ | PNL13344 | 1 | \$594.05 | 50\% | \$297.03 |
| PNL13345 | Trane | PANEL; ACCESS, COMPRESSOR, $37.25 \times 34.98$ P | PNL13345 | 1 | \$562.42 | 50\% | \$281.21 |
| PNL13346 | Trane | PANELACCESS, COMPRESSOR, $37.25 \times 34.98$ P | PNL13346 | 1 | \$498.33 | 50\% | \$249.17 |
| PNL13347 | Trane | PANEL; ECONOMIZE, $40.31 \times 37.25$ P | PNL13347 | 1 | \$666.35 | 50\% | \$333.18 |
| PNL13350 | Trane | PANEL; CORNER POST, LEET FRONT, $37.25 \times 9.0$ | PNL13350 | 1 | \$519.87 | 50\% | \$259.94 |
| PNL13357 | Trane | PANEL; CORNER POST, RIGHT FRONT, TBUE W/O DISC, $37.25 \times 5.66$ | PNL13357 | 1 | \$261.15 | 50\% | \$130.58 |
| PNL13364 | Trane | PANEL; ACCESS, COMPRESSOR, $43.25 \times 34.98$ P | PNL13364 | 1 | \$612.10 | 50\% | \$306.05 |
| PNL13365 | Trane | PANEL ACCESS, COMPRESSOR, $43.25 \times 34.98$ P | PNL13365 | 1 | \$574.23 | 50\% | \$287.12 |
| PNL13367 | Trane | PANEL; ACCESS, HEAT/GAS, $18.54 \times 17.32$. INCLUDES SHIELD AND HANDLE. P | PNL13367 | 1 | \$445.03 | 50\% | \$222.52 |
| PNL13368 | Trane | PANEL; ACCESS, BLOWER, $25.19 \times 17.32$ P | PNL13368 | 1 | \$451.98 | 50\% | \$225.99 |
| PNL13369 | Trane | PANEL; ECONOMIZE, $43.25 \times 40.31$ P | PNL13369 | 1 | \$696.26 | 50\% | \$348.13 |
| PNL13373 | Trane | PANEL; CORNER POST, RIGHT FRONT, $43.29 \times 9.73$ P | PNL13373 | 1 | \$240.58 | 50\% | \$120.29 |
| PNL13376 | Trane | PANEL; CORNER POST, RIGHT REAR, 43.29 X 4.15 P | PNL13376 | 1 | \$493.50 | 50\% | \$246.75 |
| PNL13377 | Trane | PANEL; FILTER ACCESS, HINGED, $43.25 \times 21.65$. InCludes handle. The hin P | PNL13377 | 1 | \$470.74 | 50\% | \$235.37 |
| PNL13382 | Trane | PANEL; CORNER POST, LEFT FRONT, HNG, $43.29 \times 9.0$ | PNL13382 | 1 | \$252.96 | 50\% | \$126.48 |
| PNL13389 | Trane | PANEL; BLOCKOFF, CORNER, RIGHT FRONT, TBUE, $43.29 \times 3.97$ P | PNL13389 | 1 | \$201.90 | 50\% | \$100.95 |
| PNL13390 | Trane | PANEL; HORIZONTAL RETURN DUCT OR DOWNFLOW SUPPLY DUCT, 33.90 X P | PNL13390 | 1 | \$514.17 | 50\% | \$257.09 |
| PNL13391 | Trane | PANEL; HORIZONTAL SUPPLY DUCT OR DOWNFLOW RETURN DUCT, 34.69 X : P | PNL13391 | 1 | \$482.78 | 50\% | \$241.39 |
| PNL14331 | Trane | PANEL; DOUBLL WALL APPLICATIONS, $92.880 \times 12.880$, OUTER P | PNL14331 | 1 | \$176.78 | 50\% | \$88.39 |
| PNL14343 | Trane | PANEL; DOUBLE WALL APPLICATIONS, $46.130 \times 44.880$, OUTER P | PNL14343 | 1 | \$216.30 | 50\% | \$108.15 |
| PNL14346 | Trane | PANEL; DOUBLE WALL APPLICATIONS, $60.630 \times 30.005$, OUTER P | PNL14346 | 1 | \$228.13 | 50\% | \$114.07 |
| PNL14471 | Trane | PANEL; DOUBLE WALL APPLICATIONS, $58.13 \times 16.880$, OUTER P | PNL14471 | 1 | \$166.24 | 50\% | \$83.12 |
| PNL14475 | Trane | PANEL; DOUBLL WALL APPLICATIONS, $58.130 \times 44.880$, OUTER P | PNL14475 | 1 | \$312.53 | 50\% | \$156.27 |
| PNL14529 | Trane | PANEL; DOUBLL WALL APPLICATIONS, $83.380 \times 47.380$, OUTER P | PNL14529 | 1 | \$441.25 | 50\% | \$220.63 |
| PNL14530 | Trane | PANEL; DOUBLL WALL APPLICATIONS, $83.380 \times 11.630$, OUTER P | PNL14530 | 1 | \$174.80 | 50\% | \$87.40 |
| PNL14531 | Trane | PANEL; Double wall applications, $83.380 \times 56.630$, outer P | PNL14531 | 1 | \$523.20 | 50\% | \$261.60 |
| PNL14535 | Trane | PANEL; DOUBLE WALL APPLICATIONS, $83.380 \times 26.380$, OUTER P | PNL14535 | 1 | \$240.14 | 50\% | \$120.07 |

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. Itegrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory Morled HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pane( 1 , and/or other similiar device, which iize certa, platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
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|  |  | uct Desaripition |  | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, | Lst Pictee | \% Dis | NYS Ne |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| PNL25890 | Trane | PANEL TOP FRONT NOSE, SOFT dove | PNL25890 | 1 | \$123.83 | 50\% | \$61.92 |
| PNL25892 | Trane | PANEL TOP FRONT NOSE, CAMEO White | PNL25892 | 1 | \$148.42 | 50\% | \$74.21 |
| PNL25902 | Trane | PANEL FALSEBACK TOP, CAMEO White | PNL25902 | 1 | \$397.71 | 50\% | \$198.86 |
| PNL25905 | Trane | Panel falseback, SOFt dove | PNL25905 | 1 | \$149.72 | 50\% | \$74.86 |
| PNL26258 | Trane | PANEL; ACCESS O.d, C CABINET | PNL26258 | 1 | \$1,177.10 | 50\% | \$588.55 |
| PNL26381 | Trane | PANEL; FRONT FIOPS BOX, $28.86 \times 4.61$ | PNL26381 | 1 | \$1,190.46 | 50\% | \$595.23 |
| PNL26489 | Trane | panel; rear assembly | PNL26489 | 1 | \$1,657.03 | 50\% | \$828.52 |
| PNL26666 | Trane | panel; painted dilp, 24" $\times$ 38" | PNL26666 | 1 | \$1,524.58 | 50\% | \$762.29 |
| PNL26691 | Trane | PANEL; ECONOMIZER ACCESS, $47.25 \times 40.31$ | PNL26691 | 1 | \$622.87 | 50\% | \$311.44 |
| PNL26692 | Trane | PANEL Connecting post, ECONOMIZER, 47.29 10.95 | PNL26692 | 1 | \$399.91 | 50\% | \$199.96 |
| PNL26720 | Trane | PANEL; ACCESS-PaINTED, $19.8 \times 19.8$, INCLUDES Foil face insulation | PNL26720 | 1 | \$124.26 | 50\% | \$62.13 |
| PNL26731 | Trane | panel inlet w/foil face insulation | PNL26731 | 1 | \$171.50 | 50\% | \$85.75 |
| PNL26732 | Trane | panel flter access, w/Foil face insulation | PNL26732 | 1 | \$161.04 | 50\% | \$80.52 |
| PNL26772 | Trane | Panel; Plastic louvered panel, Lower side | PNL26772 | 1 | \$176.31 | 50\% | \$88.16 |
| PNL26802 | Trane | PANEL; TOP | PNL26802 | 1 | \$694.82 | 50\% | \$347.41 |
| PNL26899 | Trane | PANEL; DOOR | PNL26899 | 1 | \$411.79 | 50\% | \$205.90 |
| PNL26921 | Trane | PANEL; ACCESS I.D. SECTION, $29.372 \times 53.963$ | PNL26921 | 1 | \$967.48 | 50\% | \$483.74 |
| PNL26972 | Trane | PANEL; CONDENSER SECTION, LOUVERED, RT $20-75$ TON | PNL26972 | 1 | \$1,006.65 | 50\% | \$503.33 |
| PNL26992 | Trane | panel; Fan access door, c cabinet | PNL26992 | 1 | \$1,070.24 | 50\% | \$535.12 |
| PNL27123 | Trane | PANEL; ACCESS-PAINTED, $41.3 \times 35.8$, INCLUDES FoIL FACE Insulation | PNL27123 | 1 | \$292.58 | 50\% | \$146.29 |
| PNL27621 | Trane | PANEL; ASSY., W/FOAM INSULATION, ROOF | PNL27621 | 1 | \$1,061.12 | 50\% | \$530.56 |
| PNL27622 | Trane | PANEL; ASSY., W/FOAM INSULATION, ROOF | PNL27622 | 1 | \$494.85 | 50\% | \$247.43 |
| PNL27623 | Trane | PANEL; ASSY., W/FOAM Insulation, roof | PNL27623 | 1 | \$525.30 | 50\% | \$262.65 |
| PNL28027 | Trane | PANEL; $47.846 \times 68.000$, TSCB OUTER ROOF | PNL28027 | 1 | \$530.57 | 50\% | \$265.29 |
| PNL28147 | Trane | PANEL; ASSY., W/FOAM Insulation, wall | PNL28147 | 1 | \$556.83 | 50\% | \$278.42 |
| PNL28148 | Trane | PANEL; ASSY, W/FOAM InSULATİN, WALL | PNL28148 | 1 | \$141.00 | 50\% | \$70.50 |
| PNL28218 | Trane | panel back side w/o pp | PNL28218 | 1 | \$204.00 | 50\% | \$102.00 |
| PNL28494 | Trane | PANEL; ASSY., W/FOAM InSULATION, SIDE | PNL28494 | 1 | \$233.20 | 50\% | \$116.60 |
| PNL28495 | Trane | PANEL; ASSY, W/FOAM INSULATION, ROOF | PNL28495 | 1 | \$562.14 | 50\% | \$281.07 |
| PNL28496 | Trane | PANEL; ASSY., W/FOAM INSULATION, ROOF | PNL28496 | 1 | \$621.44 | 50\% | \$310.72 |
| PNL28497 | Trane | PANEL; ASSY., W/FOAM Insulation, roof | PNL28497 | 1 | \$602.59 | 50\% | \$301.30 |
| PNL28498 | Trane | PANEL; ASSY., W/FOAM Insulation, roof | PNL28498 | 1 | \$545.96 | 50\% | \$272.98 |
| PNL29150 | Trane | PANEL; ASSY., W/FOAM INSULATION, ROOF | PNL29150 | 1 | \$396.40 | 50\% | \$198.20 |
| PNL29151 | Trane | PANEL; ASSY., W/FOAM InSULATİN, ROOF | PNL29151 | 1 | \$404.71 | 50\% | \$202.36 |
| PNL29152 | Trane | PANEL; ASSY., W/FOAM Insulation, roof | PNL29152 | 1 | \$387.02 | 50\% | \$193.51 |
| PNL29153 | Trane | PANEL; ASSY., W/FOAM INSULATION, ROOF | PNL29153 | 1 | \$375.59 | 50\% | \$187.80 |
| PNL29154 | Trane | PANEL; ASSY., W/FOAM Insulation, roof | PNL29154 | 1 | \$416.16 | 50\% | \$208.08 |
| PNL29155 | Trane | PANEL; ASSY., W/FOAM Insulation, roof | PNL29155 | 1 | \$422.40 | 50\% | \$211.20 |
| PNL29239 | Trane | PANEL fRT RECESS FF 400 E | PNL29239 | 1 | \$180.30 | 50\% | \$90.15 |
| PNL29262 | Trane | PANEL; ASSY., W/FOAM INSULATION, ROOF | PNL29262 | 1 | \$455.94 | 50\% | \$227.97 |
| PNL29493 | Trane | PANEL; ASSY., W/Foam insulation, roof | PNL29493 | 1 | \$490.39 | 50\% | \$245.20 |
| PNL29494 | Trane | PANEL; ASSY., W/FOAM INSULATION, ROOF | PNL29494 | 1 | \$388.62 | 50\% | \$194.31 |
| PNL29495 | Trane | PANEL; ASSY., W/FOAM INSULATION, ROOF | PNL29495 | 1 | \$431.93 | 50\% | \$215.97 |
| PNL29770 | Trane | PANEL; ASSY., W/Foam insulation, SIDE | PNL29770 | 1 | \$354.02 | 50\% | \$177.01 |
| PNL29862 | Trane | paneli assembly, deluxe belge, g2008 | PNL29862 | 1 | \$6,120.00 | 50\% | \$3,060.00 |
| PNN01048 | Trane | PANEL; OUTDOOR, SECTION ACCESS | PNN01048 | 1 | \$664.57 | 50\% | \$332.29 |
| PNN01115 | Trane | PANEL; EVAPORATOR, ACCESS, ASSEMBLY | PNN01115 | 1 | \$970.56 | 50\% | \$485.28 |
| PNN01148 | Trane | PANEL; INDOOR, SECTION ACCESS | PNN01148 | 1 | \$1,530.54 | 50\% | \$765.27 |
| PNN01154 | Trane | PANEL; REAR, ASSEMBLY | PNN01154 | 1 | \$1,018.57 | 50\% | \$509.29 |
| PNN01579 | Trane | PANEL; COMPRESSOR, END | PNN01579 | 1 | \$634.82 | 50\% | \$317.41 |
| PNN01638 | Trane | PANEL; TOP, REPAIR KIT | PNN01638 | 1 | \$640.44 | 50\% | \$320.22 |
| PNN01639 | Trane | PANEL; TPP, REPAIR KIT | PNN01639 | 1 | \$627.74 | 50\% | \$313.87 |
| PNN02147 | Trane | paneliend | PNNO2147 | 1 | \$673.13 | 50\% | \$336.57 |
| PNN03506 | Trane | PANEL; CORNER SUPPORT, $36.41 \times 2.50 \times 2.50$ | PNN03506 | 1 | \$1,009.26 | 50\% | \$504.63 |
| PNN03988 | Trane | PANEL;FLLER | PNN03988 | 1 | \$440.70 | 50\% | \$220.35 |
| PNN05738 | Trane | PANEL;EXHAUST ASSEMBLY (WIRE SCREEN ONLY USE GRDO1226) | PNN05738 | 1 | \$358.07 | 50\% | \$179.04 |
| PNN06026 | Trane | PANEL; BACK, \#400 | PNN06026 | 1 | \$163.32 | 50\% | \$81.66 |
| PNN06510 | Trane | PANEL; BOTTOM, F*CB060 ALSO USED AS InSIID Front panel for f*MBOE | ¢ PNN06510 | 1 | \$226.10 | 50\% | \$113.05 |
| PNN06513 | Trane | PAnel bottom, F*CB120 ALSo used as inside front panel for f*MB12 | 2 PNN06513 | 1 | \$310.86 | 50\% | \$155.43 |
| PNN06528 | Trane | Panel; Louvered - coil protection | PNN06528 | 1 | \$1,142.40 | 50\% | \$571.20 |
| PNN06988 | Trane | panel end, CAMeo white,cl/fForo-120 | PNN06988 | 1 | \$547.41 | 50\% | \$273.71 |
| PNN06989 | Trane | panel end driftwood grey | PNN06989 | 1 | \$252.53 | 50\% | \$126.27 |
| PNNO6990 | Trane | panel end stone grey | PNN06990 | 1 | \$266.92 | 50\% | \$133.46 |
| PNN07212 | Trane | panel side, Soft dove | PNN07212 | 1 | \$342.80 | 50\% | \$171.40 |
| PNN07214 | Trane | Panel, SIDE DRIFTWOOD GREY | PNN07214 | 1 | \$220.12 | 50\% | \$110.06 |
| PNN07397 | Trane | PANEL, W/O LOUVERS W/RTNG SCREWS (W/O CAM LoCks ) For fc/ffebou | (PNN07397 | 1 | \$468.62 | 50\% | \$234.31 |
| PNN07398 | Trane | PANEL, W/O Louvers w/RTNG SCREWS (W/O CAM LoCks) For fc/ffebou | ( PNN07398 | 1 | \$401.44 | 50\% | \$200.72 |
| PNN07408 | Trane | PANEL, W/O Louvers W/RTNG SCREWS (W/O CAM Locks) For fc/ffebog ( | ( PNN07408 | 1 | \$325.30 | 50\% | \$162.65 |
| PNN07409 | Trane | PANEL, W/O LOUVERS W/RTNG SCREWS (W/O CAM LOCKS) FOR FC/FFEB06 ( | ( PNN07409 | 1 | \$517.86 | 50\% | \$258.93 |
| PNN07412 | Trane | PANEL, W/O LOUVERS W/RTNG SCREWS (W/O CAM LOCKS) FOR FC/FFEB08( | ( PNN07412 | 1 | \$389.30 | 50\% | \$194.65 |
| PNN07413 | Trane | PANEL, W/O LOUVERS W/RTNG SCREWS (W/O CAM LoCks) For fc/ffebor | ( PNN07413 | 1 | \$402.99 | 50\% | \$201.50 |
| PNN07414 | Trane | PANEL, W/O Louvers w/RTNG SCREWS (W/o CAM Locks) For fc/ffebog | (PNN07414 | 1 | \$222.79 | 50\% | \$111.40 |
| PNN08143 | Trane | panel; Vav Setpoint | PNN08143 | 1 | \$1,227.45 | 50\% | \$613.73 |
| PNN08440 | Trane | panel side rh fcoz-12 Vertical slope top, Soft dove | PNN08440 | 1 | \$199.62 | 50\% | \$99.81 |
| PNN08446 | Trane | PANEL SIDE LH FCO2-12 VERTICAL SLOPE TOP | PNN08446 | 1 | \$183.70 | 50\% | \$91.85 |
| PNN08595 | Trane | panel front, fcouo inverted vertical cabinet | PNN08595 | 1 | \$214.76 | 50\% | \$107.38 |
| PNN10003 | Trane | PANEL, SHIELD, ECONOMIZER | PNN10003 | 1 | \$25.98 | 50\% | \$12.99 |
| PNS00235 | Trane | PANEL; ASSEMBLY W/INSULATION | PNSOO235 | 1 | \$228.08 | 50\% | \$114.04 |
| PNS00381 | Trane | PANEL ASSEMBLY, ACCESS DOOR | PNSOO381 | 1 | \$896.10 | 50\% | \$448.05 |
| PNS00574 | Trane | Panel; night setback, Constant volume | PNS00574 | 1 | \$6,374.14 | 50\% | \$3,187.07 |
| PNS00575 | Trane | panel; Night setback, vav | PNS00575 | 1 | \$3,195.61 | 50\% | \$1,597.81 |
| PNS06222 | Trane | panel; mcc 35, Cfan, duct extension | PNS06222 | 1 | \$137.68 | 50\% | \$68.84 |
| PNS06223 | Trane | PANEL; MCC \#35, C FAn, dUCt Extension | PNS06223 | 1 | \$142.50 | 50\% | \$71.25 |
| PNZ22815 | Trane | panel; evp control panel kit | PNZO2815 | 1 | \$4,177.68 | 50\% | \$2,088.84 |
| PRG00009 | Trane | PURGEPUMP FOR ABS | PRG00009 | 1 | \$6,423.77 | 50\% | \$3,211.89 |
| PRG00099 | Trane | PURGE; PRGCA011A*0, PURIFIER, R11/123, W INTERFACE | PRG00099 | 1 | \$7,900.00 | 50\% | \$3,950.00 |
| PRG000101 | Trane | PURGE, PRGCA001A*0, PURIFIER, R11/123, W/O INTEREACE | PRG00101 | 1 | \$7,300.00 | 50\% | \$3,650.00 |
| PSG-3MF | Trane | GLASS; SIGHT; 3/8 MaLE FLARE X 3/8 female flare conn | PSG-3MF | 1 | \$45.72 | 50\% | \$22.86 |
| PSG-4MF | Trane | GLASS; SIGHT; $1 / 2$ Male flare X $1 / 2$ female flare Conn | PSG-4MF | 1 | \$54.50 | 50\% | \$27.25 |
| PSG-4s | Trane | GLASS; SIGHT; $1 / 2$ OdF SOLDER CONN.; 4.88 IN LENGTH | PSG-4s | 1 | \$63.96 | 50\% | \$31.98 |
| PSG-5S | Trane | GLASS; SIGHT; $/ 88$ ODF SOLDER CONN.; 4.88 IN LENGTH | PSG-5S | 1 | \$66.30 | 50\% | \$33.15 |
| PST00017 | Trane | PISTON:AND CONN ROD ASSEMBLY | PSTO0017 | 1 | \$668.20 | 50\% | \$334.10 |
| PST00040 | Trane | PISTON; | PsT00040 | 1 | \$161.83 | 50\% | \$80.92 |
| PST00049 | Trane | PIITON:UNLOADER ASSEMBLY | PsT00049 | 1 | \$192.34 | 50\% | \$96.17 |
| Pstool07 | Trane | PISTON; $3 / 8$ " PISTON for brute manifold | PsT00107 | 1 | \$12.76 | 50\% | \$6.38 |
| PST00113 | Trane | PISTON; UNLOADER ASSY, RTAA 70 TON | PST00113 | 1 | \$632.29 | 50\% | \$316.15 |
| PsT00114 | Trane | PISTON; UNLOADER ASSY, RTAA 85 TON | PsT00114 | 1 | \$511.21 | 50\% | \$255.61 |
| PST00115 | Trane | PISTON; UNLOADER ASSY, RTAA 100 TON | PsT00115 | 1 | \$543.18 | 50\% | \$271.59 |
| PTN00008 | Trane | POTENTIOMETER;AUXILIARY HONEYWELL PART \#Q181A1007 | PTN00008 | 1 | \$461.82 | 50\% | \$230.91 |
| PtNooozo | Trane | POTENTIOMETER; 50K OMS | PTNo0030 | 1 | \$114.69 | 50\% | \$57.35 |
| PTN00034 | Trane | Potentiometer; min position | PTN00034 | 1 | \$92.13 | 50\% | \$46.07 |
| PTN00062 | Trane | POTENTIOMETER; MIIIMUM POSITION, Q709A1005 | PTN00062 | 1 | \$63.23 | 50\% | \$31.62 |
| PTN00086 | Trane | POTENTIOMETER 135 OHM OPEN/CL MANUAL | PTN00086 | 1 | \$227.47 | 50\% | \$113.74 |
| PWRROOO55 | Trane | POWER, DC SUPPLY | PWRO0055 | 1 | \$3,179.28 | 50\% | \$1,589.64 |
| PWR00074 | Trane | POWER, SUPPLY | PWR00074 |  | \$1,395.12 | 50\% | \$697.56 |

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b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance; and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjuncion with the contractor providing the aforemention

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs howers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
A. General Purpose In,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' $\mathbf{l}$ location in the event of a fire or emergency.

|  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | uired by Appendix B, | List Pice | \% Discor | Nvs Nel Picice |
| RLY03020 | Trane | ReLAY Enclosed, dPdt, $24 \mathrm{VAC/vDC} / 120 \mathrm{VaC}$ Coll, hi/LOw SEPARATION | RLY03020 | 1 | \$43.63 | 50\% | \$21.82 |
| RLY03029 | Trane | RELAY; 3 POLE FORM C, 16 A 120 V COIL | RLY03029 | , | \$138.72 | 50\% | \$69.36 |
| RLY03030 | Trane | RELAY; 1-1023 SEC TIME DELAY, 24 VAC coil | RLYo3030 | 1 | \$302.75 | 50\% | \$151.38 |
| RLY03031 | Trane | relar;time delay, comp fixed off timer relay | RLY03031 | 1 | \$27.63 | 50\% | \$13.82 |
| RLY03032 | Trane | RELAY; TIME delay, SPSt, 3 MIN, 1A, 120V | RLYO3032 | 1 | \$40.48 | 50\% | \$20.24 |
| RLY03037 | Trane | relay; overload | RLYO3037 | 1 | \$126.14 | 50\% | \$63.07 |
| RLY03042 | Trane | RELAY; | RLY03042 | 1 | \$75.08 | 50\% | \$37.54 |
| RLY03062 | Trane | RELAY; LOGOI, $115 / 230$ VAC, 8 InPUTS/4 OUTPUTS, RELAY OUTPUTS, 24 HR. R | RLY03062 | 1 | \$740.43 | 50\% | \$370.22 |
| RLY03065 | Trane | RELAY; DPDT, 5 Amps At 120/277 VAC, 24 VAC CoIL, 750 RMS, COIL CLASS F R | RLY03065 | 1 | \$36.99 | 50\% | \$18.50 |
| RLY03081 | Trane | RELAY; TIME delay, power pole-7 fa, 36 RLA AT 240VAC, PILOT POLE-25' ' | 'RLYo3081 | 1 | \$53.61 | 50\% | \$26.81 |
| RLY03098 | Trane | RELAY; SWITCH, POWER-POWER 24V R | RLYO3098 | 1 | \$14.20 | 50\% | \$7.10 |
| RLY03123 | Trane | RELAY OVERLOAD, 21- 26A CLASS10 | RLY03123 | 1 | \$75.08 | 50\% | \$37.54 |
| RLY03135 | Trane | RELAY ENCLOSED, H/LLOw SEPERATION, 20 Amp, dPST-N/O + DP OVERRIDE R | RLY03135 | 1 | \$89.80 | 50\% | \$44.90 |
| RLY03139 | Trane | RELAY; OVERLOAD RELAY, 42 - 55A, CLASS 20 | RLY03139 | 1 | \$119.84 | 50\% | \$59.92 |
| RLY03140 | Trane | ReLAY Enclosed, dPst-n/0 + DP OVERRIDE | RLY03140 | 1 | \$70.35 | 50\% | \$35.18 |
| RLY03142 | Trane | RELAY;CONTROL, 8 POLE, 115/200/230V, COLL: INRUSH - 40VA, TERMINAL: S R | RLY03142 | 1 | \$229.91 | 50\% | \$114.96 |
| RLY03143 | Trane | RELAY; AUXILIARY, 88 , $2 \mathrm{NO} / 2 \mathrm{NC}$, FOR DILA RELAYS OR DILM7/32 CONTACTO R | RLY03143 | 1 | \$222.79 | 50\% | \$111.40 |
| RLY03148 | Trane | RELAY, START, 50A COIL, 383 CONTINUOUS COIL RAting, $60 \mathrm{HZ}, 160-170 \mathrm{~V}$ h | RLY03148 | 1 | \$28.37 | 50\% | \$14.19 |
| RLY03152 | Trane | ReLay enclosed, 10 A. SPdt, 24Vac/dC/ $120-277 \mathrm{VaC}$ coil | RLY03152 | 1 | \$29.61 | 50\% | \$14.81 |
| RLY03178 | Trane | RELAY; TIME delay, 90 SECOND TIME delay//24 VaC, 50/60 Hz | RLY03178 | 1 | \$109.66 | 50\% | \$54.83 |
| RLY03179 | Trane | relar; Time delay, $1 \mathrm{~A} \times 24 \mathrm{~V}, 80 \mathrm{SEC}$ | RLY03179 | 1 | \$108.06 | 50\% | \$54.03 |
| RLY03185 | Trane | relay; Control, CG 10A FRAME B 3nO1nc 24vdc coil | RLY03185 | 1 | \$508.92 | 50\% | \$254.46 |
| RLY03193 | Trane | RELAY; OVERLOAD, CLASS 10, 2.5-4 Amp, motor starter | RLY03193 | 1 | \$131.28 | 50\% | \$65.64 |
| RLY03202 | Trane | RELAY OVERLOAD, CLASS 20, 12 -18 AMP, MOTOR STARTER R | RLY03202 | 1 | \$132.08 | 50\% | \$66.04 |
| RLY03205 | Trane | RELAY TIME DeLay, 5 SEC DELAY, 10A, 120V, $50 / 60 \mathrm{~Hz}$, W/INSTANT CONTAC R | RLY03205 | 1 | \$876.14 | 50\% | \$438.07 |
| RLY03210 | Trane | RELAY, START, 50A COIL, 502 CONTINUOUS COIL RATING, $60 \mathrm{HZ}, 260-280 \mathrm{~V}$ H | RLY03210 | 1 | \$43.34 | 50\% | \$21.67 |
| RLY03211 | Trane | RELAY; START, 50A COIL, 332 Continuous Coil rating, 60 HZ , 220-240V hl r | RLY03211 | 1 | \$48.87 | 50\% | \$24.44 |
| RLY03220 | Trane | RELAY; OVERLOAD RELAY, 10.00-16.00A, CLASS 20 | RLY03220 | 1 | \$75.69 | 50\% | \$37.85 |
| RLY03221 | Trane | RELAY; OVERLOAD RELAY, 8.00-12.00A, CLASS 20 | RLY03221 | 1 | \$75.69 | 50\% | \$37.85 |
| RLY03226 | Trane | RELAY BOARD ASSY, CP26 \& OP24 R | RLY03226 | 1 | \$190.00 | 50\% | \$95.00 |
| RLY03232 | Trane | RELAY; CONTROL, CONT DPDT 120V COIL | RLY03232 | 1 | \$129.20 | 50\% | \$64.60 |
| RLY03235 | Trane | RELAY; CONTROL, DPDT, $3 \mathrm{~A}, 24 \mathrm{VAC}$ COIL | RLY03235 | 1 | \$36.89 | 50\% | \$18.45 |
| RLY03245 | Trane | RELAY; SOLID STATE OVERLOAD, SPECIAL USE TRIP CURVE A, PHASE LOSS PRI R | RLY03245 | 1 | \$698.96 | 50\% | \$349.48 |
| RLY03246 | Trane | RELAY SOLID STATE OVERLOAD, SPECIAL USE TRIP CURVE A, PHASE LOSS PRC R | RLY03246 | 1 | \$342.58 | 50\% | \$171.29 |
| RLY03340 | Trane | ReLay overload, 10-40A 600v, $50 / 60 \mathrm{~Hz}$ - TRIP CURVE 958A | RLY03340 | 1 | \$920.00 | 50\% | \$460.00 |
| RLY03346 | Trane | RELAY; POWER, 50A, DPST-NO, 24VAC COIL | RLY03346 | 1 | \$116.95 | 50\% | \$58.48 |
| RLY03347 | Trane | ReLay overload 2.50-4.10A CLASS 20 | RLY03347 | 1 | \$76.91 | 50\% | \$38.46 |
| RLY03364 | Trane | RELAY; DPST, 12 AMP @ 125V, 277 VAC COIL | RLY03364 | 1 | \$105.53 | 50\% | \$52.77 |
| RLY03372 | Trane | RELAY; START, 50 A coil, 420 Continuous coil rating, $60 \mathrm{~Hz}, 190-200 \mathrm{~V}$ h | RLY03372 | 1 | \$37.82 | 50\% | \$18.91 |
| RLY03391 | Trane | RELAY; POWER, 50A, DPST-No, 240VAC COIL | RLYO3391 | 1 | \$152.41 | 50\% | \$76.21 |
| RLY03394 | Trane | RELAY;TIME DELAY,SPDT,ON TIME-55SEC/OFF TIME-75SEC,115/230V | RLY03394 | 1 | \$335.71 | 50\% | \$167.86 |
| RLY03397 | Trane | RELAY; REPLACEMENT KIt | RLY03397 | 1 | \$229.50 | 50\% | \$114.75 |
| RLY03522 | Trane | RELAY; CONT, DPDT, 24CV, 240V CONTACTS, 50MA | RLY03522 | 1 | \$11.41 | 50\% | \$5.71 |
| RLY03536 | Trane | relay; overload, phase loss protection, manual reset, frame size r r | RLY03536 | 1 | \$820.44 | 50\% | \$410.22 |
| RLY03541 | Trane | RELAY; UNIVERSAL MOTOR STARTING, 50 Amp, $110-270$ VAC, SINGLE PHASE R | RLY03541 | 1 | \$158.16 | 50\% | \$79.08 |
| RLY03542 | Trane | RELAY; GENERAL PURPOSE $120 \mathrm{CV} 50 / 60 \mathrm{HZ}$, SPNO | RLY03542 | 1 | \$129.79 | 50\% | \$64.90 |
| RLY03555 | Trane | RELAY; MOTOR RELAY, SPST, NO, 10 A, 120 VAC | RLYO3555 | 1 | \$106.82 | 50\% | \$53.41 |
| RLY03632 | Trane | RELAY DPDT, 22A, 24VAC, 37 OHM | RLY03632 | 1 | \$120.04 | 50\% | \$60.02 |
| RLY13322 | Trane | reLay overload, 37-50 Amp, motor starter | RLY13322 | 1 | \$105.23 | 50\% | \$52.62 |
| RLY13330 | Trane | relay overload, 48 -65 Amp, motor starter | RLY13330 | 1 | \$78.02 | 50\% | \$39.01 |
| RNG00024 | Trane | RING; O, NOT R123 COMPATILLE FOR R123 USE RNG1213 R | RNG00024 | 1 | \$19.50 | 50\% | \$9.75 |
| RNG00051 | Trane | RING; Retaining, 2.210 Fid X .062T, Internal beveled | RNG00051 | 1 | \$14.50 | 50\% | \$7.25 |
| RNG00077 | Trane | RING;PISTON KIT, MODELE COMPRESSOR R | RNG00077 | 1 | \$121.96 | 50\% | \$60.98 |
| RNG00078 | Trane | RING; PIITON KIT- MODEL F COMPRESSOR | RNG00078 | 1 | \$57.25 | 50\% | \$28.63 |
| RNG00084 | Trane | RING; RETAINING, 3.844ID X .03T, ExTERNAL, SPRING STL | RNG00084 | 1 | \$58.17 | 50\% | \$29.09 |
| RNG00147 | Trane | RING; O, NEOPRENE, 12.475 ID X. 275 RD R | RNG00147 | 1 | \$56.53 | 50\% | \$28.27 |
| RNG00175 | Trane | RING; O, GAS BALLAST, ABS, C. . . | RNG00175 | 1 | \$15.62 | 50\% | \$7.81 |
| RNG00209 | Trane | RINGO, CONDUIT.75IN. NOM R | RNG00209 | 1 | \$5.00 | 50\% | \$2.50 |
| RNG00217 | Trane | RING; LABYRINTH | RNG00217 | 1 | \$823.14 | 50\% | \$411.57 |
| RNG00259 | Trane | RING; RETAINING, 579 FID X .035 THICK | RNG00259 | 1 | \$4.72 | 50\% | \$2.36 |
| RNG00403 | Trane | RING;O, NEOPRENE, 18.455 IDX .275 RD | RNG00403 | 1 | \$77.74 | 50\% | \$38.87 |
| RNG00418 | Trane | RING;O, NEOPRENE, 10.375 ID X. 139 RD | RNG00418 | 1 | \$35.74 | 50\% | \$17.87 |
| RNG00419 | Trane | RING;O NOT R123 COMPATIBLE FOR R123 USE RNG1154 R | RNG00419 | 1 | \$75.64 | 50\% | \$37.82 |
| RNG00448 | Trane | RING; COMPRESSION 2.00 DIA, MODEL R CPRSR | RNG00448 | 1 | \$10.24 | 50\% | \$5.12 |
| RNG00484 | Trane | RING;O, Neoprene 13.975 ID X. 275 RD SIZE \#457 | RNG00484 | 1 | \$56.53 | 50\% | \$28.27 |
| RNG00491 | Trane | RING; Retaining 1.220 FIDX . 098 t External, STAINLESS StL | RNG00491 | 1 | \$122.95 | 50\% | \$61.48 |
| RNG00496 | Trane | RING; RETAINING . 911 FID X . 083 T EXTERNAL, STAINLESS STL | RNG00496 | 1 | \$66.11 | 50\% | \$33.06 |
| RNG00667 | Trane | RING;O, CORD \& NITRILE 49.000 ID X 2775 RD NOT R123 COMPATIBLE FOR R1 | RNG00667 | 1 | \$251.28 | 50\% | \$125.64 |
| RNG00669 | Trane | RING;0, CORD \& NITRILE 36.000 ID X 275 RD NOT R123 Compatible for rl | RNG00669 | 1 | \$255.52 | 50\% | \$127.76 |
| RNG00670 | Trane | RING;0, $34.000 \mathrm{IDX}$.275 RND, NOT R123 COMPATIBLE FOR R123 USE RNG 1 R | 1RNG00670 | 1 | \$237.06 | 50\% | \$118.53 |
| RNG00673 | Trane | RING;0, 43.000 ID X. 2755 , NOT R123 COMPATIBLE FOR R123 USE RNG1039 | RNG00673 | 1 | \$316.35 | 50\% | \$158.18 |
| RNG00675 | Trane | RING;0, 61.000 ID X .275 RND, NOT R123 COMPATIBLE FOR R123 USE RNG11 R | RNG00675 | 1 | \$326.38 | 50\% | \$163.19 |
| RNG00756 | Trane | RING;O, 41.000 ID X X . 275 , NOT R123 COMPATIBLE, FOR R123 USE RNG1049 R | RNG00756 | 1 | \$212.04 | 50\% | \$106.02 |
| RNG00775 | Trane | RING;O, CORD RING, NITRILE, 33.000 ID X 2775 RD | RNG00775 | 1 | \$198.64 | 50\% | \$99.32 |
| RNG00776 | Trane | RING;O, 37.00" ID X . 275 RND, NOT R123 COMPATIBLE, FOR R123 USE RNG11 | RNG00776 | 1 | \$285.43 | 50\% | \$142.72 |
| RNG01005 | Trane | RING; EXTRUDED FIN, HEAT SINK, 3.00 WIDE, UNRESTRAINED DIM IS $7.20 / 6.1$ I | RNG01005 | 1 | \$228.19 | 50\% | \$114.10 |
| RNG01015 | Trane | RING; O, VENT R | RNG01015 | 1 | \$54.48 | 50\% | \$27.24 |
| RNG01016 | Trane | RING;O, VENT | RNG01016 | 1 | \$23.14 | 50\% | \$11.57 |
| RNG01128 | Trane | RING;0,4.984 ID X.139RD PART IS R123 COMPATIBLE | RNG01128 | 1 | \$11.91 | 50\% | \$5.96 |
| RNG01158 | Trane | RING; MOTOR MOUNTING, 7.12 INSIDE DIAMETER R | RNG01158 | 1 | \$16.52 | 50\% | \$8.26 |
| RNG01168 | Trane | RING; DRIVER, 26.95 ID | RNG01168 | 1 | \$2,361.10 | 50\% | \$1,180.55 |
| RNG01210 | Trane | RING; CENTERING, INCLUDES NEOPRENE O-RING O-RING IS NOT AVAIL AS A : | : RNG01210 | 1 | \$188.53 | 50\% | \$94.27 |
| RNG01225 | Trane | RING;0, 3.101DX. 210 RD | RNG01225 | 1 | \$6.87 | 50\% | \$3.44 |
| RNG01226 | Trane | RING; 3.777 ODX.13 T | RNG01226 | 1 | \$52.49 | 50\% | \$26.25 |
| RNG01248 | Trane | RING; 0, 3.600 ID X. 210 RD, NEOPRENE R | RNG01248 | 1 | \$10.24 | 50\% | \$5.12 |
| RNG01252 | Trane | RING; DISCHARGE, MODELE | RNG01252 | 1 | \$75.31 | 50\% | \$37.66 |
| RNG01269 | Trane | RING; TRIM - UNIT MNT ONLY | RNG01269 | 1 | \$42.02 | 50\% | \$21.01 |
| RNG01286 | Trane | RING, SEAL | RNG01286 | 1 | \$1,762.74 | 50\% | \$881.37 |
| RNG01290 | Trane | RING, SEAL | RNG01290 | 1 | \$2,185.88 | 50\% | \$1,092.94 |
| RNG01299 | Trane | RING; SEAL | RNG01299 | 1 | \$2,474.34 | 50\% | \$1,237.17 |
| RNG01411 | Trane | RING; 0, 3.984 IDX.139R R | RNG01411 | 1 | \$3.47 | 50\% | \$1.74 |
| RNG01413 | Trane | RING;0,4.859 IDX.139RD | RNG01413 | 1 | \$10.32 | 50\% | \$5.16 |
| RNG01414 | Trane | RING;0, 5.109 ID X. 139 R | RNG01414 | 1 | \$10.25 | 50\% | \$5.13 |
| RNG01415 | Trane | RING;0, 6.234 IDX. 139 R | RNG01415 | 1 | \$12.01 | 50\% | \$6.01 |
| RNG01417 | Trane | RING;0, 9.484 IDX. 139 R | RNG01417 | 1 | \$16.52 | 50\% | \$8.26 |
| RNG01423 | Trane | O-RING; 4.725 ID X. 210 RD | RNG01423 | 1 | \$15.27 | 50\% | \$7.64 |
| RNG01424 | Trane | RING;0, 10.975 ID X. 210 RD | RNG01424 | 1 | \$35.75 | 50\% | \$17.88 |
| RNG01425 | Trane | RING;0,13.975 IDX.275R R | RNG01425 | 1 | \$28.64 | 50\% | \$14.32 |
| RNG01426 | Trane | RING;0, $16.455 \mathrm{IDX}$.275 RD | RNG01426 | 1 | \$27.10 | 50\% | \$13.55 |
| RNG01429 | Trane | RING;0,21.955 IDX.275R R | RNG01429 | 1 | \$86.93 | 50\% | \$43.47 |
| RNG01431 | Trane | RING;0,20.955 IDX . 275 R ( | RNG01431 | 1 | \$38.88 | 50\% | \$19.44 |
| RNG01436 | Trane | RING;0, 9.475 IDX. 210 RD | RNG01436 | 1 | \$27.86 | 50\% | \$13.93 |
| RNG01443 | Trane | RING;0, 15.9555 IDX .275 RD | RNG01443 | 1 | \$38.11 | 50\% | \$19.06 |
| RNG01445 | Trane | RING;0, 18.955 ID X. 275 RD | RNG01445 | 1 | \$41.26 | 50\% | \$20.63 |
| RNG01446 | Trane | RING;0, 22.940 ID X. 275 RD | RNG01446 | 1 | \$47.20 | 50\% | \$23.60 |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Nicroprocessor-Controlled HAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
Energy Mana Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (\%), and/or other similar device, which utilize certainer platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance; and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforemenio. n, systems integration, ormaintenare of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs howers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
A. Audio-Video

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' 'ocation in the event of a fire or emergency.


The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Itegrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Molled HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pas other sin device, whic platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
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|  |  | net Descripion |  | $\begin{gathered} \text { "Warranty Period - \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54 \text { " } \end{gathered}$ | List Pice | \% Dis | NVs Net Pr |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| RSR00039 | Trane | RESTRICTOR; 0.65 ORIIICE | RSR00039 | 1 | \$7.86 | 50\% | \$3.93 |
| RSR00090 | Trane | RESTRICTOR, \#4 FLARE X. 13 NPT, . 014 DIA ORIFICE | RSR00090 | 1 | \$72.48 | 50\% | \$36.24 |
| RTR00009 | Trane | Retainer; Fviv | RтRооооя | 1 | \$58.49 | 50\% | \$29.25 |
| RTR00033 | Trane | retalner; | RTR00033 | 1 | \$32.35 | 50\% | \$16.18 |
| RTR00117 | Trane | REtAINER, ACCESS DOOR | RTR00117 | 1 | \$179.00 | 50\% | \$89.50 |
| RTR00954 | Trane | RETAINER; $3.048 \times 69.00$ HORIZONTAL, CSA EQUIPMENT ORDER C1R155A | RTR00954 | 1 | \$99.20 | 50\% | \$49.60 |
| RTR00955 | Trane | RETAINER; $3.048 \times 52.625$, CSA EQUIPMENT ORDER C1R155A | RTR00955 | 1 | \$99.20 | 50\% | \$49.60 |
| RTR00957 | Trane | retalner clip | RTR00957 | 1 | \$49.50 | 50\% | \$24.75 |
| SC-A-3X4 | Trane | valve; Thermostatic expansion; Parker; sc-valve body; int. equaliz | $2 \mathrm{sc}-\mathrm{A}-3 \times 4$ | 1 | \$171.46 | 50\% | \$85.73 |
| SC-AA 3x4 | Trane | valle; Thermostatic expansion; Parker; SC-Valve body; int. equaliz | Z SC-AA 3x4 | 1 | \$171.46 | 50\% | \$85.73 |
| SCE-A 3X4 | Trane | valve; Thermostatic expansion; Parker; Sce-valve body; $1 / 4$ " Equal | SCE-A 3x4 | 1 | \$215.24 | 50\% | \$107.62 |
| SCE-AA 3X4 | Trane | Valve; Thermostatic expansion; Parker; Sce-valve bodr; 1/4" eqaliz | Z SCE-AA 3 $\times 4$ | 1 | \$185.44 | 50\% | \$92.72 |
| SCE-B 3x4 | Trane | Valve; Thermostatic expansion; Parker; Sce-valve bodr; $1 / 4$ " equal | SCE-B 3x4 | 1 | \$215.24 | 50\% |  |
| SCE-C 3x4 | Trane | Valve; Thermostatic expansion; Parker; Sce-valve bodr; 1/4" equal | SCE-C 3x4 | 1 | \$215.24 | 50\% | \$107.62 |
| SCR00060 | Trane | SCREW; . $62-11 \times 5.50$, HEX CAP | SCR00060 | 1 | \$11.02 | 50\% | \$5.51 |
| SCR00134 | Trane | SCREW; CAP . $62-11 \times 2.50$ | SCR00134 | 1 | \$2.06 | 50\% | \$1.03 |
| SCR00192 | Trane | SCREW; CAP-12 POINT, .50-20 1.50, BLACK OXIDE | SCR00192 | 1 | \$11.28 | 50\% | \$5.64 |
| SCR00214 | Trane | SCREW; SET-SOCKET HD, FLAT POINT, ZINC PLD, 88 -9 X . 88 | SCR00214 | 1 | \$35.63 | 50\% | \$17.82 |
| SCR00295 | Trane | SCREW; ADJUSTING, 1/2-13 3.62 LG | SCROO295 | 1 | \$7.99 | 50\% | \$4.00 |
| ScRoo599 | Trane | SCREW;10-24 1 1/2 | Scroos99 | 1 | \$45.32 | 50\% | \$22.66 |
| SCR00604 | Trane | SCREW; MACH SLTD, RD HD, W/SHOULDER, $0.25-28 \times 0.56$, ZINC PLD | SCR00604 | 1 | \$126.00 | 50\% | \$63.00 |
| SCR00622 | Trane | SCREW; HEX HEAD, (5/8-11 $\times$ ) | SCR00622 | 1 | \$48.87 | 50\% | \$24.44 |
| SCR00709 | Trane | SCREW, 10-24X. 50 | Scroopo | 1 | \$20.98 | 50\% | \$10.49 |
| SCR00769 | Trane | SCREW \#8, PHILIPS PAN HEAD,1/2 ${ }^{\text {IN. LG. }}$ | SCR00769 | 1 | \$31.33 | 50\% | \$15.67 |
| SCR00895 | Trane | SCREW, M12 $\times 120 \mathrm{Mm}$ | Scroog95 | 1 | \$5.93 | 50\% | \$2.97 |
| ScRoo933 | Trane | SCREW, M6 X 35 Mm | Scroo933 | 1 | \$1.06 | 50\% | \$0.53 |
| SCRO1342 | Trane | SCREW; . 25 -20 1.75 HEX MACHINE | SCR01342 | 1 | \$20.46 | 50\% | \$10.23 |
| SCRO1435 | Trane | SCREW 1/4-20 $5 / 8$ HEX HD | SCR01435 | 1 | \$75.20 | 50\% | \$37.60 |
| SCRO1603 | Trane | SCREW. 25 -20X3.5,HEX CAP,ZIIC PLD,THREAD 3.0 LENGTH,GR 5 | SCR01603 | 1 | \$35.32 | 50\% | \$17.66 |
| SCR01606 | Trane | SCREW; . $25-20 \times 1.00$ LONG | SCR01606 | 1 | \$15.46 | 50\% | \$7.73 |
| SCR01624 | Trane | SCREW; SPRING PLUNGER, 38-16X1.20, RETRAC.ZINC PLTD w/Gold IRIIIT | Scroib24 | 1 | \$65.76 | 50\% | \$32.88 |
| SCR01632 | Trane | SCREW; 0.31-18 0 0.625 ROL THD (PACK OF 8) | SCR01632 | 1 | \$5.50 | 50\% | \$2.75 |
| SCR01731 | Trane | SCREW; CAP-HEX HD | SCR01731 | 1 | \$16.33 | 50\% | \$8.17 |
| SCR01742 | Trane | SCREW; 1/2-13 $\times 11 / 4$ (PACK OF 50) | SCR01742 | 1 | \$48.35 | 50\% | \$24.18 |
| SCR01748 | Trane | SCREW; $10-32 \times 0.62$, SCH CAP (PACK OF 50) | SCR01748 | 1 | \$5.41 | 50\% | \$2.71 |
| SCR01753 | Trane | SCREW; HEX HEAD, $5 / 8-11 \times 3-1 / 2$ | SCR01753 | 1 | \$62.95 | 50\% | \$31.48 |
| SCR01755 | Trane | SCREW; SOCKET CAP, 1/4-20 0 0.75 (PACK OF 50) | SCR01755 | 1 | \$38.32 | 50\% | \$19.16 |
| SCR01759 | Trane | SCREW; HEX CAP, 3/8-16 1.50 (PACK OF 50) | SCR01759 | 1 | \$24.22 | 50\% | \$12.11 |
| SCR01764 | Trane | SCREW; HEX CAP, M12 X 40 MM | SCR01764 | 1 | \$79.82 | 50\% | \$39.91 |
| SCR01845 | Trane | SCREW; HEX CAP, 3/8-16 X 0.88, ZINC PLATED (PACK OF 10 ) | SCR01845 | 1 | \$1.82 | 50\% | \$0.91 |
| SCRO1849 | Trane | SCREW; HEX CAP, $0.31-18 \times 0.50$ | SCR01849 | 1 | \$3.30 | 50\% | \$1.65 |
| SCR01852 | Trane | SCREW; 3/8-16 X $11 / 4$ (PACK OF 10) | SCR01852 | 1 | \$2.38 | 50\% | \$1.19 |
| SCR01854 | Trane | SCREW; CAP, 12 POINT, $0.38-24 \times 1.00$, BLACK OXIDE | SCR01854 | 1 | \$24.24 | 50\% | \$12.12 |
| SCR01856 | Trane | SCREW; SOCKET SET, CUP POINT 8 -32 $\times 1 / 4$ (PACK OF 10 ) | SCR01856 | 1 | \$16.52 | 50\% | \$8.26 |
| SCR01871 | Trane | SCREW; $8-32 \times 0.50$ (PACK OF 10) | SCR01871 | 1 | \$16.52 | 50\% | \$8.26 |
| SCR01874 | Trane | SCREW; 5/16-18 0 0.87 SHEET METAL | SCR01874 | 1 | \$10.49 | 50\% | \$5.25 |
| SCR01881 | Trane | SCREW TAMPERPROOF, $25-20 \mathrm{X} .50$ SKt Btn, CAP - hex Socket, Stel - bl- | - $\mathrm{SCR01881}$ | 1 | \$28.94 | 50\% | \$14.47 |
| ScR01935 | Trane | SCREW; SHEET METAL SCREW, $8 \times 1 / 2$ TAPER POINT, 1000/PACK | SCR01935 | 1 | \$23.73 | 50\% | \$11.87 |
| SCRO1953 | Trane | SCREW; SHEET METAL SCREW, $6 \times 1 / 2$ drill point, 1000/PACK | SCR01953 | 1 | \$30.30 | 50\% | \$15.15 |
| SCRO1955 | Trane | SCREW; SHEET METAL SCREW, $8 \times 1 / 2$ DRILL POINT, 1000/PACK | SCR01955 | 1 | \$30.53 | 50\% | \$15.27 |
| SCRO1957 | Trane | SCREW; SHEET METAL SCREW, $8 \times 3 / 4$ DRILL POINT, 500/PACK | SCR01957 | 1 | \$18.03 | 50\% | \$9.02 |
| SCRO1967 | Trane | SCREW; SHEET METAL SCREW, $10 \times 3 / 4$ drill Point, 500/PACK | SCR01967 | 1 | \$25.05 | 50\% | \$12.53 |
| SCR01973 | Trane | SCREW; SHEET METAL SCREW, 10 X 2 DRILL Point, 350/PACK | SCR01973 | 1 | \$29.13 | 50\% | \$14.57 |
| SCR01975 | Trane | SCREW; SHEET METAL SCREW ASSORTMENT PACK | SCR01975 | 1 | \$29.85 | 50\% | \$14.93 |
| SCR01987 | Trane | SCREW FOR 839 BUMPER | SCR01987 | 1 | \$1.00 | 50\% | \$0.50 |
| SCRO1988 | Trane | SCREW | SCR01988 | 1 | \$1.10 | 50\% | \$0.55 |
| SCRO1996 | Trane | SCREW; \#10-32 THREAD FORMING, IND $5 / 16$ Hex flg WASHER HeAd, $438 /$ / | . SCR01996 | 1 | \$2.20 | 50\% | \$1.10 |
| SCRO1997 | Trane | SCREW . $25-20 \times 1.25$ MACHINE W/CONE POINT | SCR01997 | 1 | \$33.04 | 50\% | \$16.52 |
| SCRO2007 | Trane | SCREW; 0.31-24 1 1.50 HEX CAP, ZINC PLATED WITH CONVERSION COATING | Scro2007 | 1 | \$4.94 | 50\% | \$2.47 |
| SCRO2010 | Trane | SCREW; 12-18 AB HXW 1/2 SN | SCR02010 | 1 | \$9.46 | 50\% | \$4.73 |
| SCRO2014 | Trane | SCREW: SCREW, W/WASHER | SCR02014 | 1 | \$1.00 | 50\% | \$0.50 |
| SCRO2018 | Trane | SCREW; HEX CAP, $1 / 4-20 \times 7 / 8$ ( 1 CTN = 10 PCS) | SCR02018 | 1 | \$5.50 | 50\% | \$2.75 |
| SCRO2102 | Trane | SCREW; $1 / 2-13 \times 6.00$, ADJUSTMENT, ZINC \& CHROMATE PL | SCR02102 | 1 | \$5.82 | 50\% | \$2.91 |
| SCR02111 | Trane | SCREW; $31 \times 1.00$, CAP, FLAT HEAT | SCR02111 | 1 | \$14.27 | 50\% | \$7.14 |
| SCR02146 | Trane | SCREW; 1/4-20 0.75 FLAT HEAD TORX T-27 DRIVE BLACK OXIDE W/NYLok ( | ( SCR02146 | 1 | \$117.89 | 50\% | \$58.95 |
| SEL00022 | Trane | SEAL; SHAFT, 2.00 diA ASSY-MODEL E CPRSR | SEL00022 | 1 | \$606.32 | 50\% | \$303.16 |
| SEL00032 | Trane | SEAL; SHAFT, 1.50 diA ASSY-MODEL F CPRSR | selooo32 | 1 | \$388.28 | 50\% | \$194.14 |
| SEL00056 | Trane | SEAL ; SHAFT, 75 DIA | SEL00056 | 1 | \$220.53 | 50\% | \$110.27 |
| SEL00061 | Trane | SEAL; COMPOUND-CTV \& ABS WATER BAFFLL GASkETS, (SHIPPING UOM 50 | SEL00061 | 1 | \$84.17 | 50\% | \$42.09 |
| SEL00141 | Trane | SEAL; LABYRINTH, BACK | SEL00141 | 1 | \$1,558.56 | 50\% | \$779.28 |
| SEL00193 | Trane | SEAL;ASM. FOR MODELE COMPRESSOR | SEL00193 | 1 | \$992.98 | 50\% | \$496.49 |
| SEL00310 | Trane | SEAL; 0.062 THK 1.50 OD 1.38 ID, TEFLON, USE WITH ROTOLOCK 1.75 - 12 | 2 SEL00310 | 1 | \$2.76 | 50\% | \$1.38 |
| SEL00326 | Trane | SEAL; | SEL00326 | 1 | \$1,735.84 | 50\% | \$867.92 |
| SEL00376 | Trane | Sealant; GASket eliminator, 515, 300 MIL CARTRIIde | seloo376 | 1 | \$127.74 | 50\% | \$63.87 |
| SEL00409 | Trane | SEAL; OLI, TANG OPERATOR ASSEMBLY | SEL00409 | 1 | \$30.85 | 50\% | \$15.43 |
| SELOO420 | Trane | SEAL; JOINT (ONE PIECE $=24$ INCHES) | SELOO420 | 1 | \$33.39 | 50\% | \$16.70 |
| SELOO439 | Trane | SEAL; ALUMINUM Grey polyurethane, 10.3 oz | SELOO439 | 1 | \$19.56 | 50\% | \$9.78 |
| SEL00468 | Trane | SEAL;SHAFT KIT (INCLUDES GASKET \& SCREWS) | SEL00468 | 1 | \$185.00 | 50\% | \$92.50 |
| SEL00471 | Trane | SEALANT; . $75 \mathrm{~W} \times 25$ FEET | SEL00471 | 1 | \$44.85 | 50\% | \$22.43 |
| SEL00488 | Trane | SEAL; PIPE, 50 ML | SEL00488 | 1 | \$34.00 | 50\% | \$17.00 |
| SELOO490 | Trane | SEAL; REMOVABLE THREAD, 10 ML | SEL00490 | 1 | \$27.36 | 50\% | \$13.68 |
| SEL00513 | Trane | SEAL; O-RING FACE X .38 TUBE | SEL00513 | 1 | \$12.84 | 50\% | \$6.42 |
| SEL00839 | Trane | SEAL; REFRIGERANT OIL PUMP | SEL00839 | 1 | \$115.20 | 50\% | \$57.60 |
| SEL00858 | Trane | SEAL; OIL, 1.25 ID X 2.129 OD X 250 THICK | SEL00858 | 1 | \$74.15 | 50\% | \$37.08 |
| SEL00859 | Trane | SEAL; $0.19 \times 1.25 \times 25$ FT. ROLL, BUTYL TAPE | SEL00859 | 1 | \$50.84 | 50\% | \$25.42 |
| SEL00869 | Trane | SEAL MECHANICAL, SILICON CARbINE | SEL00869 | 1 | \$538.36 | 50\% | \$269.18 |
| SEL00874 | Trane | SEAL; VACUUM FITTING SEALANT, | sEL00874 | 1 | \$24.17 | 50\% | \$12.09 |
| SEL00878 | Trane | SEAL; WATER, 1 IN. OD X $1 / 2 \mathrm{IN}$. ID For Ram $4,5,6$ \& PRO | SEL00878 | 1 | \$38.50 | 50\% | \$19.25 |
| SEL00888 | Trane | SEAL; GOECEL CAuLking, 8 OZ CARTRIDGE, Clear | SEL00888 | 1 | \$14.35 | 50\% | \$7.18 |
| SELOO916 | Trane | SEAL RING; Bearing oil | SEL00916 | 1 | \$1,892.58 | 50\% | \$946.29 |
| SEL00917 | Trane | SEAL RING; BEARING OIL | SEL00917 | 1 | \$1,645.54 | 50\% | \$822.77 |
| SEL00922 | Trane | SEAL; GASKET ELIM 0.50 ML | SEL00922 | 1 | \$35.66 | 50\% | \$17.83 |
| SEl00923 | Trane | SEAL RITCHE 93031 VACUUM PUMP SHAFT SEAL | SEL00923 | 1 | \$29.45 | 50\% | \$14.73 |
| SEL00943 | Trane | SEALANT; BRUSH-ON LIQUID ELECTRICAL TAPE, BLACK, (SHIPPING UOM 402 | $2 \mathrm{EEL00943}$ | 1 | \$26.44 | 50\% | \$13.22 |
| SELOO953 | Trane | SEAL; RIBBED BUTYL LAPE, 1.25 WX . 313 T , 25' RoLL | seloo953 | 1 | \$68.02 | 50\% | \$34.01 |
| SEL00982 | Trane | SEAL; SHAFT 1.12 dia $\mathrm{W} /$ Ceramic seat | SEL00982 | 1 | \$1,233.78 | 50\% | \$616.89 |
| SELOO983 | Trane | SEAL; SHAFT 1.38 dIA W/ CERAMIC SEAT | SEL00983 | 1 | \$1,307.82 | 50\% | \$653.91 |
| SEL01003 | Trane | Seal; Refrigerant, thread lock, 10 ML | SEL01003 | 1 | \$30.46 | 50\% | \$15.23 |
| SEN00007 | Trane | SENSOR; PROBE | SEN00007 | 1 | \$35.22 | 50\% | \$17.61 |
| senooorz | Trane | SENSOR; DUCT | SEN00023 | 1 | \$50.16 | 50\% | \$25.08 |
| senooo35 | Trane | SENSOR; DISCHARGE AIR TEMP.(MZ) | SEN00035 | 1 | \$108.32 | 50\% | \$54.16 |
| senooous | Trane | SENSOR;TEMPERATURE, LeAVING WATER,2 LEADS, 20-90 F | senooous | 1 | \$686.67 | 50\% | \$343.34 |
| Senooos 1 | Trane | SENSOR; DIICHARGE AIR, 40F TO 220F | SEN00051 | 1 | \$116.18 | 50\% | \$58.09 |
| Senooob | Trane | SENSOR AIR flow, .19DIA X .022W X 10.10lG, ALUM | SEN00067 | 1 | \$168.09 | 50\% | \$84.05 |
| SEN00073 | Trane | SENSOR;FLAME | SEN00073 | 1 | \$68.67 | 50\% |  |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. . BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated
Microprocessor-Controled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems. Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
. Itegrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory Moded HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pa platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
gration, mainten te of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs howers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
A. General Purpose Iudio-Video

A physical security and faciity system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' 'ocation in the event of a fire or emergency.

|  |  |  |  | "Warranty Period - \# of year(s) after |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Lst Price | \% Disec | Nvs |
| Sen00078 | Trane | SENSOR DISCHARGE AIR 55-90 | SEN00078 | 1 | \$399.23 | 50\% | \$199.62 |
| senooog6 | Trane | SENSOR; THERMISTOR PROBE | senooog6 | 1 | \$47.55 | 50\% | \$23.78 |
| senooo99 | Trane | sensor; w/mounting flange, Alr probe tube | senooog9 |  | \$18.64 | 50\% | \$9.32 |
| SEN00104 | Trane | SENSOR; SERIES | SEN00104 | 1 | \$668.10 | 50\% | \$334.05 |
| senoolos | Trane | SENSOR; WATER TEMPERATURE, 3266 OHMS @ OC 30 Ft Leads | SENoO105 | 1 | \$373.50 | 50\% | \$186.75 |
| seno0107 | Trane | SENSOR; CHILLED WATER, 3266 OHMS @ OC 10 FT LEADS, WELL IS WEL0004 | SEN00107 | 1 | \$179.24 | 50\% | \$89.62 |
| seno0113 | Trane | SENSOR; THERMISTOR, 15-150F, 25 diA 22 IN . LG, 18 IN. LEADS | senooll3 | 1 | \$61.43 | 50\% | \$30.72 |
| senooll4 | Trane | SENSOR; THERMISTOR, 32-201 F, 25 DIA X 2 IN. LONG, 18 IN. LEADS | senool14 | 1 | \$41.65 | 50\% | \$20.83 |
| seno0132 | Trane | sensor; temperature thermistor probe jacketed cable | senool32 | 1 | \$91.82 | 50\% | \$45.91 |
| Seno0134 | Trane | SENSOR;MIXED AIR | SEN00134 |  | \$33.95 | 50\% | \$16.98 |
| Seno0135 | Trane | SENSOR;RETURN AIR HONEYWEL \#T7022A1010 | SEN00135 | 1 | \$156.32 | 50\% | \$78.16 |
| SEN00137 | Trane | SENSOR;TEMPERATURE | SEN00137 |  | \$183.69 | 50\% | \$91.85 |
| seno0179 | Trane | SENSOR; Enthalpy | SEN00179 | 1 | \$93.70 | 50\% | \$46.85 |
| senoo204 | Trane | SENSOR; TEMPERATURE, 90-250F. 25 dia $\times 5$ InCHES LONG | senoo204 | 1 | \$16.91 | 50\% | \$8.46 |
| seno0216 | Trane | Sensor; Thermister, 15-150F, Probe, nickel plated brass | senoorl6 | 1 | \$24.85 | 50\% | \$12.43 |
| Seno0217 | Trane | SENSOR; THERMISTOR, 15-150F | SEN00217 | 1 | \$218.83 | 50\% | \$109.42 |
| SEN00218 | Trane | SENSOR;WALL MOUNTED TEMP 0-40 Degrees Celsius | SEN00218 | 1 | \$116.78 | 50\% | \$58.39 |
| senooz33 | Trane | sensor;flame | senooz33 |  | \$55.64 | 50\% | \$27.82 |
| SEN00234 | Trane | SENSOR;TEMPERATURE, 38 DIA X 2.62L | SENoO234 | 1 | \$105.73 | 50\% | \$52.87 |
| senooz35 | Trane | SENSOR; OUTDOOR AIR, 25 QUICK CONNECT TERMINALS, CLOSE AT $60 \mathrm{~F}+\mathrm{O}$ | SENo0235 | , | \$93.88 | 50\% | \$46.94 |
| senoor37 | Trane | SENSOR; HOFFMAN 100-0016-001 HEAD PRESSURE SENSOR | SEN00237 | 1 | \$60.94 | 50\% | \$30.47 |
| seno0251 | Trane | SENSOR; VELOCITY ASSEmbly | senoo251 | 1 | \$523.56 | 50\% | \$261.78 |
| seno0271 | Trane | SENSOR; LIMIT CONTROL 220-265F | SEN00271 | 1 | \$66.11 | 50\% | \$33.06 |
| SEN00277 | Trane | SENSOR; Humidity, 32 deg. F to 125 deg. F operating temperature | SEN00277 | 1 | \$120.26 | 50\% | \$60.13 |
| Senoo297 | Trane | SENSOR; FLAME | SEN00297 | 1 | \$24.94 | 50\% | \$12.47 |
| senoo299 | Trane | Sensor; alr flow, 6 In. Valve | SENoO299 | 1 | \$307.04 | 50\% | \$153.52 |
| Senoo300 | Trane | SENSOR; AR FLOW, 8 IN. VALVE | SENOO300 | 1 | \$306.98 | 50\% | \$153.49 |
| senoo301 | Trane | SENSOR; AIR FLOw, 10 IN. VALVE | senoo301 | 1 | \$358.23 | 50\% | \$179.12 |
| senoo302 | Trane | SENSOR; AIR FLOw, 12 IN. VALVE | senoo302 | 1 | \$545.13 | 50\% | \$272.57 |
| senoo306 | Trane | SENSOR;LEAVING/ENTERING WATER, temperature, Pair, 15 To 140 deg. I | Isenoo306 | 1 | \$226.74 | 50\% | \$113.37 |
| SENo0317 | Trane | Sensor; AlR flow Sampling probe | SENo0317 | 1 | \$29.16 | 50\% | \$14.58 |
| senoo335 | Trane | SEnsor; AIR flow | senoo335 | 1 | \$100.53 | 50\% | \$50.27 |
| SEN00355 | Trane | SENSOR; FLAME | SEN00355 | 1 | \$63.91 | 50\% | \$31.96 |
| senoo360 | Trane | SENSOR;DISCHARGE AIR, MAXITROL SYS. 44 | SENOO360 | 1 | \$1,090.50 | 50\% | \$545.25 |
| senoo374 | Trane | SENSOR;PRESSURE, O7IN. STATIC PRESSURE,BARBED $5 / 32$ Id Conn | senoo374 | 1 | \$181.78 | 50\% | \$90.89 |
| senoo386 | Trane | Sensor;Temperature, -45 To 70 C | senoo386 | 1 | \$109.46 | 50\% | \$54.73 |
| Senoo387 | Trane | SENSOR;TEMP. THERMISTOR, 15-140F, . 25 DIA 2.00 LG, 216" JACKETED CA | SEno0387 | 1 | \$85.41 | 50\% | \$42.71 |
| SENo0391 | Trane | SENSOR;THERMISTOR | SENoO391 | 1 | \$39.58 | 50\% | \$19.79 |
| SEN00404 | Trane | SENSOR;T, 15 TO 140F, 25 DIAX2.LG, 288 IN. JACKETED CABLE, MATCHED PA | SENOO404 |  | \$125.62 | 50\% | \$62.81 |
| SENOO405 | Trane | SENSOR; T, 32 TO 201F, 25 DIA 2.00 LG, 240 IN. JACKETED CABLE | SENOO405 | 1 | \$77.88 | 50\% | \$38.94 |
| seno0409 | Trane | SENSOR; TEMPERATURE,-40 TO $350 \mathrm{~F}, 36 \mathrm{IN}$. Leads | SENOO409 | 1 | \$340.51 | 50\% | \$170.26 |
| senoou25 | Trane | SENSOR; THERMISTOR, 15 - 140F, 25 DIA X 2.00 LG , 40 FT. LONG | SENOO425 | 1 | \$205.10 | 50\% | \$102.55 |
| seno0432 | Trane | SENSORAUTO PILOT,48IN. Ele, 3 Pin PlG,UNIVERSAL Bulb, Mercury flame | SEN00432 | 1 | \$288.08 | 50\% | \$144.04 |
| seno0469 | Trane | Sensor; temperature, 15-140F, 48" Jacketed Cable | seno0469 | 1 | \$55.51 | 50\% | \$27.76 |
| SENOO484 | Trane | SENSOR; THERMITTOR | SENoO484 | 1 | \$432.07 | 50\% | \$216.04 |
| SEN00497 | Trane | SENSOR; REMOTE | senoo497 | 1 | \$226.69 | 50\% | \$113.35 |
| SEN00506 | Trane | SENSOR; THERMISTOR, -40F TO 2577 F , 38 DIA 2.63 LG, 6 IN. LEADS CLKSI | SENo0506 | 1 | \$194.61 | 50\% | \$97.31 |
| SEN00521 | Trane | SENSOR; LOW PRESSURE, TRANSDUCER, 0-5 | SENo0521 |  | \$506.49 | 50\% | \$253.25 |
| seno0522 | Trane | SENSOR LOW PRESSURE, TRANSDUCER, 0-1 | senoos22 | 1 | \$506.49 | 50\% | \$253.25 |
| senoos30 | Trane | SENSOR; PREsSURE, 0-50 PSI | senoos3o | 1 | \$1,226.63 | 50\% | \$613.32 |
| senoos88 | Trane | SENSOR \& SELECT STAT For System 44 | senoos88 | 1 | \$661.59 | 50\% | \$330.80 |
| SEN00606 | Trane | SENSOR; THERMISTOR PROBE W/TEFLON LEADS | SENOO606 | 1 | \$63.72 | 50\% | \$31.86 |
| Senoo609 | Trane | SENSOR; MIXED AIR, 6 IN LENGTH, WITH THERMISTOR | Senoo609 |  | \$258.13 | 50\% | \$129.07 |
| SEN00610 | Trane | SENSOR OUTDOor alr | SENo0610 | 1 | \$118.67 | 50\% | \$59.34 |
| senoo663 | Trane | SENSOR; THERMOCOUPLE, 24 IN. LEAD | SEN00663 | 1 | \$13.39 | 50\% | \$6.70 |
| seno0665 | Trane | SENSOR; THERMOCOUPLE, 36IN. LeAD | senoo665 | 1 | \$14.43 | 50\% | \$7.22 |
| senooto3 | Trane | Sensor; Oll Presence, 24VDC | senooto3 | 1 | \$484.48 | 50\% | \$242.24 |
| Seno0709 | Trane | SENSOR; HOFFMAN 100-0017-001 Head pressure sensor | senoopos | 1 | \$55.04 | 50\% | \$27.52 |
| SEN00710 | Trane | SENSOR; WITH 24 IN IN LeAd, Thermister | SEN00710 | 1 | \$27.59 | 50\% | \$13.80 |
| SEN00711 | Trane | SENSOR; WITH 48 IN. Lead, Thermistor | senoor11 | 1 | \$92.35 | 50\% | \$46.18 |
| SEN00736 | Trane | SENSOR, ASSEMBLY | SEN00736 | 1 | \$86.59 | 50\% | \$43.30 |
| sen00737 | Trane | SENSOR, ASSEMBLY (MATCHED PAIR, 4RT4 \& 4RT5) | SEN00737 | 1 | \$70.74 | 50\% | \$35.37 |
| sen00769 | Trane | SENSOR; TEMP 8"ELEMENT | seno0769 | 1 | \$47.01 | 50\% | \$23.51 |
| SEN00773 | Trane | SENSOR; TEMP 13"ELEMENT 3484 OHMS AT 77 deg | senoot73 | 1 | \$118.77 | 50\% | \$59.39 |
| senoo791 | Trane | SENSOR; TEMP 75F/250F 22IN LLADS, THERMAL OVERLOAD. | senoo791 | 1 | \$73.30 | 50\% | \$36.65 |
| SEN00803 | Trane | SENSOR; PNEUMATIC TEMPERATURE | SENo0803 | 1 | \$261.68 | 50\% | \$130.84 |
| SEN00809 | Trane | SEnsor; Pneumatic temperature | senooros | 1 | \$263.23 | 50\% | \$131.62 |
| SEN00838 | Trane | SENSOR; TEMPERATURE 15-440F, 384" JaCketed Cable | SENo0838 | 1 | \$75.20 | 50\% | \$37.60 |
| SEN00850 | Trane | SENSOR; ASSY - 125 IN. LEADS | SENo0850 | 1 | \$41.98 | 50\% | \$20.99 |
| Senoors4 | Trane | SENSOR; K-THERMOCOUPLE,BEAD TYPE,(400F)INSULATION | SENo0854 | 1 | \$20.25 | 50\% | \$10.13 |
| senoor64 | Trane | SENSOR; PROBE FOR USE W/ICM 325 H , ICM 326 H AND ICM327H | SENo0864 | 1 | \$48.41 | 50\% | \$24.21 |
| senoor66 | Trane | Sensor; temperature, 220 INCH Wire length, (4RT1) | senoor66 | 1 | \$65.56 | 50\% | \$32.78 |
| SEN00867 | Trane | SENSOR; TEMPERATURE, 150 INCH WIRE LENGTH (4RT2) | SEN00867 | 1 | \$41.32 | 50\% | \$20.66 |
| SEN00897 | Trane | sensor; Wall plate temperature sensor ss w/Logo | SEN00897 | 1 | \$73.59 | 50\% | \$36.80 |
| senoogoo | Trane | Sensor; TEMP, SEALED ELEMENT | SENoogoo | 1 | \$84.77 | 50\% | \$42.39 |
| SEN00908 | Trane | SENSOR; TEMP SENSOR, OUTSIDE AIR | SENoo908 | 1 | \$89.69 | 50\% | \$44.85 |
| senoo9zo | Trane | key remote test and reset station | senoo9zo | 1 | \$90.61 | 50\% | \$45.31 |
| SENo0923 | Trane | SENSOR OUTISE AIR, 1000 OHM | SENo0923 | 1 | \$128.58 | 50\% | \$64.29 |
| SEN00935 | Trane | SENSOR; THERMISTOR, 10000 OHMS AT 25C | SENo0935 | 1 | \$195.32 | 50\% | \$97.66 |
| SENo0947 | Trane | SENSOR; TEMPERATURE CONTROL, 20-80F, SPST, 125VA, 120/208/240VAC, | SENoO947 | 1 | \$126.34 | 50\% | \$63.17 |
| Senoogsi SENOO959 | Trane Trane | SENSOR; TEMPERATURE THERMISTOR PROBE (PAIR) SENSOR; 6 " BRASS IMMERSION WELI | SENOO951 SENOO959 | 1 | \$394.26 \$105.14 | 50\% $50 \%$ | $\begin{array}{r}\$ 197.13 \\ \$ 52.57 \\ \hline\end{array}$ |
| Senoogs | Trane | SENSOR; 6" BRASS IMMERSION WELL | SEN00959 | 1 | \$105.14 | 50\% | $\$ 52.57$ $\$ 33.43$ |
| SENoo961 | Trane | CHEMICAL THERMAL WELL COMPOUND | Senoog61 SENOO974 | 1 1 | $\$ 66.85$ $\$ 105.87$ | 50\% $50 \%$ | $\$ 33.43$ $\$ 52.94$ |
| Senoog74 SEN00975 | Trane | Sensor temperature, CASING AND 32 Inch wires. | SENo0974 | 1 | \$105.87 | 50\% | \$52.94 $\mathbf{\$ 2 1 7 8 3}$ |
| SEN00975 | Trane | SENSOR LIQUID LEVEL | SENo0975 | 1 | \$435.65 | 50\% | $\$ 217.83$ |
| Senoog99 SENO1001 | Trane Trane | SENSOR; W/ 15' CAPLLARY, MIXED AIR TEMPERATURE SENSOR; WATERTIGHT THERMISTER, -40 TO 65 DEG C | SENoog99 <br> SEN01001 | 1 | $\begin{array}{r}\$ 373.45 \\ \$ 19.84 \\ \hline\end{array}$ | 50\% | \$186.73 $\$ 9.92$ |
| SENO1004 | Trane | SENSOR; REMOTE, INDOOR, FOR 1F93 T'STAT | SENOOOO1 SENO1004 | 1 | \$ $\$$ | 50\% | ( $\begin{array}{r}\text { \$9.92 } \\ \$ 26.18\end{array}$ |
| SEN01022 | Trane | SENSOR; ZONE TEMP 20 TO 120 F, OUTPUT SIGNAL 4 TO 20 MILLIAMPERES \& | SEN01022 | 1 | \$323.96 | 50\% | \$161.98 |
| Seno1023 | Trane | SENSOR; REMOTE TEMPERATURE, NOVAR ETM-3051 MODULE, ACCURACY + | SEN01023 | 1 | \$167.05 | 50\% |  |
| Seno1035 | Trane | SENSOR; THERMISTOR,-40-65C, 2.25 DIA X 1.75 LG , W/ 26 IN PVC LEADS | Sen01035 | 1 | \$19.91 | 50\% | \$9.96 |
| SEN01036 | Trane | SENSOR; HUMIDITY, 10 -99\% RELATIVE HUMIDITY, $32-125$ AMBIENT | SEN01036 | 1 | \$170.04 $\$ 162.48$ | $50 \%$ $50 \%$ | \$85.02 |
| SEN01056 | Trane | SENSOR REPLACEMENT SENSOR FOR 69070 VaCUuM GAUGE | SEN01056 | 1 | \$162.48 | 50\% | \$81.24 |
| SEN01058 | Trane | SENSOR RIT, FLOW RIIG, SIIE 4", 5", 6" | SEN01058 | 1 | \$69.98 | 50\% | \$34.99 |
| SENO1059 | Trane | SENSOR; KIT, FLOW RING, SIIE 8" | SENO1059 | 1 | \$68.87 | 50\% | \$34.44 |
| SEN01061 | Trane | SENSOR; KIT, FLOW RING, SIIE 12" | SEN01061 | 1 | \$72.41 | 50\% | \$36.21 |
| SEN01062 | Trane | SENSOR; KIT, FLOW RING, SIIE 14" | SEN01062 | 1 | \$76.29 | 50\% | \$38.15 |
| seno1064 | Trane | SENSOR KIT, flow ring, SIZE $16 \times 24$ Rectangular | seno1064 | 1 | \$133.87 | 50\% | \$66.94 |
| seno1074 | Trane | SENSOR; DIFF PRESS SENSOR SVDC | seno1074 | 1 | \$314.91 | 50\% | \$157.46 |
| seno1092 | Trane | SENSOR; CO2 DUCT SENSOR | seno1092 | 1 | \$693.67 | 50\% | \$346.84 |
| SEN01101 | Trane | SENSOR; THERMISTOR, ANTI-RREEZE UP, OP12, CP14, CP26 | SEN01101 | 1 | \$38.00 | 50\% | \$19.00 |
| SEN01107 | Trane | SENSOR; THERMISTOR, 40 TO 65 CL , 25 DIA $\times 1.75$ LENGTH, 12 In LEADS, LEA | SEN01107 | 1 | \$18.07 | 50\% | \$9.04 |
| SENO1114 | Trane | SENSOR; FLAME, NIKROTHAL 80 MATERIAL | SEN01114 | 1 | \$7.02 | 50\% | \$3.51 |
| SEN01123 | Trane | SENSOR; 1.125", AIR PROBE | seno1123 | 1 | \$42.38 | 50\% | \$21.19 |
| seno1157 | Trane | SENSOR; ASSEMBLY, COMmunicating bypass | seno1157 | 1 | \$811.34 | 50\% | \$405.67 |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. . BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated
Microprocessor-Controled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems. Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
. Itegrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc, which are Factory-Monded HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, $m$ Interface ${ }^{\text {P }}$, platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
ef Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs howers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The conract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not imited to:
A. General Purpose I, Telecommumicaion, Ners

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely us
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

|  |  |  |  | WWarranty Period - \# of year(s) after |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Lst Price | \% Disec | Nvs Net |
| Sen01159 | Trane | SENSOR; ASSEMBLY-AMBIENT | SEN01159 | 1 | \$12.97 | 50\% | \$6.49 |
| Seno1163 | Trane | Sensor tifzx heated pentode refrigerant leak detector, detects ai s | seno1163 | 1 | \$616.74 | 50\% | \$308.37 |
| seno1170 | Trane | SENSOR; AMBIENT ASSEMBLY S | seno1170 | 1 | \$15.07 | 50\% | \$7.54 |
| Seno1178 | Trane | SENSOR; 3\% DCT 4-20MA (BAYSENSO37A) | SEN01178 | 1 | \$1,123.97 | 50\% | \$561.99 |
| seno1179 | Trane | SENSOR; SENSOR, 3\% OD 4-20MA | seno1179 | 1 | \$562.34 | 50\% | \$281.17 |
| seno1184 | Trane | SENSOR LIQUID ASSEMBLY | seno1184 | 1 | \$10.38 | 50\% | \$5.19 |
| seno1198 | Trane | SENSOR; Temperature assembly 4rT4/4RT5, CABLE Length 171.00 | seno1988 | 1 | \$234.40 | 50\% | \$117.20 |
| seno1199 | Trane | SENSOR; TEMPERATURE ASSEMBLY, 4RT4/4RTS, CABLE LENGTH 155.00 | seno1199 | 1 | \$225.66 | 50\% | \$112.83 |
| seno1206 | Trane | Sensor current, enclosed, SPSt, 30VAC/DC, 4Amps | seno1206 | 1 | \$32.78 | 50\% | \$16.39 |
| SEN01212 | Trane | SENSOR; KIT, SENSING WELL, SENSOR, FROSTSTAT S | SEN01212 | 1 | \$441.79 | 50\% | \$220.90 |
| SEN01223 | Trane | SENSOR; RELATIVE HUMIDITY SENSOR, DUCT MOUNTED (ASYSTAT711A) | SEN01223 | 1 | \$636.91 | 50\% | \$318.46 |
| SEN01248 | Trane | SENSOR CURRENT SENSOR W/OUTPUT WIRE "W" - N1/P22 | SEN01248 | 1 | \$1,434.84 | 50\% | \$717.42 |
| seno1249 | Trane | SENSOR; CURRENT, ENCLOSED, WITH TERMINAL STRIP OUTPUT | seno1249 | 1 | \$32.78 | 50\% | \$16.39 |
| seno1260 | Trane | CURRENT SENSOR Enclosed Split ring fixed .75-150AMP With termina s | seno1260 | 1 | \$48.42 | 50\% | \$24.21 |
| seno1261 | Trane | CURRENT SENSOR Enclosed Split ring Adustable .75-150AMP With pr sin | SEN01261 | 1 | \$57.63 | 50\% | \$28.82 |
| seno1263 | Trane | CURRENT SENSOR SPLIT RING FIXED . $75-150 A M P$ WITH PRE-WIRED OUTPUT S | seno1263 | 1 | \$51.24 | 50\% | \$25.62 |
| Seno1265 | Trane | CURRENT SENSOR ENCLOSED SPLIT RING AdJustable . $75-150 \mathrm{AmP}$ WITH TEI S | SEN01265 | 1 | \$58.16 | 50\% | \$29.08 |
| SEN01279 | Trane | SENSOR; OUTDOOR STATIC PRESSURE TIP S | SEN01279 | 1 | \$191.00 | 50\% | \$95.50 |
| SEN01286 | Trane | SENSOR; 4" THERM DUCT/IMM TEMPERATURE | SEN01286 | 1 | \$32.69 | 50\% | \$16.35 |
| seno1288 | Trane | SENSOR; 12" THERM DUCT/IMm temperature | SEN01288 | 1 | \$104.00 | 50\% | \$52.00 |
| seno1315 | Trane | SENSOR; TRANSDUCER, LIQUID Level, Analog output | seno1315 | 1 | \$571.49 | 50\% | \$285.75 |
| seno1316 | Trane | SENSOR; INDOOR REMOTE FOR TH7000 And th8000 SERIES T'STATS, PREMI S | SEN01316 | 1 | \$50.91 | 50\% | \$25.46 |
| seno1317 | Trane | SENSOR; OUTDOOR REMOTE FOR TH7000 AND TH8000 SERIES T'STATS S | Seno1317 | 1 | \$43.63 | 50\% | \$21.82 |
| seno1338 | Trane | tube; AlR Temperature sensor ss | seno1338 | 1 | \$12.73 | 50\% | \$6.37 |
| Seno1342 | Trane | SENSOR; W/ 32 FT, TEMPERATURE MIXED AIR | SEN01342 | 1 | \$347.18 | 50\% | \$173.59 |
| SEN01343 | Trane | SENSOR $0.5-150$ Amps adjustable with terminals | SEN01343 | 1 | \$65.14 | 50\% | \$32.57 |
| seno1364 | Trane | Sensor; w/ Trane logo, fahrenheit, wirlless zone | SEN01364 | 1 | \$244.16 | 50\% | \$122.08 |
| seno1379 | Trane | SENSOR; TEMPERATURE, Return air - duct (baystatos9at) | SEN01379 | 1 | \$102.73 | 50\% | \$51.37 |
| seno1406 | Trane | Sensor temperature | seno1406 | 1 | \$173.27 | 50\% | \$86.64 |
| seno1413 | Trane | SENSOR 2\% DUCT RH\&RTD | SEN01413 | 1 | \$615.14 | 50\% | \$307.57 |
| Seno1428 | Trane | SENSOR; TEMPERATURE, WIRELESS DISPLAY, w/ TRANE LOGO, 2 -SEtpoint, sid | Seno1428 | 1 | \$327.88 | 50\% | \$163.94 |
| seno1430 | Trane | Sensor; temperature, wirless display sensor/receiver set, w/tra s | seno1430 | 1 | \$628.41 | 50\% | \$314.21 |
| SEN01442 | Trane | SENSOR; REMOTE INDOOR TEMPERATURE SENSOR, (ZZSENSALO800AAB) S | SEN01442 | 1 | \$27.81 | 50\% | \$13.91 |
| seno1448 | Trane | SENSOR; WIRED ZONE SENSOR, 10K (BAYSENSO77AA) S | seno1448 | 1 | \$47.59 | 50\% | \$23.80 |
| seno1449 | Trane | Sensor; Wired zone sensor, 10k, FAHrenheit dial, (baysenso75aA) | seno1449 | 1 | \$87.03 | 50\% | \$43.52 |
| seno1453 | Trane | SENSOR; duct temperature | seno1453 | 1 | \$59.43 | 50\% | \$29.72 |
| seno1464 | Trane | SENSOR; PRESSURE; LOW DIFFERENTIAL; 5VDC; PRESSURE INPUT: 0-5" w.c s | SEN01464 | 1 | \$64.11 | 50\% | \$32.06 |
| Seno1465 | Trane | SENSOR; PRESSURE LOW DIFFRRENTIAL, SVdC, PRESSURE INPUT, 0-5" W. C., 's | Sen01465 | 1 | \$64.11 | 50\% | \$32.06 |
| Seno1474 | Trane | SENSOR; PRESSURE, LOW DIFFERENTIAL, 5 VDC, PRESSURE INPUT S | SEN01474 | 1 | \$110.23 | 50\% | \$55.12 |
| SEN01480 | Trane | SENSOR; CURRENT, O-20 AMP S | SEN01480 | 1 | \$45.28 | 50\% | \$22.64 |
| seno1488 | Trane | SENSOR; ASSY., W/ BRACKET, FUnctional limit | seno1488 | 1 | \$68.49 | 50\% | \$34.25 |
| seno1494 | Trane | SENSOR PIPE CLAMP THERMISTOR PROBE | seno1494 | 1 | \$229.29 | 50\% | \$114.65 |
| seno1495 | Trane | SENSOR; TYPE K PIPE LLAMP PROBE | seno1495 | 1 | \$269.04 | 50\% | \$134.52 |
| seno1499 | Trane | Sensor; Vapor tension panel therm 2 -1/2" dial frnt flange 48" cap s | seno1499 | 1 | \$87.00 | 50\% | \$43.50 |
| seno1500 | Trane | Sensor; digital panel therm 2 " FRONT FLANGE 39" Cord nsf-40-120F Sels | seno1500 | 1 | \$125.00 | 50\% | \$62.50 |
| Seno1503 | Trane | SENSOR; $1 / 2^{\text {" AR/SURFACE Probe }}$ ( ${ }^{\text {a }}$ | Seno1503 | 1 | \$66.92 | 50\% | \$33.46 |
| SEN01504 | Trane | SENSOR 3-1/2" THERMISTOR PUNCTURE PROBE S | SEN01504 | 1 | \$114.00 | 50\% | \$57.00 |
| seno1513 | Trane | SENSOR; ZONE; TWO SET FAN SYSTEM (BAYSENS108AA) | seno1513 | 1 | \$224.94 | 50\% | \$112.47 |
| seno1515 | Trane | SENSOR; ZONE, SET FAN SYSTEM, COOL/OFF/HEAT (BAYSENS106A) | seno1515 | 1 | \$138.52 | 50\% | \$69.26 |
| seno1516 | Trane | SENSOR; ZONe, SEt fan system | seno1516 | 1 | \$141.53 | 50\% | \$70.77 |
| SEN01517 | Trane | SENSOR; ZONE; SET THREE SPEED FAN S | seno1517 | 1 | \$119.49 | 50\% | \$59.75 |
| seno1518 | Trane | Sensor; Zone, Set tov, three speed fan ssin | seno1518 | 1 | \$132.01 | 50\% | \$66.01 |
| Seno1519 | Trane | SENSOR, INTERFACE, SET, 3 SPEED FAN | Seno1519 | 1 | \$54.07 | 50\% | \$27.04 |
| seno1520 | Trane | SENSOR; INTERFACE, SET, 3 SPEED FAN | SEN01520 | 1 | \$55.24 | 50\% | \$27.62 |
| seno1521 | Trane | SENSOR; ZONE, SET TOV FAN | SEN01521 | 1 | \$130.07 | 50\% | \$65.04 |
| seno1522 | Trane | SENSOR; ZONE, TWO SET FAN SYSTEM, LED (BAYSENS110A) | seno1522 | 1 | \$266.36 | 50\% | \$133.18 |
| seno1523 | Trane | SENSOR; ZONE, TWO SET FAN SYSTEM, eh Led (BAYSENS109A) | seno1523 | 1 | \$244.47 | 50\% | \$122.24 |
| seno1524 | Trane | SENSOR; ZONe, SET TOV, TWO SPEED FAN S | seno1524 | 1 | \$168.91 | 50\% | \$84.46 |
| Seno1526 | Trane | SENSOR ZONE, SET SYSTEM FAN, Cool/off/heat/FAN SA | SEN01526 | 1 | \$106.29 | 50\% | \$53.15 |
| SEN01527 | Trane | SEnsor zone, Stet tov, 1 SPEED fan | SEN01527 | 1 | \$244.09 | 50\% | \$122.05 |
| SEN01528 | Trane | SENSOR; ZONE, SET FAN SYSTEM, EH LED (BAYSENS107A) | SEN01528 | 1 | \$184.70 | 50\% | \$92.35 |
| seno1543 | Trane | SENSOR; Temperature, outside air temperature | seno1543 | 1 | \$16.91 | 50\% | \$8.46 |
| seno1544 | Trane | Sensor; temperature, wirless receiver v1.5, 100Mwatts, 16 Chann s | seno1544 | 1 | \$303.99 | 50\% | \$152.00 |
| seno1553 | Trane | SENSOR; ASSEMBLY, LlQuid Level, optical s | seno1553 | 1 | \$330.83 | 50\% | \$165.42 |
| seno1560 | Trane | SENSOR; SENSOR, 5\% RM 20-4MA S | seno1560 | 1 | \$369.36 | 50\% | \$184.68 |
| SEN01561 | Trane | SENSOR; 3\% RM 4-20MA (BAYSENSO36A) S | SEN01561 | 1 | \$162.15 | 50\% | \$81.08 |
| SEN01564 | Trane | SENSOR; CO2 WALL MOUNT S | seno1564 | 1 | \$391.14 | 50\% | \$195.57 |
| SEN01565 | Trane | SENSOR; SRLL 2K7 INFRARED REFRIGERANT LEAK DETECTOR WITH FLEX EXTEN S | SEN01565 | 1 | \$643.50 | 50\% | \$321.75 |
| seno1566 | Trane | SENSOR; H10N04 REPLACEMENT PLUG-IN SENSOR FOR H10G S | seno1566 | 1 | \$203.00 | 50\% | \$101.50 |
| seno1578 | Trane | SENSOR; PROGRAMMABLE ZONE, AMERICAN STANDARD (ASYSTAT777AA) S | seno1578 | 1 | \$605.22 | 50\% | \$302.61 |
| SEN01582 | Trane | Sensor; temperature, operating range 45 to 99F (Baystato60ab) S | SEN01582 | 1 | \$70.81 | 50\% | \$35.41 |
| seno1592 | Trane | SENSOR; HUMIDTY - ACI/RH1-10K-CP-D(40-60\%) S | seno1592 | 1 | \$811.94 | 50\% | \$405.97 |
| SEN01595 | Trane | SENSOR 1\% RH, $75-95 \%$, DUCT | SEN01595 | 1 | \$787.61 | 50\% | \$393.81 |
| seno1618 | Trane | SENSOR THERMISTOR, ROOM TEMP, OP18 S | seno1618 | 1 | \$30.00 | 50\% | \$15.00 |
| seno1627 | Trane | SENSOR; REDLINK ENABLLED, OUTDOOR TEMPERATURE AND HUMIDITY TO $\ 5$ | SEN01627 | 1 | \$91.28 | 50\% | \$45.64 |
| seno1638 | Trane | SENSOR; 2OK OHM, STRAP-ON UNIVERSAL S | SEN01638 | 1 | \$32.80 | 50\% | \$16.40 |
| seno1639 | Trane | SENSOR: DUCT SMOKE DETECTOR UNIVERSAL S | seno1639 | 1 | \$228.43 | 50\% | \$114.22 |
| SEN01642 | Trane | SENSOR; 20K OHM, NTC, WALL SENSOR, NO NETWORK JACK S | SEN01642 | 1 | \$29.65 | 50\% | \$14.83 |
| SEN01643 | Trane | SENSOR; 10K OHM, NTC, WALL SENSOR, NO NETWORK JACK S | SEN01643 | 1 | \$41.39 | 50\% | \$20.70 |
| SEN01655 | Trane | SENSOR; FLOW SENSOR, THERMAL DISPERSIION, PROGRAMMABLE, SP=35 CI S | SEN01655 | 1 | \$401.96 | 50\% | \$200.98 |
| seno1686 | Trane | SENSOR; 32 FT CAPILLARY, RTD ELEMENT, 1,000 OHMS NI-FE-CII, MIXED AIR S | SEN01686 | 1 | \$336.08 | 50\% | \$168.04 |
| SEN01696 | Trane | SENSOR; 32 FT CAPILLARY, THERMISTOR ELEMENT, 10,000 OHMS TYPE II, MI S | SEN01696 | 1 | \$357.86 | 50\% | \$178.93 |
| SEN01762 | Trane | SENSOR; SUPPLY AIR S | SEN01762 | 1 | \$146.53 | 50\% | \$73.27 |
| seno1768 | Trane | SENSOR; TEMPERATURE, WIRELESS, DIGITAL DISPLAY S | seno1768 | 1 | \$313.02 | 50\% | \$156.51 |
| SEN01784 | Trane | SENSOR; SMOKE DETECTOR, PHOTOELECTRIC, UNIVERSAL VOLTAGE, DUCT A S | SEN01784 | 1 | \$225.86 | 50\% | \$112.93 |
| SEN01789 | Trane | SENSOR; SMOKE DETECTOR, PHOTOELECTRIC, UNIVERSAL VOLTAGE, WITH $=$ S | SEN01789 | 1 | \$228.43 | 50\% | \$114.22 |
| SEN01809 | Trane | SENSOR; THERMISTOR TEMPERATURE SENSOR, CLIP FOR 3/4 TUBING S | SEN01809 | 1 | \$11.68 | 50\% | \$5.84 |
| SEN01829 | Trane | SENSOR; THERMISTOR PROBE, -40 TO 65C, 25 dIA $\times 1.75$ LG W/26" PVC LEA S | seno1829 | 1 | \$64.13 | 50\% | \$32.07 |
| SEN01831 | Trane | SENSOR BULKHEAD UNION AIR PROBE S | SEN01831 | 1 | \$16.61 | 50\% | \$8.31 |
| SEN01834 | Trane | SENSOR COMBINATION TEMPERATURE \& HUMIDITY DUCT TRANSMITTER S | SEN01834 | 1 | \$440.79 | 50\% | \$220.40 |
| SEN01842 | Trane | SENSOR; LIQ LEVEL, NC, 30W, 220F, SPST, 50 PSI S | SEN01842 | 1 | \$59.43 | 50\% | \$29.72 |
| seno1956 | Trane | SENSOR ELECTRODE KANTHAL A1 S | seno1956 | 1 | \$86.52 | 50\% | \$43.26 |
| seno1962 | Trane | SENSOR; LEVEL, INPUT, PROGRAMmING REQUIRED S | seno1962 | 1 | \$130.11 | 50\% | \$65.06 |
| SENO2015 | Trane | SENSOR 4" HOOK STYLL STATIC PRESSURE TIP WITH FLANGE, STM | SENO2015 | 1 | \$18.83 | 50\% | \$9.42 |
| SEN02017 | Trane | SENSOR 8" Hook style static Pressure tip with flange | SENO2017 | 1 | \$29.48 | 50\% | \$14.74 |
| SEN02039 | Trane | SENSOR; TEMPERATURE SENSOR, FAST RESPONSE | SEN02039 | 1 | \$131.45 | 50\% | \$65.73 |
| SENO2050 | Trane | SENSOR; 1/2" THERMISTOR SURFACE PROBE W/STRETCH ELASTICR S | SENO2050 | 1 | \$86.06 | 50\% | \$43.03 |
| SEN02074 | Trane | Seno2074 S | SENO2074 | 1 | \$81.10 | 50\% | \$40.55 |
| SENo2076 | Trane | Sensor; TEMPERATURE, DISPLAY SENSOR, SETPOINT, TOV S | SENo2076 | 1 | \$271.02 | 50\% | \$135.51 |
| seno2123 | Trane | SENSOR; TEMPERATURE, MAT SENSOR S | seno2123 | 1 | \$31.04 | 50\% | \$15.52 |
| SENO2128 | Trane | SENSOR; 2.2 INCH LIQUID LEVEL, BOTTOM MOUNT, SHIPS WITH GKTO4098 SNT | SENO2128 | 1 | \$541.96 | 50\% | \$270.98 |
| SENO2129 | Trane | SENSOR; 90 MM LIQUID LEVEL, TOP MOUNT, SHIPS WITH GkTo4098 S | SENO2129 | 1 | \$975.38 | 50\% | \$487.69 |
| SEN02133 | Trane | SENSOR; TEMPERATURE SENSOR, OVERMOLDED, PROGRAMMING REQUIREI S | SEN02133 | 1 | \$87.49 | 50\% | \$43.75 |
| SEN02142 | Trane | SENSOR SPLT CORE ADJUSTABLE MINI CURRENT SWITCH S | SEN02142 | 1 | \$146.53 | 50\% | \$73.27 |
| SEP00046 | Trane | SEPARATOR; OLL ASSEMBLY 170 MM S | SEP00046 | 1 | \$6,700.18 | 50\% | \$3,350.09 |

The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Molled HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
4. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (MAP), and/or other simlar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance; and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned instalation, systems integration, or maintenace of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs howers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
B. General Purpose I, Yeceommumicaions,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' 'location in the event of a fire or emergency.

|  |  |  |  | $\begin{gathered} \text { "Warranty Period - \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54^{"} \end{gathered}$ | List Price | \% Disount | Nss Nel Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SEP00076 | Trane | SEPARATOR; LQUID, REFRIGERANT | SEP00076 | 1 | \$550.56 | 50\% | \$275.28 |
| SET00048 | Trane | SEAT; PURGE float valve part is r123 COMPATIBLE | Setooous | 1 | \$138.40 | 50\% | \$69.20 |
| SHD00124 | Trane | SHIELD;CAPACITOR SAFETY | SHD00124 | 1 | \$36.70 | 50\% | \$18.35 |
| SHD00199 | Trane | SHIEL;RAIN | SHD00199 | 1 | \$255.82 | 50\% | \$127.91 |
| SHD00245 | Trane | shield electric heat | SHD00245 | 1 | \$63.26 | 50\% | \$31.63 |
| SHD00343 | Trane | Shield; rain, barometric relief | SHD00343 | 1 | \$499.07 | 50\% | \$249.54 |
| SHD00344 | Trane | Shild; Rain, barometric relef | SHD00344 | 1 | \$508.25 | 50\% | \$254.13 |
| SHD00350 | Trane | shield; rain, r..H., barometric relief | SHDOO350 | 1 | \$363.07 | 50\% | \$181.54 |
| SHD00351 | Trane | shield; rain, l.f., barometric relief | SHD00351 | 1 | \$261.73 | 50\% | \$130.87 |
| SHD00369 | Trane | SHIEL; PL-812 PRoLINE TORCH SHELD | SHD00369 | 1 | \$66.88 | 50\% | \$33.44 |
| SHDOO393 | Trane | Shiled; (3 EA/CASE) AdJustable faceshielo, industrial grade | SHD00393 | 1 | \$25.56 | 50\% | \$12.78 |
| SHE00005 | Trane | SHEAVE 2TB60 | SHE00005 | 1 | \$218.86 | 50\% | \$109.43 |
| SHE00009 | Trane | SHEAVE 7.5-7.9 AB 1-5/8, BK-85 | SHE00009 | 1 | \$70.80 | 50\% | \$35.40 |
| SHE00060 | Trane | SHEAVE 2VP50, 7/8 Bore | SHE00060 | 1 | \$259.20 | 50\% | \$129.60 |
| SHE00154 | Trane | SHEAVE AK104, 1.191N. BORE | SHE00154 | 1 | \$143.81 | 50\% | \$71.91 |
| SHE00208 | Trane | SHEAVE; 2V82C100Q, LESS Q2 BUSHING | SHE00208 | 1 | \$2,216.34 | 50\% | \$1,108.17 |
| SHEOO226 | Trane | SHEAVE 2MVP80B94Q, LESS Q-2 | SHE00226 | 1 | \$1,934.04 | 50\% | \$967.02 |
| SHEOO228 | Trane | SHEAVEMOTOR, 2MVP85C107Q | SHE00228 | 1 | \$3,146.16 | 50\% | \$1,573.08 |
| SHE00380 | Trane | Sheave | SHE00380 | 1 | \$346.47 | 50\% | \$173.24 |
| SHEOO406 | Trane | SHEAVE 2BK130, 1-7/16 Bore | SHEOO406 | 1 | \$349.70 | 50\% | \$174.85 |
| SHEOO409 | Trane | SHEAVE 2BK140H | SHE00409 | 1 | \$451.93 | 50\% | \$225.97 |
| SHE00460 | Trane | SHEAVE 3MVP55B69, $17 / 8$ | SHE00460 | 1 | \$1,684.84 | 50\% | \$842.42 |
| SHE00501 | Trane | Sheave bk55h, LeSS h bushing | SHE00501 | 1 | \$83.13 | 50\% | \$41.57 |
| SHE00872 | Trane | Sheave ak-56H | SHE00872 | 1 | \$71.82 | 50\% | \$35.91 |
| SHE00874 | Trane | Sheave ak-61H | SHE00874 | 1 | \$75.92 | 50\% | \$37.96 |
| SHE00922 | Trane | SHeAVE Pulley, blower | SHE00922 | 1 | \$263.66 | 50\% | \$131.83 |
| SHE00977 | Trane | SHEAVE1 GROOVE,A/B-FP,BUSHED A=5.0,B=5.4,LESS SDS BUSHING | SHE00977 | 1 | \$109.16 | 50\% | \$54.58 |
| SHE01089 | Trane | SHEAVE 3 GRV-A/B-VP 1.88 Bore | SHE01089 | 1 | \$1,801.12 | 50\% | \$900.56 |
| SHE01354 | Trane | SHeAVE; 285 V 86 Less b bushing | SHE01354 | 1 | \$256.57 | 50\% | \$128.29 |
| SHE01518 | Trane | SHeave 6 GROove V-BELT BUSHED, LESS R1 BUSHING 9.15 PITCH, 9.25 Od, | SHE01518 | 1 | \$727.72 | 50\% | \$363.86 |
| SHE01657 | Trane | SHEAVE 1 GRV-A/B-FP 1.44 Bore | SHE01657 | 1 | \$196.14 | 50\% | \$98.07 |
| SHE01914 | Trane | SHEAVE 1 GRV-A-FP, 1.19 BORE, V-BELT, PD = 3--5.4, A-5.7, MAX O.D. $=6.0$, I | sHE01914 | 1 | \$89.64 | 50\% | \$44.82 |
| SHEO2074 | Trane | SHEAVE 1 GRV-A-fP. 75 Bore V-belt | SHE02074 | 1 | \$187.28 | 50\% | \$93.64 |
| SHEO2080 | Trane | Sheave 1 GrV-A-fP . 75 Bore V-belt | SHE02080 | 1 | \$172.38 | 50\% | \$86.19 |
| SHEO2640 | Trane | SHEAVE 2 GRV-A/B-FP BUSHED V-BELT - Less Q1 BUSHING | SHE02640 | 1 | \$176.42 | 50\% | \$88.21 |
| SHE02759 | Trane | SHEAVE 3 GRV-C-FP BUSHED V-BELT - Less R1 Bushing | SHE02759 | 1 | \$3,876.28 | 50\% | \$1,938.14 |
| SHE02902 | Trane | SHEAVE 2 GRV-A-FP 1.38 Bore V-belt | SHE02902 | 1 | \$169.66 | 50\% | \$84.83 |
| SHEO3088 | Trane | Sheave 3 GrV-5V-fp bushed V-belt - Less Sf bushing | SHE03088 | 1 | \$499.61 | 50\% | \$249.81 |
| SHEO3425 | Trane | SHEAVE 2 GRV-A/B-PP 1.00 Bore V -BELT | SHE03425 | 1 | \$196.54 | 50\% | \$98.27 |
| SHE03530 | Trane | SHEAVE 3 GRV-5V--fP Bushed v-belt - Less r1 bushing | SHE03530 | 1 | \$413.36 | 50\% | \$206.68 |
| SHE03947 | Trane | SHEAVE; PULLEY, 5 IN. X $1 / 2 \mathrm{IN} .(127 \mathrm{MM} \mathrm{X} 12.7 \mathrm{MM}$ ), RAM 4 , 2:1 | SHE03947 | 1 | \$36.00 | 50\% | \$18.00 |
| SHE03971 | Trane | SHEAVE; PULLEY $51 \mathrm{NX} \times 1 / 2 \mathrm{IL}$ FOR RAM-5SF | SHE03971 | 1 | \$44.00 | 50\% | \$22.00 |
| SHE03981 | Trane | SHEAVE 1VP71, $1-3 / 8 \mathrm{INCH}$ Bore | SHE03981 | 1 | \$256.66 | 50\% | \$128.33 |
| SHE04209 | Trane | SHeave; MOTOR 4.72 OD-7/8" BORE-1XA Groove (ADJustable sheave) | SHE04209 | 1 | \$175.65 | 50\% | \$87.83 |
| SHE04212 | Trane | Sheave; blower sheave | SHE04212 | 1 | \$113.16 | 50\% | \$56.58 |
| SHE04872 | Trane | SHEAVE FOR 64.00 \& 68.00 diameter, energy wheels | SHE04872 | 1 | \$80.00 | 50\% | \$40.00 |
| SHE05113 | Trane | SHEAVE AS27x7/8 | SHE05113 | 1 | \$28.11 | 50\% | \$14.06 |
| SHEO5192 | Trane | SHEAVE; 3/4IN. Bore, 2 SET SCREWS, NO KEYWAY | SHE05192 | 1 | \$113.04 | 50\% | \$56.52 |
| SHEO5205 | Trane | SHeAve As22x3/4, 1 Groove, stel, filished bore fhp | SHE05205 | 1 | \$26.00 | 50\% | \$13.00 |
| SHEO5316 | Trane | SHEAVE; 1VP75x $13 / 8$, MOTOR | SHE05316 | 1 | \$170.12 | 50\% | \$85.06 |
| SHEO5317 | Trane | SHEAVE; OD 13.25", 2AK134H, LeSS BuSHING | SHE05317 | 1 | \$140.40 | 50\% | \$70.20 |
| SHEO5320 | Trane | SHeAve; AK34, 3/4 Bore | SHE05320 | 1 | \$22.89 | 50\% | \$11.45 |
| SHEO5321 | Trane | SHeAve; AK39, 3/4 Bore | SHE05321 | 1 | \$28.11 | 50\% | \$14.06 |
| SHEO5322 | Trane | SHEAVE; 1 GRV-A-PP, 75 Bore | SHE05322 | 1 | \$34.69 | 50\% | \$17.35 |
| SHEO5325 | Trane | SHEAVE 1 GRV-A-FP 1.00 BORE V-BELT | SHE05325 | 1 | \$34.70 | 50\% | \$17.35 |
| SHEO5326 | Trane | SHEAVE; AK46, 3/4 Bore | SHE05326 | 1 | \$30.69 | 50\% | \$15.35 |
| SHE05328 | Trane | SHEAVE; 5.45 OUTSIDE DIAMETER, IIN.BORE, 5.20 \& 4.86 PITCH | SHE05328 | 1 | \$34.74 | 50\% | \$17.37 |
| SHE05329 | Trane | SHEAVE; AK64 x 3/4 3/4 BORE | SHE05329 | 1 | \$46.74 | 50\% | \$23.37 |
| SHE05330 | Trane | Sheave:AK69,1iN. Bore | SHE05330 | 1 | \$44.08 | 50\% | \$22.04 |
| SHE05332 | Trane | SHEAVE; SINGLE GROOVE, 7IN. PITCH DIA, 11N. Bore, Ak74 | SHE05332 | 1 | \$45.42 | 50\% | \$22.71 |
| SHE05334 | Trane | SHEAVE; 8.75 OUTSIDE DIAMETER, 1.00 Bore, 8.50 \& 8.16 PITCH | SHE05334 | 1 | \$60.07 | 50\% | \$30.04 |
| SHE05336 | Trane | SHEAVE; AK144, 11N. Bore | SHE05336 | 1 | \$112.17 | 50\% | \$56.09 |
| SHEO5337 | Trane | SHEAVE; AK154, 11N. BORE | SHE05337 | 1 | \$136.17 | 50\% | \$68.09 |
| SHEO5338 | Trane | Sheave bk57H, LeSS h bushing | SHE05338 | 1 | \$40.26 | 50\% | \$20.13 |
| SHEO5340 | Trane | Sheave bk65h, LeSS h bushing | SHE05340 | 1 | \$45.81 | 50\% | \$22.91 |
| SHEO5341 | Trane | Sheave; Bk67\%, less hbushing | SHE05341 | 1 | \$45.83 | 50\% | \$22.92 |
| SHEO5342 | Trane | SHEAVE Bk70H Less h bushing | SHE05342 | 1 | \$48.59 | 50\% | \$24.30 |
| SHEO5345 | Trane | SHEAVE; Bk85H | SHE05345 | 1 | \$57.44 | 50\% | \$28.72 |
| SHE05346 | Trane | Sheave; вк90н | SHE05346 | 1 | \$61.43 | 50\% | \$30.72 |
| SHEO5347 | Trane | Sheave; bk130H,1.18 Bore h bushing not included | SHE05347 | 1 | \$92.12 | 50\% | \$46.06 |
| SHEO5348 | Trane | Sheave bk140H | SHE05348 | 1 | \$104.16 | 50\% | \$52.08 |
| SHE05349 | Trane | SHeave; Bk150H | SHE05349 | 1 | \$118.02 | 50\% | \$59.01 |
| SHEO5350 | Trane | SHEAVE; BK160H | SHE05350 | 1 | \$121.53 | 50\% | \$60.77 |
| SHEO5351 | Trane | SHeave bk 190 H | SHE05351 | 1 | \$173.55 | 50\% | \$86.78 |
| SHE05352 | Trane | SHEAVE; BK57X1, 1.00 Bore | SHE05352 | 1 | \$40.55 | 50\% | \$20.28 |
| SHEO5354 | Trane | SHeAve; IINGLE GROoVE, 6.5IN. PITCH DIA, 1IN. BORE, bK72 | SHE05354 | 1 | \$53.42 | 50\% | \$26.71 |
| SHEO5355 | Trane | SHeAve; bk95, 11N. Bore | SHE05355 | 1 | \$72.22 | 50\% | \$36.11 |
| SHE05356 | Trane | SHeave; SINGLE GRoove, 12.3IN. PITCH DIA., 111. Bore, bk130 | SHE05356 | 1 | \$118.83 | 50\% | \$59.42 |
| SHE05357 | Trane | SHeAve; SIngle Groove, 13IN. PITCH DIA, 11N. Bore, | SHE05357 | 1 | \$123.54 | 50\% | \$61.77 |
| SHEO5358 | Trane | SHEAEE; B6140, 13/16IN. BORE | SHE05358 | 1 | \$122.17 | 50\% | \$61.09 |
| SHE05359 | Trane | SHEAVE 1GRV-A/B-FP 1.19 Bore | SHE05359 | 1 | \$153.56 | 50\% | \$76.78 |
| SHE05361 | Trane | SHEAVE; BK105 1-7/16 Bore | SHE05361 | 1 | \$78.80 | 50\% | \$39.40 |
| SHE05364 | Trane | Sheave; Ak61, 5/8in. bore | SHE05364 | 1 | \$37.40 | 50\% | \$18.70 |
| SHEO5366 | Trane | SHEAVE; BK190, 1-3/16 Bore | SHE05366 | 1 | \$185.65 | 50\% | \$92.83 |
| SHEO5371 | Trane | SHEAVE 2BK120, 17/16 Bore | SHE05371 | 1 | \$171.21 | 50\% | \$85.61 |
| SHE05374 | Trane | SHEAVE; 2BK70н | SHE05374 | 1 | \$90.83 | 50\% | \$45.42 |
| SHE05376 | Trane | SHEAVE; 2Bk190H | SHE05376 | 1 | \$220.35 | 50\% | \$110.18 |
| SHE05378 | Trane | SHEAVE; 1VP71, $11 / 8 \mathrm{IN}$. BORE | SHE05378 | 1 | \$117.53 | 50\% | \$58.77 |
| SHE05379 | Trane | SHEAVE; 1VP34, 1/2 Bore | SHE05379 | 1 | \$35.37 | 50\% | \$17.69 |
| SHE05380 | Trane | SHEAVE; 1VP34, $7 / 8$ Bore | SHE05380 | 1 | \$34.70 | 50\% | \$17.35 |
| SHEO5381 | Trane | SHEAVE; 1VP40, $1 / 2$ Bore | SHE05381 | 1 | \$41.02 | 50\% | \$20.51 |
| SHEO5382 | Trane | SHEAVE; 1VP40, 5/8 Bore | SHE05382 | 1 | \$34.69 | 50\% | \$17.35 |
| SHE05383 | Trane | SHEAVE; 1VP44, $5 / 8$ Bore | SHE05383 | 1 | \$38.72 | 50\% | \$19.36 |
| SHEO5384 | Trane | SHeave 1Vp44, 3/4 Bore | SHE05384 | 1 | \$42.50 | 50\% | \$21.25 |
| SHEO5385 | Trane | SHEAVE; 1VP44, 875 BORE | SHE05385 | 1 | \$53.41 | 50\% | \$26.71 |
| SHE05386 | Trane | SHEAVE; 1VP44, $11 / 8$ Bore | SHE05386 | 1 | \$52.08 | 50\% | \$26.04 |
| SHEO5387 | Trane | SHEAVE; 1VP50, 5/8 BoRE | SHE05387 | 1 | \$45.41 | 50\% | \$22.71 |
| SHEO5388 | Trane | SHEAVE; 1 1P50, 88 Bore | SHE05388 | 1 | \$64.09 | 50\% | \$32.05 |
| SHEO5389 | Trane | SHEAVE; 1VP50, 1 1/8 BORE | SHE05389 | 1 | \$64.09 | 50\% | \$32.05 |
| SHE05390 | Trane | SHEAVE; 1VP56, 7/8 BoRE | SHE05390 | 1 | \$101.42 | 50\% | \$50.71 |
| SHE05391 | Trane | SHEAVE; 1VP56,11/8 BORE | SHE05391 | 1 | \$86.82 | 50\% | \$43.41 |
| SHE05393 | Trane | SHEAVE 1VP65, 1-1/8 BORE | SHE05393 | 1 | \$113.85 | 50\% | \$56.93 |
| SHE05396 | Trane | SHEAVE; 2VP75A, 1-5/8 BORE | SHE05396 | 1 | \$288.76 | 50\% | \$144.38 |
| SHEO5399 | Trane | SHEAVE;2VP7 $7,1-3 / 8 \mathrm{IN}$. | SHE05399 | 1 | \$202.73 | 50\% | \$101.37 |
| SHEO5400 | Trane | SHEAVE; 2VP71 1 1 $5 / 8$, LESS BUSHING, 2 GRV, FOR USE WITH $15 / 8$ Shaft. | sheos400 | 1 | \$197.16 | 50\% | \$98.58 |

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1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mout HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and . commission and which are integr.
products by the authorized user.
3. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel ( platforms/systems.
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b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenance of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs howers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
A. General Purpose I, Tecommumicaion, Nerworg Caing, (e.g. phone, px, a.

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
B. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or

|  |  |  |  | "Warranty Period - \# of year(s) after |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | use $54^{" 1}$ | List Price | \% Disco | Nss N |
| SHE05403 | Trane | SHEAVE; 2VP50,1 $1 / 8 \mathrm{BORE}$ | SHE05403 | 1 | \$115.27 | 50\% | \$57.64 |
| SHEO5405 | Trane | SHEAVE 2VP60, $11 / 8$ BORE | SHE05405 | , | \$173.54 | 50\% | \$86.77 |
| SHEO5406 | Trane | SHEAVE; 2VP60, $13 / 8$ BORE | SHE05406 | 1 | \$166.93 | 50\% | \$88.47 |
| SHEO5407 | Trane | SHEAVE; 2VP62,13/8 BORE | SHE05407 | 1 | \$173.54 | 50\% | \$86.77 |
| SHEO5408 | Trane | SHEAVE 2VP65, $13 / 8$ BORE S | SHE05408 | 1 | \$186.05 | 50\% | \$93.03 |
| SHEO5409 | Trane | Sheave; 11.75 diameter, A/B COMbination, h bushed, busoor30, bki2 S S | SHE05409 | 1 | \$82.81 | 50\% | \$41.41 |
| SHEO5410 | Trane | SHEAVE;AK79,11N. BORE | SHe05410 | 1 | \$52.05 | 50\% | \$26.03 |
| SHE05411 | Trane | SHEAVE; 5.95 OUTSIDE DIAMETER, 1IN.BORE, 5.70 \& 5.36 PITCH | SHE05411 | 1 | \$37.39 | 50\% | \$18.70 |
| SHEO5412 | Trane | Sheave; AK64 X 1 | SHE05412 | 1 | \$41.40 | 50\% | \$20.70 |
| SHE05413 | Trane | SHEAVE; AK59 $\times 1$ | SHE05413 | 1 | \$37.36 | 50\% | \$18.68 |
| SHE05419 | Trane | SHEAVE; BK100 17/16 | SHE05419 | 1 | \$73.60 | 50\% | \$36.80 |
| SHEO5446 | Trane | SHEAVE 2 GRV-VP PD $=4.7 / 5.7$ 4.8/6.0 MAX O.D. $=6.50 \mathrm{MAX}$ WIDTH $=3.7 \mathrm{~T}$ S S | SHE05446 | 1 | \$177.62 | 50\% | \$88.81 |
| SHEO5452 | Trane | SHEAVE 2BK62H | SHE05452 | 1 | \$77.21 | 50\% | \$38.61 |
| SHEO5458 | Trane | SHEAVE; 2TC160 | SHE05458 | 1 | \$535.46 | 50\% | \$267.73 |
| SHEO5461 | Trane | SHEAVE 2TC200 | SHE05461 | 1 | \$835.98 | 50\% | \$417.99 |
| SHE05462 | Trane | Sheave 2bkilo 17/16Bore | SHE05462 | 1 | \$138.87 | 50\% | \$69.44 |
| SHE05469 | Trane | Sheave; Ak94 1.191N. Bore | SHE05469 | 1 | \$47.59 | 50\% | \$23.80 |
| SHE05482 | Trane | SHEAVE; BK115H | SHE05482 | 1 | \$77.44 | 50\% | \$38.72 |
| SHEO5483 | Trane | SHEAVE; BK $19017 / 16$ BORE | SHE05483 | 1 | \$176.28 | 50\% | \$88.14 |
| SHEO5486 | Trane | SHEAVE 2BK190 17/16 BORE | SHE05486 | 1 | \$272.44 | 50\% | \$136.22 |
| SHEO5490 | Trane | SHEAVE зTB300 | SHE05490 | 1 | \$864.83 | 50\% | \$432.42 |
| SHEO5492 | Trane | SHEAVEFAN 2AK104 1-7/16 Bore | SHE05492 | 1 | \$103.75 | 50\% | \$51.88 |
| SHE05494 | Trane | Sheave 2ak84 $17 / 16$ bore | SHE05494 | 1 | \$104.16 | 50\% | \$52.08 |
| SHE05506 | Trane | SHEAVE;2Bk90н | SHE05506 | 1 | \$106.83 | 50\% | \$53.42 |
| SHEO5527 | Trane | Sheave ak39 .941N. bore | SHE05527 | 1 | \$23.84 | 50\% | \$11.92 |
| SHEO5529 | Trane | SHEAVE; BK47H, LESS H BUSHING | SHE05529 | 1 | \$34.70 | 50\% | \$17.35 |
| SHE05535 | Trane | SHEAVE; AK56 1-3/16 BORE | SHE05535 | 1 | \$32.51 | 50\% | \$16.26 |
| SHEO5538 | Trane | Sheave akgeh less hbushing | SHE05538 | 1 | \$39.40 | 50\% | \$19.70 |
| SHE05539 | Trane | Sheave ak71H Less hbushing | SHE05539 | 1 | \$41.36 | 50\% | \$20.68 |
| SHE05542 | Trane | SHEAVE; Bk80H | SHE05542 | 1 | \$52.12 | 50\% | \$26.06 |
| SHE05547 | Trane | SHeave bkilo 1.441N. bore | SHE05547 | 1 | \$81.50 | 50\% | \$40.75 |
| SHE05548 | Trane | SHEAVE;BK110H | SHE05548 | 1 | \$82.14 | 50\% | \$41.07 |
| SHEO5558 | Trane | SHEAVE 1 VP60 $\times 15 / 8$ Less bushing 1 GRV For USE WITH $15 / 8$ Shaft | SHE05558 | 1 | \$111.99 | 50\% | \$56.00 |
| SHEO5559 | Trane | SHEAVE 1 VP71 1 15/8 LESS BUSHING 1 GRV FOR USE WITH $15 / 8$ SHAFT | SHE05559 | 1 | \$188.30 | 50\% | \$94.15 |
| SHE05563 | Trane | SHEAVE; 2 TB124 | SHE05563 | 1 | \$186.96 | 50\% | \$93.48 |
| SHE05573 | Trane | SHEAVE;2Bk100H | SHE05573 | 1 | \$127.76 | 50\% | \$63.88 |
| SHE05583 | Trane | Sheave 3 TB80 | SHE05583 | 1 | \$160.75 | 50\% | \$80.38 |
| SHEO5591 | Trane | Sheave ak26 5/8 | SHE05591 | 1 | \$14.73 | 50\% | \$7.37 |
| SHE05593 | Trane | Sheave bk34H | SHE05593 | 1 | \$26.68 | 50\% | \$13.34 |
| SHEO5596 | Trane | SHEAVE; BK100Н | SHE05596 | 1 | \$68.14 | 50\% | \$34.07 |
| SHEO5604 | Trane | SHEAVE 5V212-2 | SHE05604 | 1 | \$604.34 | 50\% | \$302.17 |
| SHEO5611 | Trane | SHEAVE 22V550SDS | SHE05611 | 1 | \$141.30 | 50\% | \$70.65 |
| SHE05633 | Trane | SHEAVE 1B136SDS--0.D. $=13.95, \mathrm{~S}$ SECTION,1 Grooves, sDS BUSHING, CAST S | SHE05633 | 1 | \$177.60 | 50\% | \$88.80 |
| SHE05635 | Trane | Sheave; 2ak84 1 Bore | SHE05635 | 1 | \$108.84 | 50\% | \$54.42 |
| SHEO5647 | Trane | Sheave akrat Less hbushing | SHE05647 | 1 | \$66.83 | 50\% | \$33.42 |
| SHE05648 | Trane | Sheave ak-94H | SHE05648 | 1 | \$58.78 | 50\% | \$29.39 |
| SHEO5668 | Trane | SHEAVE 3.45 OUTSIDE DIAMETER 1/2IN.BORE $3.20 \& 2.86$ PITCH | SHE05668 | 1 | \$43.17 | 50\% | \$21.59 |
| SHE05682 | Trane | Sheave ak-46 $\times 11 / 8$ | SHE05682 | 1 | \$30.40 | 50\% | \$15.20 |
| SHEO5685 | Trane | SHEAVE; AK-59 5 /8 | SHE05685 | 1 | \$33.02 | 50\% | \$16.51 |
| SHE05689 | Trane | SHEAVE 2tB-54 | SHE05689 | 1 | \$111.45 | 50\% | \$55.73 |
| SHEO5690 | Trane | SHEAVE 2TB-62 | SHE05690 | 1 | \$123.56 | 50\% | \$61.78 |
| SHE05703 | Trane | SHEAVE; BK60 13/16IN. O.D. | SHE05703 | 1 | \$38.09 | 50\% | \$19.05 |
| SHE05705 | Trane | SHEAVE BK70 15/16IN. O.D. | SHE05705 | 1 | \$49.44 | 50\% | \$24.72 |
| SHEO5713 | Trane | SHEAVE 1 GRV-A/B-FP 1.38 BORE 7.0 O.D. $\times 1.62$ | SHE05713 | 1 | \$64.09 | 50\% | \$32.05 |
| SHEO5714 | Trane | SHEAVE 1 GRV-A/B-FP 1.38 BORE 7.8 O.D. 1.62 WIDE | SHE05714 | 1 | \$66.82 | 50\% | \$33.41 |
| SHE05717 | Trane | SHEAVE; 1 GRV-A/B-FP, 1.38 BORE, 8.8 O.D. X 1.53 WIDE | SHE05717 | 1 | \$84.15 | 50\% | \$42.08 |
| SHEO5718 | Trane | SHEAVE 1 GRV-A/B-FP, 1.38 BORE, 9.3 O.D. $\times 1.53$ WIDE | SHE05718 | 1 | \$90.82 | 50\% | \$45.41 |
| SHE05719 | Trane | SHEAVE 1 GRV-A/B-FP, 1.38 BoRE, 9.8 O.D. $\times 1.62$ WIDE | SHE05719 | 1 | \$93.53 | 50\% | \$46.77 |
| SHEO5722 | Trane | SHEAVE AK124 12.25 OS LG X 11.66 PITCH Ster | SHE05722 | 1 | \$87.23 | 50\% | \$43.62 |
| SHE05723 | Trane | SHEAVE; 1VP71X $13 / 8$ | SHE05723 | 1 | \$116.19 | 50\% | \$58.10 |
| SHEO5726 | Trane | SHEAVE; 1 GRV-A-FP . 75 Bore V-bELT AK51 3 3/4 FAN S | SHE05726 | 1 | \$33.40 | 50\% | \$16.70 |
| SHE05735 | Trane | SHEAVE 4 GRV-3V-FP V-BELT LESS SDS BUSHING PD=5.55 MAX OD=5.60 MA> S | SHE05735 | 1 | \$93.01 | 50\% | \$46.51 |
| SHE05753 | Trane | SHEAVE 1 GRV-A-FP 1.00 BORE S | SHE05753 | 1 | \$41.07 | 50\% | \$20.54 |
| SHEO5755 | Trane | SHEAVE 1 GrV-A-PP 1.12 Bore | SHE05755 | 1 | \$34.73 | 50\% | \$17.37 |
| SHE05759 | Trane | Sheave 1 GRV-A/B-fb bushed V-belt | SHE05759 | 1 | \$58.15 | 50\% | \$29.08 |
| SHEO5798 | Trane | SHEAVE; 1 GRV-A-FP . 75 BORE V-BELT | SHE05798 | 1 | \$36.64 | 50\% | \$18.32 |
| SHE05799 | Trane | Sheave 1 GrV-A-fP 1.12 bore v-belt | SHE05799 | 1 | \$36.78 | 50\% | \$18.39 |
| SHEO5801 | Trane | SHEAVE 1 GRV-A-PP 1.44 BORE V-BELT | SHE05801 | 1 | \$71.33 | 50\% | \$35.67 |
| SHE05806 | Trane | SHEAVE 1 GRV-A-FP . 75 BORE V-BELT | SHE05806 | 1 | \$52.05 | 50\% | \$26.03 |
| SHE05807 | Trane | SHEAVE; 1 GRV-A-FP . 75 BORE V-BELT | SHE05807 | 1 | \$61.63 | 50\% | \$30.82 |
| SHEO5810 | Trane | SHEAVE; 1 GRV-A-PP 1.00 BORE V-BELT | SHE05810 | 1 | \$64.80 | 50\% | \$32.40 |
| SHE05812 | Trane | Sheave 1 GRV-A-FP 1.00 bore V-belt | SHE05812 | 1 | \$70.08 | 50\% | \$35.04 |
| SHEO5815 | Trane | SHEAVE 1 GRV-A/B-FP 1.00 Bore V-BELT | SHE05815 | 1 | \$32.72 | 50\% | \$16.36 |
| SHEO5840 | Trane | SHEAVE 1 GRV-A/B-FP 1.00 Bore V-belt | SHE05840 | 1 | \$55.53 | 50\% | \$27.77 |
| SHEO5872 | Trane | SHEAVE 2 GRV-A-FP BUSHED V-BELT - Less h bushing | SHE05872 | 1 | \$119.77 | 50\% | \$59.89 |
| SHEO5890 | Trane | SHEAVE 4 GrV-3V-FP BuShed v-belt - Less sk bushing | SHE05890 | 1 | \$180.96 | 50\% | \$90.48 |
| SHE05898 | Trane | SHEAVE 5 GRV-5V-FP BUSHED V-BELT - Less E BUSHING | SHE05898 | 1 | \$317.68 | 50\% | \$158.84 |
| SHEO5918 | Trane | SHEAVE 2 GrV-A/B-FP 1.38 Bore V-belt | SHE05918 | 1 | \$66.28 | 50\% | \$33.14 |
| SHEO5925 | Trane | SHEAVE; MOTOR SHe | SHE05925 | 1 | \$14.00 | 50\% | \$7.00 |
| SHEO5932 | Trane | ${ }^{\text {SHEAVE AS30 }}$ 1 1 | SHE05932 | 1 | \$20.51 | 50\% | \$10.26 |
| SHEO5936 | Trane | Sheave as $2 \times \times 1$ | SHE05936 | 1 | \$19.10 | 50\% | \$9.55 |
| SHEO5938 | Trane | SHEAVE; 1VP34, 5/8 BORE | SHE05938 | 1 | \$34.70 | 50\% | \$17.35 |
| SHE05939 | Trane | SHEAVE; 1VP40, 875 Bore | SHE05939 | 1 | \$37.88 | 50\% | \$18.94 |
| SHEO5942 | Trane | Sheave Aki24, 11N. Bore | SHE05942 | 1 | \$87.45 | 50\% | \$43.73 |
| SHEO5945 | Trane | SHEAVE 1VP62 7/8 | SHE05945 | 1 | \$103.45 | 50\% | \$51.73 |
| SHE06073 | Trane | SHEAVE 2 GRV-A.-FP 1.38 BORE 6.3 O.D. 1.8 WIDE SHe | SHE06073 | 1 | \$100.08 | 50\% | \$50.04 |
| SHEO6079 | Trane | SHEAVE 2 GRV-A-FP 1.12 BRER | SHEO6079 | 1 | \$48.45 | 50\% | \$24.23 |
| SHE06141 | Trane | SHEAVE; 2PDB5V42 LESS P1 BUSHING S | SHE06141 | 1 | \$77.58 | 50\% | \$38.79 |
| SHE06178 | Trane | SHEAVE 1PDB5V110 Less B BuSHING | SHE06178 | 1 | \$128.89 | 50\% | \$64.45 |
| SHE06179 | Trane | SHEAVE 1PDB5V124 Less b bushing | SHE06179 | 1 | \$136.31 | 50\% | \$68.16 |
| SHE06184 | Trane | SHEAVE 1PDBSV44 Less P1 BuSHING | SHE06184 | 1 | \$51.17 | 50\% | \$25.59 |
| SHE06194 | Trane | SHEAVE 1PDB5V66 Less b bushing | SHE06194 | 1 | \$105.03 | 50\% | \$52.52 |
| SHE06195 | Trane | SHEAVE; 1PDB5V70 Less b bushing | SHE06195 | 1 | \$90.69 | 50\% | \$45.35 |
| SHEO6197 | Trane | SHEAAE; 2PDBSEV136 LESS B BUSHING | SHE06197 | 1 | \$230.33 | 50\% | \$115.17 |
| SHEO6207 | Trane | SHEAVE; 2PDBEVV50 LESS B BUSHING S | SHEO6207 | 1 | \$94.26 | 50\% | \$47.13 |
| SHEO6212 | Trane | SHEAVE; 2 PDBSVV80 LLESS B BUSHING | SHE06212 | 1 | \$142.00 | 50\% | \$71.00 |
| SHEO6213 | Trane | SHEAVE; 2PDB5V90 LESS B BUSHING | SHE06213 | 1 | \$147.98 | 50\% | \$73.99 |
| SHE06214 | Trane | SHEAVE; 3PDB5V110 Less b bushing | SHE06214 | 1 | \$221.97 | 50\% | \$110.99 |
| SHE06220 | Trane | SHEAVE; 1PDB5V80 Less b bushing | SHE06220 | 1 | \$102.61 | 50\% | \$51.31 |
| SHE06232 | Trane | SHEAVE 3PDB5V70 Less b bushing | SHE06232 | 1 | \$150.93 | 50\% | \$75.47 |
| SHEO6233 | Trane | SHEAVE 3PDBSEV74 LESS B BUSHING | SHH06233 | 1 | \$154.43 | 50\% | \$77.22 |
| SHEO6250 | Trane | SHEAVE 4PDB5V68 LESS B buShing | SHE06250 | 1 | \$172.52 | 50\% | \$86.26 |
| SHE06254 | Trane | SHEAVE 4PDBSV886 LESS B BUSHING | SHE06254 | 1 | \$217.00 | 50\% | \$108.50 |
| SHE06275 | Trane | SHEAVE; 2PDBSV110 Less b buShing | SHE06275 | 1 | \$188.56 | 50\% | \$94.28 |
| SHE06286 | Trane | SHEAVE; 2PDB5V56 LESS b BUSHING | SHE06286 | 1 | \$103.83 | 50\% | \$51.92 |

The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. . BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated
Microprocessor-Controled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems. Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain pocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or mainten

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not imited to

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

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| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | uired by Appendix B, | Lst Price | \% Discol | NYs |
| SHE06287 | Trane | SHEAVE; 2PDBSV60 LESS B BUSHING SHE06287 | 1 | \$109.78 | 50\% | \$54.89 |
| SHE06290 | Trane | SHEAVE; 2PDBSV68 LESS B BUSHING SHE06290 | 1 | \$118.84 | 50\% | \$59.42 |
| SHE06292 | Trane | SHEAVE; 2PDBSV94 LESS B BUSHING SHE06292 | 1 | \$151.57 | 50\% | \$75.79 |
| SHE06294 | Trane | SHEAVE 1PDB5V90 LESS B BUSHING SHE06294 | 1 | \$179.51 | 50\% | \$89.76 |
| SHF00039 | Trane | SHAFtFAN, SOLID, $765 / 16 \mathrm{IN}$. LON $\times 23 / 16 \mathrm{IN}$. Center diameter $\times 13 / 11$ SHFo0039 | 1 | \$2,737.15 | 50\% | \$1,368.58 |
| SHF00042 | Trane | SHAFtFAN, SOLID, $1241 / 4 \mathrm{IN}$. LONG $\times 31 / 2 \mathrm{IN}$. CENTER DIAMETER $\times 13 / 41$ ISHFOOO42 | 1 | \$4,702.02 | 50\% | \$2,351.01 |
| SHF00059 | Trane | SHAFT;FAN, SOLI, $395 / 8 \mathrm{IN}$. LONG X $13 / 16 \mathrm{IN}$. DIAMETER SHFOOO59 | 1 | \$275.45 | 50\% | \$137.73 |
| SHFo0075 | Trane | SHAFt FAN, SOLI, $231 / 2 \mathrm{IN}$. LONG $\times 15 / 16 \mathrm{IN}$. DIAMETER SHFOOO75 | 1 | \$423.57 | 50\% | \$211.79 |
| SHFo0083 | Trane | SHAFT;FAN, SOLID, $301 / 2 \mathrm{IN}$. LONG $\times 15 / 16 \mathrm{IN}$. DIAMETER SHFOOO83 | 1 | \$241.29 | 50\% | \$120.65 |
| SHFooog2 | Trane | SHAFT; FAN, SOLID, $243 / 16 \mathrm{IN}$. LONG X $3 / 4 \mathrm{IIN}$. DIAMETER SHFOOO92 | 1 | \$356.15 | 50\% | \$178.08 |
| SHFool01 | Trane | SHAFT; FAN, SOLID, $271 / 4 \mathrm{IN}$. LONG $\times 1$ IN. DIAMETER SHF00101 | 1 | \$595.91 | 50\% | \$297.96 |
| SHF00110 | Trane | SHAFT FAN, 18 IN. LONG X $3 / 4 \mathrm{IN}$. DIAMETER SHF00110 | 1 | \$224.40 | 50\% | \$112.20 |
| SHF00122 | Trane | SHAFT; FAN, SOLID, 24 IN. LONG X $13 / 16 \mathrm{IN}$. DIAMETER SHF00122 | 1 | \$287.57 | 50\% | \$143.79 |
| SHF00123 | Trane | SHAFT; FAN, SOLID, 29 3/4 IN. LONG X $13 / 16$ IN. DIAMETER SHFOO123 | 1 | \$199.31 | 50\% | \$99.66 |
| shfool31 | Trane | Shaft fan, swaged, 74 IN. Long $\times 2$ IN. Center x 0.9375 IN . both ends Shfool31 | 1 | \$1,467.60 | 50\% | \$733.80 |
| shfool36 | Trane | SHAFt FAN, SOLI, 20 IN. LONG X 1 IN. DIAMETER SHFOO136 | 1 | \$776.68 | 50\% | \$388.34 |
| SHF00139 | Trane | SHAFt FAN, SOLID, $243 / 4 \mathrm{IN}$. LONG $\times 13 / 16 \mathrm{IN}$. DIAMETER SHF00139 | 1 | \$563.02 | 50\% | \$281.51 |
| SHFo0150 | Trane | SHAFTFAN, SOLID, 55 IN . LONG X $15 / 16 \mathrm{IN}$. DIAMETER SHFO0150 | 1 | \$261.64 | 50\% | \$130.82 |
| SHFools5 | Trane | SHAFT; FAN, SWAGED, $963 / 4 \mathrm{IIN}$. LoNG X 4 IN. CENTER DIAMETER $\times 17 / 16 \\|$ SHF00155 | 1 | \$2,616.99 | 50\% | \$1,308.50 |
| SHF00156 | Trane | SHAFT; FAN, SWAGED, $1143 / 4 \mathrm{IN}$. Long $311 / 2 \mathrm{IN}$. Center diameter x 17 SHFO0156 | 1 | \$2,770.39 | 50\% | \$1,385.20 |
| SHF00158 | Trane | SHAFT; FAN, SWAGED, 120.75 LONG X 4.00 CENTER DIAMETER $\times 1.4375$ BOT SHFO0158 | 1 | \$2,785.19 | 50\% | \$1,392.60 |
| SHF00163 | Trane | SHAFT;FAN, SOLİ, 38 IN. LONG X $13 / 16 \mathrm{IN}$. DIAMETER SHFO0163 | 1 | \$308.51 | 50\% | \$154.26 |
| shfool67 | Trane | Shaft; fan, swaged, 66 3/4in. Long X 3 IN. Center X $17 / 16 \mathrm{IN}$. both en shfool6 | 1 | \$2,022.86 | 50\% | \$1,011.43 |
| SHFo0172 | Trane | SHAFT;FAN, SOLID, 38 IN. LONG X $15 / 16 \mathrm{IN}$. DIAMETER SHFO0172 | 1 | \$246.82 | 50\% | \$123.41 |
| SHF00173 | Trane | SHAFT; 59.50 LoNG $\times 1.50$ Center diameter x $15 / 16 \mathrm{IN}$. Both ends, SWA Shfooil3 | 1 | \$1,313.04 | 50\% | \$656.52 |
| SHF00175 | Trane |  | 1 | \$289.99 | 50\% | \$145.00 |
| SHF00176 | Trane | SHAFt FAN, SWAGED, $897 / 8 \mathrm{IN}$. LONG X 3 IN. Center diameter X $11 / 4 \mathrm{IN}$. SHF00176 | 1 | \$2,718.36 | 50\% | \$1,359.18 |
| SHF00202 | Trane | SHAFtFAN, SOLID, $211 / 4 \mathrm{IN}$ LONG 5 /88 IN. DIAMETER SHF00202 | 1 | \$208.44 | 50\% | \$104.22 |
| SHF00203 | Trane |  | 1 | \$437.88 | 50\% | \$218.94 |
| SHFo0213 | Trane | SHAFT; FAN, SOLID, 48 IN. LONG X1 1 IN . DIAMETER SHFOO213 | 1 | \$628.05 | 50\% | \$314.03 |
| SHFOO225 | Trane |  | 1 | \$2,382.49 | 50\% | \$1,191.25 |
| SHFoo241 | Trane |  | 1 | \$2,023.04 | 50\% | \$1,011.52 |
| SHF00287 | Trane | SHAFT; FAN, HOLLOW, $401 / 4 \mathrm{IN}$. LONG X $11 / 4 \mathrm{IN}$. DIAMETER SHF00287 | 1 | \$251.62 | 50\% | \$125.81 |
| SHF00289 | Trane | SHAFT;FAN, 57 IN. LONG X $11 / 4 \mathrm{I}$ IN. DIAMETER SHF00289 | 1 | \$198.54 | 50\% | \$99.27 |
| SHFOO290 | Trane | SHAFt;FAN, HoLLow, 69 IN. LONG X11/4 IN. DIAMETER SHFOO290 | 1 | \$327.91 | 50\% | \$163.96 |
| SHFOO352 | Trane | SHAFT; FAN, SOLID, 50 IN. LONG X $13 / 16 \mathrm{IN}$. DIAMETER SHFOO352 | 1 | \$855.64 | 50\% | \$427.82 |
| SHFoo353 | Trane | SHAFT; FAN, SOLID, $543 / 4 \mathrm{IIN}$. LONG $\times 13 / 16 \mathrm{IN}$. DIAMETER SHFOO353 | 1 | \$744.60 | 50\% | \$372.30 |
| SHF00376 | Trane | SHAFT; FAN, SOLID, $227 / 8 \mathrm{IN}$. LONG X $15 / 16 \mathrm{IN}$. DIAMETER SHFOO376 | 1 | \$543.31 | 50\% | \$271.66 |
| SHFö389 | Trane | SHAFT FAN, SOLID, $431 / 8 \mathrm{IN}$. LONG $\times 17 / 16 \mathrm{IN}$. DIAMETER SHFOO389 | 1 | \$1,108.67 | 50\% | \$554.34 |
| SHFOO416 | Trane | SHAFT FAN, STUB \& TUBE, 941 IN. LONG $\times 5$ IN. CENTER DIAMETER X END 11 1: SHFO0416 | 1 | \$4,875.34 | 50\% | \$2,437.67 |
| SHFOO419 | Trane | SHAFT; ABSORPTION PUMP SHF00419 | 1 | \$4,822.71 | 50\% | \$2,411.36 |
| SHFO0427 | Trane | SHAFT;FAN, SOLI, $373 / 4 \mathrm{IN}$. LONG X 1 IN. DIAMETER SHFO0427 | 1 | \$182.78 | 50\% | \$91.39 |
| SHFO0428 | Trane | SHAFT;FAN, SOLI, $461 / 8 \mathrm{IN}$. LONG X 1 IN. DIAMETER SHFOO428 | 1 | \$149.72 | 50\% | \$74.86 |
| shfoo462 | Trane | Shaft fan, 65 IN. Long X $13 / 4 \mathrm{I}$ IN. Center diameter X $15 / 16 \mathrm{IN}$. both en shfoou62 | 1 | \$475.08 | 50\% | \$237.54 |
| ${ }_{\text {SHFOO522 }}$ | Trane | SHAFTTAN, $761 / 2 \mathrm{IN}$. LONG $21515 / 16$ IN. CENTER DIAMETER X END $215 / 16$ ISHFOO522 | 1 | \$2,399.06 | 50\% | \$1,199.53 |
| SHFo0597 | Trane | SHAFTFAN, SOLID, $331 / 2 \mathrm{IN}$. LONG $\times 13 / 16 \mathrm{IN}$. DIAMETER SHFOO597 | 1 | \$182.78 | 50\% | \$91.39 |
| SHF00605 | Trane | SHAFT; FAN, 60 IN. LONG $\times 1$ 11/16 in. Center diameter x $13 / 16$ IN. BOTH SHFOO605 | 1 | \$901.65 | 50\% | \$450.83 |
| SHF00606 | Trane | SHAFT;FAN, 60 IN . LONG X $111 / 16 \mathrm{IN}$. CENTER DIAMETER X $17 / 16 \mathrm{iN}$. BOTH SHFO0606 | 1 | \$866.50 | 50\% | \$433.25 |
| SHF00613 | Trane | SHAFT; FAN, SOLID, 31 IN. LONG X1 1 IN . DIAMETER SHF00613 | 1 | \$246.82 | 50\% | \$123.41 |
| shfoorl4 | Trane | SHAFTFFAN, SOLİ, $351 / 2 \mathrm{IN}$. LONG X 1 IN. DIAMETER SHFOO614 | 1 | \$199.31 | 50\% | \$99.66 |
| shfoo616 | Trane | Shaft; FAn, Qfan, $731 / 4 \mathrm{iN}$. Long $\times 27 / 16 \mathrm{IN}$. Center diameter $\times 1$ 15/ SHFOO616 | 1 | \$1,060.80 | 50\% | \$530.40 |
| SHFo0627 | Trane | SHAFT;FAN, SOLI, $331 / 2 \mathrm{IN}$. LONG $\times 13 / 16 \mathrm{IN}$ DIAMETER SHFOO627 | 1 | \$199.31 | 50\% | \$99.66 |
| SHF00652 | Trane | SHAFTFAN, SOLID, $24 / 4 / 4 \mathrm{IN}$. LONG X13/16 IN. DIAMETER SHFOO652 | 1 | \$1,019.08 | 50\% | \$509.54 |
| SHF00660 | Trane | SHAFT; FAN, SWAGED, $655 / 8 \mathrm{IN}$. LONG X 2 IN. CENTER DIAMETER $\times 13 / 16 \\|$ SHFOO660 | 1 | \$1,653.37 | 50\% | \$826.69 |
| SHF00661 | Trane | SHAFT; FAN, SWAGED, $595 / 8 \mathrm{IN}$. LONG X 2 IN. CENTER DIAMETER $\times 13 / 16 \\|$ SHF00661 | 1 | \$805.90 | 50\% | \$402.95 |
| SHF00662 | Trane | SHAFT; FAN, SWAGED, $745 / 8 \mathrm{IN}$. LONG X 2 IN. Center diameter $\times 13 / 1611$ SHF00662 | 1 | \$629.71 | 50\% | \$314.86 |
| shFo0663 | Trane | SHAFT; FAN, SWAGED, $963 / 4 \mathrm{IN}$. LONG $\times 3$ IN. CENTER DIAMETER $\times 17 / 16$ ISHF00663 | 1 | \$2,538.73 | 50\% | \$1,269.37 |
| shfoo664 | Trane | SHAFT; FAN, SWAGED, $655 / 8 \mathrm{IN}$. LONG X 2 IN. Center diameter $\times 13 / 16$ IISHFOO664 | 1 | \$1,726.84 | 50\% | \$863.42 |
| SHF00665 | Trane | SHAFT; FAN, SWAGED, $505 / 8 \mathrm{IN}$. LONG X 2 IN. CENTER DIAMETER $\times 13 / 16 \mid$ ISHFOO665 | 1 | \$1,240.11 | 50\% | \$620.06 |
| SHF00666 | Trane | SHAFT; FAN, SWAGED, 60 3/4 IN. LONG X 3 IN. CENTER DIAMETER $\times 17 / 16 \\|$ SHFOO666 | 1 | \$1,974.63 | 50\% | \$987.32 |
| SHFoo667 | Trane | SHAFTFAN, HOLLOW, 30 IN. LONG $\mathrm{X} 11 / 4 \mathrm{IN}$. DIAMETER SHFOO667 | 1 | \$118.32 | 50\% | \$59.16 |
| SHF00668 | Trane | SHAFt FAN, HoLlow, $431 / 4 \mathrm{IN}$. LONG X $11 / 4 \mathrm{IIN}$. DIAMETER SHF00668 | 1 | \$193.24 | 50\% | \$96.62 |
| shFo0669 | Trane | SHAFt;FAN, HoLLow, $491 / 2 \mathrm{IN}$. LONG $\times 11 / 4 \mathrm{IN}$. DIAMETER SHF00669 | 1 | \$165.74 | 50\% | \$82.87 |
| SHF00670 | Trane | SHAFT; FAN, HoLlow, $611 / 2 \mathrm{IN}$. LONG X $11 / 4 \mathrm{IN}$. DIAMETER SHF00670 | 1 | \$174.04 | 50\% | \$87.02 |
| SHF00673 | Trane | SHAFT; FAN, STUB \& TUBE, 120 7/16 IN. LONG X 5.485 IN. CENTER DIAMETES SHFOO673 | 1 | \$7,343.17 | 50\% | \$3,671.59 |
| shfoo674 | Trane | SHAFT; FAN, STUB \& TUBE, $1237 / 16 \mathrm{IN}$. LONG X 5.485 IN . CENTER DIAMETES SHFOO674 | 1 | \$7,188.52 | 50\% | \$3,594.26 |
| SHF00675 | Trane | SHAFT; FAN, STUB \& TUBE, $1237 / 16 \mathrm{IN}$. LONG X 5.485 IN . CENTER DIAMETES SHFOO675 | 1 | \$7,353.42 | 50\% | \$3,676.71 |
| SHF00676 | Trane | SHAFT; FAN, STUB \& TUBE, 123 7/16 IN. LONG X 5.485 IN . CENTER DIAMETEF SHFO0676 | 1 | \$7,576.74 | 50\% | \$3,788.37 |
| SHF00678 | Trane | SHAFT; FAN, STUB \& TUBE, $11413 / 16 \mathrm{IN}$. LONG $\times 5$ IN. Center diameter $\times$ SHF00678 | 1 | \$2,950.80 | 50\% | \$1,475.40 |
| SHF00679 | Trane | SHAFT; FAN, STUB \& TUBE, $1211 / 8 \mathrm{IN}$. LONG $\times 5$ IN. Center dameter X 1 : Shfooch | 1 | \$5,987.73 | 50\% | \$2,993.87 |
| SHFo0680 | Trane | SHAFT; FAN, STUB \& TUBE, $1213 / 8 \mathrm{IN}$. LONG $\times 5 \mathrm{IN}$. Center diameter x 2 : Shfoobr | 1 | \$6,838.54 | 50\% | \$3,499.27 |
| shfoo684 | Trane | SHAFT FAN, STUB \& TUBE, $1031 / 2 \mathrm{IN}$. LONG X 5.485 IN. Center diameter SHFOO684 | 1 | \$4,281.37 | 50\% | \$2,140.69 |
| ${ }_{\text {SHFOO688 }}$ | Trane |  | 1 | \$ $\$ 2,220.00$ | 50\% | \$1,110.00 |
| SHF00704 | Trane | SHAFT FAN, STUB \& TUBE, $751 / 2$ IN. LONG X 4.985 In Center diameter x 1 SHF00704 | 1 | \$2,407.20 | 50\% | \$1,203.60 |
| SHF00711 | Trane | SHAFTTFAN, SOLID, 15 5/8 1 IN. LONG X 1 IN. DIAMETER SHF00711 | 1 | \$211.71 | 50\% | \$105.86 |
| SHF00724 | Trane | SHAFT; FAN, SOLID, $241 / 4 \mathrm{IN}$. LONG $\times 1$ 1N. DIAMETER SHF00724 | 1 | \$384.52 | 50\% | \$192.26 |
| SHF00726 | Trane | SHAFT; FAN, SOLID, $221 / 4 \mathrm{IN}$. LONG $\times 1$ IN. DIAMETER SHF00726 | 1 | \$501.99 | 50\% | \$251.00 |
| shfoor35 | Trane | SHAFtFAN, SOLID, $231 / 2 \mathrm{IN}$. LONG $\times 1$ IN. DIAMETER SHF00735 | 1 | \$365.43 | 50\% | \$182.72 |
| SHF00738 | Trane | SHAFt FAN, SWAGED, $797 / 8 \mathrm{IN}$. Long $\times 2 \mathrm{IN}$. Center diameter $\times 13 / 16 \mathrm{II}$ SHFOO738 | 1 | \$1,455.77 | 50\% | \$727.89 |
| SHF00739 | Trane | SHAFT; FAN, SWAGED, $797 / 8 \mathrm{IN}$. LONG $\times 3$ IN. CENTER DIAMETER $\times 17 / 16 \\|$ SHFo0739 | 1 | \$682.75 | 50\% | \$341.38 |
| shfoor46 | Trane | SHAFT; FAN, SOLID, $231 / 4 \mathrm{IN}$. LONG X $3 / 4 \mathrm{IIN}$. DIAMETER SHF00746 | 1 | \$289.99 | 50\% | \$145.00 |
| SHF00747 | Trane | SHAFT; FAN, SOLID, 27 3/4IN. LONG $\times 15 / 16 \mathrm{IN}$. DIAMETER SHF00747 | 1 | \$1,619.35 | 50\% | \$809.68 |
| SHF00748 | Trane | SHAFT FAN, SOLID, 32 IN. LONG X $13 / 16 \mathrm{IN}$. DIAMETER SHF00748 | 1 | \$453.95 | 50\% | \$226.98 |
| SHF00755 | Trane | SHAFT; FAN, STUB \& TUBE, $863 / 8 \mathrm{IN}$. LONG X 4.985 IN. CENTER DIAMETER $>$ SHF00755 | 1 | \$6,326.20 | 50\% | \$3,163.10 |
| SHF00756 | Trane | SHAFt FAN, STUB \& TUBE, $873 / 8 \mathrm{IN}$. LONG X 4.985 IN. Center diameter X Shfoots | 1 | \$4,336.87 | 50\% | \$2,168.44 |
| SHF00759 | Trane |  | 1 | \$4,271.78 | 50\% | \$2,135.89 |
| SHF00762 | Trane | SHAFT; FAN, STUB \& TUBE, $931 / 8 \mathrm{IN}$. LONG X 4.985 IN . CENTER DIAMETER X SHFOO762 | 1 | \$6,228.58 | 50\% | \$3,114.29 |
| SHF00763 | Trane | SHAFT; FAN, STUB \& TUBE, $935 / 8 \mathrm{IN}$. LONG X 4.985 IN . CENTER DIAMETER $\times$ SHF00763 | 1 | \$6,747.77 | 50\% | \$3,373.89 |
| SHF00765 | Trane | SHAFT TAN, STUB \& TUBE, $1015 / 8 \mathrm{IN}$. LONG $\times 4.9885$ IN. CENTER DIAMETER ) SHFO0765 | 1 | \$4,865.47 | 50\% | \$2,432.74 |
| SHF00768 | Trane | SHAFT; FAN, SWAGED, $963 / 4 \mathrm{IN}$. LONG X 3 IN. CENTER DIAMETER X $17 / 16$ ISHF00768 | 1 | \$2,638.31 | 50\% | \$1,319.16 |
| SHF00769 | Trane | SHAFT; FAN, SWAGED, $963 / 4 \mathrm{IN}$. LONG X 4 IN. CENTER DIAMETER $\times 1$ 1/16 1 ISHF00769 | 1 | \$2,567.29 | 50\% | \$1,283.65 |
| SHF00771 | Trane | SHAFT; FAN, SWAGED, $1143 / 4 \mathrm{IN}$. Long $31 / 2 \mathrm{IN}$. Center diameter x 17 SHFO0771 | 1 | \$2,747.37 | 50\% | \$1,373.69 |
| SHF00772 | Trane |  | 1 | \$2,935.17 | 50\% | \$1,467.59 |
| ${ }_{\text {SHFOOO773 }}$ | Trane |  | 1 | \$3,266.62 | 50\% | \$1,633.31 |
| SHF00774 | Trane | SHAFT; FAN, STUB \& TUBE, $1213 / 8 \mathrm{IN}$. LONG $\times 5$ IN. Center diameter X 2 : Shfoor74 | 1 | \$2,174.74 | 50\% | \$1,087.37 |
| SHF00775 | Trane | SHAFT; FAN, STUB \& TUBE, $1243 / 8 \mathrm{IN}$. LONG $\times 5$ IN. Center diameter x 2 ; SHF00775 | 1 | \$7,257.89 | 50\% | \$3,628.95 |
| SHF00776 | Trane | SHAFT; FAN, STUB \& TUBE, $1213 / 8$ IN. LONG $\times 5$ IN. CENTER DIAMETER $\times 2$ : SHFO0776 | 1 | \$2,789.19 | 50\% | \$1,394.60 |
| SHF00783 | Trane | SHAFT;FAN, SOLI, $801 / 2 \mathrm{IN}$. LONG X 2.412 I CENTER DIAMETER $\times 17 / 16 \\|$ SHF00783 | 1 | \$1,314.66 | 50\% | \$657.33 |
| SHF00784 | Trane | SHAFT;FAN, SOLD, $801 / 2 \mathrm{IN}$. LON $\times 2.412 \mathrm{IN}$. CENTER DIAMETER X $111 / 11$ S SHF00784 | 1 | \$1,287.06 | 50\% | \$643.53 |
| SHFoo841 | Trane | SHAFtFAN, SOLID, $291 / 4 \mathrm{IN}$. LONG X13/16 IN. DIAmeter Shfoor | 1 | \$907.90 | 50\% | \$453.95 |
| SHFoos53 | Trane | SHAFT FAN, SOLID, 42 IN. LONG X $23 / 16$ IN. CENTER DIAMETER $\times 111 / 16$ IN SHFOO853 | 1 | \$2,103.26 | 50\% | \$1,051.63 |
| SHFoogot | Trane | SHAFt Blower 36" LENGTH, WITH. 7495 DIAMETER SHFo0901 | 1 | \$415.92 | 50\% | \$207.96 |
| SHF00902 | Trane | SHAFT 1 IN.D. $4331 / 4$ IN. LONG SHFOO902 | 1 | \$608.70 | 50\% | \$304.35 |
| SHF00917 | Trane | SHAFTFAN, SOLID, 45 3/8IN. LONG X 1 IN. DIAMETER SHF00917 | 1 | \$552.37 | 50\% | \$276.19 |
| SHFo0925 | Trane | SHAFT; FAN, 23 IN. LONG X 1 IN. DIAMETER SHFOO925 | 1 | \$146.39 | 50\% | \$73.20 |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or faciity. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mouted [Istlledl, Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pane ( platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance: and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenane of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs howers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
A. General Purpose I, Telecommumicaions,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency


The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Itegrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Molled HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel ( NAP ), and/or other simlar device, which utilize certain platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforemeni.

The scope of this contract does not include:

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units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
A. General Purpose In,

A physical security and faciity system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

|  |  | Prodict Descripition |  | $\begin{gathered} \text { "Warranty Period - \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54 \text { " } \end{gathered}$ | Lst Picte | \% Discoumt | NVS Nat Picied |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SHF03303 | Trane | SHAFT - SWITCH - DIICONNECT | SHF03303 | 1 | \$22.70 | 50\% | \$11.35 |
| SHF03308 | Trane | SHAFT; DIICONNECT SHAFT, $6 \times 6$ MM 10.4IN LONG | SHF03308 | 1 | \$33.90 | 50\% | \$16.95 |
| SHF03324 | Trane | SHAFT; 1.688 diA X 80.5 LG , STELL, FAN - SWAGEd, C1040 OR C1045 EVAP F/S S | SHF03324 | 1 | \$1,670.45 | 50\% | \$835.23 |
| SHF03463 | Trane | SHAFT; INSERT; FOR GTC-703 SHAFTS S | SHF03463 | 1 | \$18.00 | 50\% | \$9.00 |
| SHF03468 | Trane | SHAFT 1.188 DIAX 79.80 SWAGED S | SHF03468 | 1 | \$1,027.26 | 50\% | \$513.63 |
| SHM00178 | Trane |  | SHM00178 | 1 | \$27.45 | 50\% | \$13.73 |
| SHM00179 | Trane | SHIM; $4.503 \times 6.00 \times .002 \mathrm{STL}$. | SHM00179 | 1 | \$18.72 | 50\% | \$9.36 |
| SHM00180 | Trane | SHIM; $4.503 \times 6.00 \times .0055 \mathrm{SL}$. | SHM00180 | 1 | \$21.63 | 50\% | \$10.82 |
| SHM00181 | Trane | SHIM; $4.503 \times 6.00 \times .010$ STL. SHe | SHM00181 | 1 | \$17.99 | 50\% | \$9.00 |
| SHM00182 | Trane | SHIM; $4.503 \times 6.00 \times .0205 \mathrm{TL}$. SHe | SHM00182 | 1 | \$17.42 | 50\% | \$8.71 |
| SHM00194 | Trane | SHIM; $6.000 \times 4.503 \times .100$ SHe | SHM00194 | 1 | \$33.67 | 50\% | \$16.84 |
| SHM00237 | Trane | SHIM Fan bearing, 251 l . Sther | SHM00237 | 1 | \$100.92 | 50\% | \$50.46 |
| SHM00854 | Trane | SHIM; 0.050 THKX 0.505 ID (PACK OF 10) S | SHM00854 | 1 | \$24.63 | 50\% | \$12.32 |
| SHM00860 | Trane | SHIM; PACK, VANE AND SHROUD, TWO EACH Of . 005 ', .010", .020" SHIMS S | SHM00860 | 1 | \$457.32 | 50\% | \$228.66 |
| SHRooor3 | Trane | SHROUD; ScRoll side sh | SHRooor3 | 1 | \$801.92 | 50\% | \$400.96 |
| SHT00269 | Trane | Shutter alr, Set, 10 Per furnace, conversion lp to natural gas shiol | SHT00269 | 1 | \$103.98 | 50\% | \$51.99 |
| sLDooool | Trane | Solder clean 'n brite $1 / 8$ " dia $1 \#$ \# Sool | sLD00001 | 1 | \$123.06 | 50\% | \$61.53 |
| sldooooz | Trane | SOLDER CLEAN 'N BRITE 6,1/8" DIA X $1 \#$ SPOOL S | SLD00002 | 1 | \$167.47 | 50\% | \$83.74 |
| SLD165-V | Trane | DRIER; SUCTION LINE; 16 CU IN; $5 / 8$ ODF CONN; SOLID CORE S | sLD165-V | 1 | \$70.12 | 50\% | \$35.06 |
| sLD167-V | Trane | DRIER; SUCTION LINE; PARKER SAHARA; 16 CU IN; 7/8" ODF CONN; SOLID CC S | sLD167-v | 1 | \$76.70 | 50\% | \$38.35 |
| SLD306-V | Trane | DRIER; SUCTION LINE; 30 CU IN; $3 / 4$ ODF CONN; SOLID CORE | SLD306-V | 1 | \$74.06 | 50\% | \$37.03 |
| SLD307-V | Trane | DRIER; SUCTION LINE; 30 CU IN; 7/8 ODF CONN; SOLID CORE | SLD307-V | 1 | \$117.60 | 50\% | \$58.80 |
| stgoooz2 | Trane | sunger; bearing fan Shaft | SLG00022 | 1 | \$22.01 | 50\% | \$11.01 |
| stgooos1 | Trane | SLINGER; FAN MOTOR | SLG00031 | 1 | \$9.91 | 50\% | \$4.96 |
| stgooo32 | Trane | SLINGER; 2.13 DIA 1.19 LG, MOLDED PLASTIC | stg00032 | 1 | \$7.71 | 50\% | \$3.86 |
| sl600053 | Trane | SLINGER; $1 / 2$ IN BORE, 6.37 OD DIA S | stg00053 | 1 | \$9.91 | 50\% | \$4.96 |
| sl600056 | Trane | SLINGER; 50 BORE S | SLG00056 | 1 | \$12.11 | 50\% | \$6.06 |
| slgooobo | Trane | SLINGER, BLACK PLASTC, 50 Bore X 7.50 DIA S | SLG00060 | 1 | \$81.87 | 50\% | \$40.94 |
| sLG00114 | Trane | SLINGER; RAINHAT, 625 dia. bore | SL600114 | 1 | \$33.00 | 50\% | \$16.50 |
| SLG00120 | Trane | SLINGER; MOTOR COVER, 7.31 DIA 1.57 DEEP, BLACK POLYPROPYLENE FR7 S | SLG00120 | 1 | \$29.94 | 50\% | \$14.97 |
| slG00123 | Trane | SLINGER; MOTOR COVER, 7.00 DIA 1.84 DEEP, FOR USE WITH $5 / 8$ INCH MC S | sig00123 | 1 | \$8.86 | 50\% | \$4.43 |
| stg00126 | Trane | SLINGER; IMPELLER SPINNER S | stg00126 | 1 | \$28.69 | 50\% | \$14.35 |
| SLT00037 | Trane | SEALANT; THREADLOCK, 277 ( (SHIPPING UOM 10 ML HAZ) BOTTLE S | SLTO0037 | 1 | \$30.31 | 50\% | \$15.16 |
| SLT00038 | Trane | SEALANT; THREADLOCK 277, 50 ML BTL, (SHIPPING UOM 50 ML ) S | stто0038 | 1 | \$70.80 | 50\% | \$35.40 |
| SLT00042 | Trane | SEALANT; 565 LOCTITE LIQUID THREAD, 6 ML BOTTLE | SLT00042 | 1 | \$10.95 | 50\% | \$5.48 |
| SLT00047 | Trane | SEALANT; PIPE THREAD, 1 PT CONTAINER | SLTo0047 | 1 | \$29.94 | 50\% | \$14.97 |
| SLT00048 | Trane | SEALANT; RED HIGH TEMPERATURE, SILICONE, 300ML Cartridge | Sltooou8 | 1 | \$16.11 | 50\% | \$8.06 |
| SLT00068 | Trane | SEALANT; PIPE THREAD, RECTORSEAL T PLUS 2, 1/4 PINT S | strooobs | 1 | \$12.00 | 50\% | \$6.00 |
| SLT00071 | Trane | SEALANT; PIPE THREAD, RECTORSEAL TRU-blue, $1 / 2$ PINT S | SLT00071 | 1 | \$17.40 | 50\% | \$8.70 |
| SLT00073 | Trane | SEALANT; FURNACE CEMENT, HIGH TEMP, SIX POUND CONTAINER S | SLT00073 | 1 | \$23.40 | 50\% | \$11.70 |
| SLT00077 | Trane | SEALANT; Gene 404L PVC Low voc solvent Cement, $1 / 2$ PINT S | SLTOOO77 | 1 | \$10.98 | 50\% | \$5.49 |
| SLT00083 | Trane | SEALANT,CLEAR SILICONE, 10.3 FL.OZ. TUEB | SLT00083 | 1 | \$8.05 | 50\% | \$4.03 |
| sLT00085 | Trane | SEALANT, WHITE SILICONE,10.3 FL. OZ. TUBE | SLT00085 | 1 | \$8.05 | 50\% | \$4.03 |
| SLT00087 | Trane | SEALANT; ALUMINUM SILICONE, 10.3 FL. OZ. TUBE | SLTo0087 | 1 | \$8.05 | 50\% | \$4.03 |
| SLT00090 | Trane | SEALANT, HIGH TEMP RED SILICONE, 10.1 Oz CARTRIDGE | strooogo | 1 | \$12.88 | 50\% | \$6.44 |
| SLTo0094 | Trane | Sealant, diversigum sealing compound, 2 Lb Slug | SLTo0094 | 1 | \$7.33 | 50\% | \$3.67 |
| SLT00098 | Trane | SEALANT; FLEX POIYURETHANE, DISPOSABLE 10.3 OZ MOISTURE-PROOF ALL S | sltooogs | 1 | \$38.08 | 50\% | \$19.04 |
| SLT00110 | Trane | SEALANT; LOCTITE 248 MEDIUM STRENGTH BLUE THREADLOCK, 9 GM STICK S | sltool10 | 1 | \$26.66 | 50\% | \$13.33 |
| SLT00112 | Trane | SEALANT; LOCTITE 268 HIGH STRENGTH RED THREADLOCKER, 9 GM Stick sita | stтoo112 | 1 | \$26.66 | 50\% | \$13.33 |
| SLT00132 | Trane | SEALANT; EPOXY PUTTY (CONTAINS 24 - TWO OZ STICKS) S | SLT00132 | 1 | \$8.42 | 50\% | \$4.21 |
| SLT00133 | Trane | SEALANT; PRO-PRIME PVC PRIMER, PURPLE, 16 OZ, BRUSH-TOP | stı00133 | 1 | \$12.68 | 50\% | \$6.34 |
| SLT00136 | Trane | SEALANT; PRO-wELD PVC Cement, ReGular bodr, 16 OZ , BRUSH TOP S | SLT00136 | 1 | \$9.80 | 50\% | \$4.90 |
| SLT00254 | Trane | Joint, 16 OZ CAN | Sltoo254 | 1 | \$68.81 | 50\% | \$34.41 |
| stv00158 | Trane | Sllevej, 63 TUBE S | stv00158 | 1 | \$6.79 | 50\% | \$3.40 |
| stvo0166 | Trane | SLEEVE. 63 , RDCR S | SLV00166 | 1 | \$80.92 | 50\% | \$40.46 |
| stv00175 | Trane | SleEve; 76 TUBE - Seal-LOK TL, STEEL | SLV00175 | 1 | \$8.03 | 50\% | \$4.02 |
| stvo0184 | Trane | SLEEVE; 1/2" TUBE SIIE | SLV00184 | 1 | \$2.66 | 50\% | \$1.33 |
| stvo0185 | Trane | SLEEVE; 3/4" TUBE SIZE | stvoo185 | 1 | \$3.58 | 50\% | \$1.79 |
| stv00187 | Trane | sleeve outer black for ram-5 gun assembly | stvo0187 | 1 | \$7.70 | 50\% | \$3.85 |
| stV00207 | Trane | Slevve; 38 SEAL-LOK REDUCER | SLV00207 | 1 | \$9.74 | 50\% | \$4.87 |
| sovoooo | Trane | Solvent; GASket remover, (SHIPPING uom 18 OZ haz) Aerosol solil | sovoooo | 1 | \$30.42 | 50\% | \$15.21 |
| Sovoooob | Trane | SOLVENT; SAFETY 16 OZ (SHIPPING UOM 1 PT HAZ) S | Sovoooor | 1 | \$20.95 | 50\% | \$10.48 |
| sovooo34 | Trane | Solvent; CONTACT Cleaner, (SHIPPING UOM 11 Oz Haz) AERosol Solil | sovooo34 | 1 | \$20.81 | 50\% | \$10.41 |
| sovooo38 | Trane | SOLVENT; SAM CL-3L PVC Primer cleaner, CLEAR, LOW VOC $1 / 2$ PINT | sovooo38 | 1 | \$10.78 | 50\% | \$5.39 |
| sovooo45 | Trane | Solvent: Aerosol, degreasing solvent ef, 17 oz. Aerosol can soun | sovooo45 | 1 | \$23.10 | 50\% | \$11.55 |
| Sovooo46 | Trane | solvent; degreasing solvent ef, 1 Gal. | Sovooo46 | 1 | \$75.75 | 50\% | \$37.88 |
| sovooos5 | Trane | EyE Wash, 32 OZ bottle | sovooos5 | 1 | \$18.88 | 50\% | \$9.44 |
| SPC00122 | Trane | SPACER; PUMP ASSEMBLY SECO | SPC00122 | 1 | \$122.30 | 50\% | \$61.15 |
| SPC00191 | Trane | SPACER 5 .4000 X 4.501D X.12THK SCOL | SPC00191 | 1 | \$79.34 | 50\% | \$39.67 |
| SPC00207 | Trane | SPACERMOTOR MOUNTING (USED ON WITH FASCO MOTOR) S | SPC00207 | 1 | \$62.82 | 50\% | \$31.41 |
| SPC00286 | Trane |  | SPC00286 | 1 | \$371.03 | 50\% | \$185.52 |
| SPC00338 | Trane | SPACER; BUSHING, 25 ID X .50 LG , 75 OD ( $1 \mathrm{CTN}=10 \mathrm{PCS}$ ) S | SPC00338 | 1 | \$60.14 | 50\% | \$30.07 |
| SPC00340 | Trane | SPACER; BUSHING, $0.50 \mathrm{ID} \mathrm{X} 0.38 \mathrm{LG}, 1.00 \mathrm{OD}$ (PACK OF 20) ${ }^{\text {O }}$ ) S | SPC00340 | 1 | \$104.74 | 50\% | \$52.37 |
| SPC00508 | Trane | SPACER; STANDOFF, 10-32 MALE X 10-32 MALE, 375 HEX S | SPC00508 | 1 | \$36.98 | 50\% | \$18.49 |
| SPG00031 | Trane | SPRING; SER | SPG00031 | 1 | \$157.37 | 50\% | \$78.69 |
| SPG00035 | Trane | SPRING, TORSION FOR ACCESS DOOR SGOL | SPG00035 | 1 | \$56.28 | 50\% | \$28.14 |
| SPG00095 | Trane | SPRING; CYLINDER HEAD 3.25 OD $\times 2.74$ FREE LG, 490 DIA STL, COMPRESSIO S | SPG00095 | 1 | \$198.73 | 50\% | \$99.37 |
| SPG00121 | Trane | SPRING;PILOT POSITIINER SSCor | SPG00121 | 1 | \$11.46 | 50\% | \$5.73 |
| SPG00194 | Trane | SPRING; CONE, AdJustable louvers for horz. And vert. (order aty ec s | SPG00194 | 1 | \$28.18 | 50\% | \$14.09 |
| SPG00200 | Trane | SPRING; SUMP HEATER (20 EACH/BAG) S | SPG00200 | 1 | \$17.24 | 50\% | \$8.62 |
| SPG00225 | Trane | SPRING, Overload sita | SPG00225 | 1 | \$3.74 | 50\% | \$1.87 |
| SPG00233 | Trane | SPRING, BACKPLATE S | SPG00233 | 1 | \$15.15 | 50\% | \$7.58 |
| SPG00249 | Trane | SPRING;BURNER, ORDER QTY.SHOULD BE PCS S | SPG00249 | 1 | \$14.88 | 50\% | \$7.44 |
| SPG00276 | Trane | SPRING, SUCTION VALVE (PACK OF 50) S | SPG00276 | 1 | \$57.45 | 50\% | \$28.73 |
| SPG00277 | Trane | SPRING, DISCHARGE VALVE (PACK OF 50) S | SPG00277 | 1 | \$64.17 | 50\% | \$32.09 |
| SPG00278 | Trane | SPRING, UNLOADER PISTON (PACK OF 50) S ${ }^{\text {O }}$ | SPG00278 | 1 | \$40.05 | 50\% | \$20.03 |
| SPG00281 | Trane | SPRING, DIICHARGE Valve (PACK OF 50) S | SPG00281 | 1 | \$490.52 | 50\% | \$245.26 |
| SPG00282 | Trane | SPRING, UNLOADER LIFT PIN (PACK OF 50) S | SPG00282 | 1 | \$17.11 | 50\% | \$8.56 |
| SPG00283 | Trane | SPRING, UNLOADER PISTON (PACK OF 50) S | SPG00283 | 1 | \$35.26 | 50\% | \$17.63 |
| SPG00312 | Trane | LATCH; WITH SPRING PLUNGER S | SPG00312 | 1 | \$8.82 | 50\% | \$4.41 |
| SP600320 | Trane | SPRING 2IN.DEFLECTION, 750 LBS. PER IN., ISOLATOR S | SP600320 | 1 | \$103.67 | 50\% | \$51.84 |
| SPG00321 | Trane | SPRING, INNER ISOLATOR SGEOS | SPG00321 | 1 | \$84.03 | 50\% | \$42.02 |
| SPG00326 | Trane | SPRING WITH Hooks 4in. SS | SPG00326 | 1 | \$367.24 | 50\% | \$183.62 |
| SPG00831 | Trane | SPRING; COMPRESSION. 0.75 OD $\times 1.08$ FREE LG S | SPG00831 | 1 | \$475.98 | 50\% | \$237.99 |
| SPG00833 | Trane | SPRING; COMPRESSIION CHECK VALVE (PACK Of 10) S | SPG00833 | 1 | \$99.16 | 50\% | \$49.58 |
| SPG00843 | Trane | SPRING; 125 LBS. PER IN., 2 IN. DEFLECTION, BROWN, ISOLATOR S | SPG00843 | 1 | \$76.52 | 50\% | \$38.26 |
| SPG00845 | Trane | SPRING; 225 LBS. PER IN., 2 IN. DEFLECTION, PURPLE, ISOLATOR S | SPG00845 | 1 | \$70.88 | 50\% | \$35.44 |
| SPG00846 | Trane |  | SPG00846 | 1 | \$78.68 | 50\% | \$39.34 |
| SPG00859 | Trane | SPRING; DRIVE GEAR, $0.995 \mathrm{ID} \times 1.025$ S | SPG00859 | 1 | \$277.08 | 50\% | \$138.54 |
| SPG00860 | Trane | SPRING; DRIVE GEAR, 0.70 ID $\times 1.068$ S | SPG00860 | 1 | \$83.52 | 50\% | \$41.76 |
| SPG00861 | Trane | SPRING; OIL PUMP, 0.93 OD $\times 1.25$ FREE LG (PACK OF 10) S | SPG00861 | 1 | \$54.36 | 50\% | \$27.18 |
| SPG00864 | Trane | SPRING; SUMP HEATER (1 CTN = 10 PCS) S | ${ }_{\text {SPG00864 }}$ | 1 | \$37.23 | 50\% | \$18.62 |
| SPG00867 | Trane | SPRING; WASHER, 4 WAVE S | SPG00867 | 1 | \$15.21 | 50\% | \$7.61 |
| SPG01009 | Trane | SPRING; LOAD RING, BEARING OUTER RACE, 7.47 ID , ONE TIME USE ITEM S | SPG01009 | 1 | \$1,196.78 | 50\% | \$598.39 |
| SP601019 |  | SPRING; LOAD RIIN, BEARING OUTER RACE, 4.46 ID, one time use item Stis | SP601019 |  | \$257.39 | 50\% | \$128.70 |

The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Molled HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integra
products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FiAarm Interface Pane( (I), and/or other similar device, which utilize certain pr platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforemention systems integration, or mainten

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
A. General Purpose

A physical security and faciity system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or


The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. . BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated
Microprocessor-Controled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems. Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
. Inegrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc, which are Factory-Moded HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and . products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor ontrolled HVAC Equipment using a devic wang, but not limited to, a router, gaten arm Interface Pa, and or similar device, which uilize certa platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installaion, systems integration, or mainten efe of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs howers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not imited to
A. General Purpose I, Telecommunicaions,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' $\mathbf{l}$ location in the event of a fire or emergency.

|  |  | Prostral Dosalipion | $\begin{gathered} \text { "Warranty Period - \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54 \text { " } \end{gathered}$ | Lst Picice | coum | NYS Nal Pitice |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SWT00142 | Trane | SWITCH;DIFFERENTIAL PRESSURE, 120 DEG F, 125/250V, 10/5AMP, 1/8-1/4- SWTO0142 | 1 | \$327.57 | 50\% | \$163.79 |
| swT00156 | Trane | SWITCH, FAN CONTROL, 3 SPEED, 10/5 A, 125/250 V SWTOO156 | 1 | \$113.60 | 50\% | \$56.80 |
| SWT00194 | Trane | SWITCH;SPEED CONTROL, 5/10AMP AT 277/125VAC, 1/4/1/2HP AT 125/250 SWT00194 | 1 | \$164.78 | 50\% | \$82.39 |
| swT00232 | Trane | SWITCH;DIFFERENTAL PRESSURE,SPST, 120/208/240V,PILOT DUTY, 125 V A, 2 SWTO0232 | 1 | \$246.13 | 50\% | \$123.07 |
| swT00235 | Trane | SWITCH;FLOW CONTROL, RATE: NO FLOW-1.0GPM, MAX FLOW-15.0GPM, PI SWTO0235 | 1 | \$435.42 | 50\% | \$217.71 |
| SWT00237 | Trane | SWITCH; DIFFER.PRESSURE, SPNO, -40 TO 180 DEG F, PlLOT DUTY AT 115-27' SWT00237 | 1 | \$592.72 | 50\% | \$296.36 |
| SWT00253 | Trane | SWITCH;MICRO, SPDT, 15 A RESISTIVE AT 125/250/480 VAC $1 / 8$ HP AT 125 V SWTO0253 | 1 | \$104.98 | 50\% | \$52.49 |
| swT00282 | Trane | SWITCH;AIR FLOW, SPST, 3 AMP, $125 \mathrm{VAC},-80-185$ DEG F ${ }^{\text {F }}$ SWT00282 | 1 | \$39.80 | 50\% | \$19.90 |
| SWT00285 | Trane | SWITCH; FLOW,SPDT, PILOT DUTY: AC 125VA, 120-240V, MAX. TEMP - 225 D SWTO0285 | 1 | \$362.48 | 50\% | \$181.24 |
| SWT00302 | Trane | SWITCH;FAN CONTROL, 3 SPEED, OFF/VENT/H//LO, 10/5 AMP 1/4-1/2 HP AT SWTOO302 | 1 | \$218.60 | 50\% | \$109.30 |
| swT00333 | Trane | SWITCH, ROTARY, 3 SPEED, 10/5 A, 125/250/277 V, OFF-HI-MED-LO SWTOO333 | 1 | \$116.95 | 50\% | \$58.48 |
| swT00396 | Trane | SWITCH; HIGH PRESSURE, CUTOUT, SPST, 125VA AT 120/240VAC, OPEN:405 SWTO0396 | 1 | \$25.70 | 50\% | \$12.85 |
| SWT00397 | Trane | SWITCH; LOW PRESSURE, CUTOUT, SPST, 125VA AT 120/240VAC, OPEN: 7 P S SWTO0397 | 1 | \$19.29 | 50\% | \$9.65 |
| SWT00417 | Trane | SWITCH; DIFFERENTIAL PRESSURE,-40 TO 150 DEG F, $125 / 25 \mathrm{VAC}, 10 / 8$ AMF SWTO0417 | 1 | \$401.73 | 50\% | \$200.87 |
| SWT00431 | Trane | SWITCH;TEMP 20-90F, SPST 125VA 15 FOOT CAP TUBE H/LLOW STAGE, 24-6 SWTO0431 | 1 | \$194.60 | 50\% | \$97.30 |
| SWT00438 | Trane | SWITCH, PUSH BUTTON, 6PST, 17/25 A, 277/120 V, HEAT-LO HEAT, 25 QC TI SWTO0438 | 1 | \$160.61 | 50\% | \$80.31 |
| SWT00473 | Trane | SWITCH, H-LLIIIT SECONDARY SAFTY LIMIT, SLI, On THE OUTLET SWTOO473 | 1 | \$87.89 | 50\% | \$43.95 |
| SWT00484 | Trane | SWITCH;TEMP ACTUATED, DIFFERENTIAL, 125 VVA , 20/90 DEG F. $375 \times 25$ FT ( SWTO0484 | 1 | \$128.17 | 50\% | \$64.09 |
| SWT00487 | Trane | SWITCH;HIGH PRESSURE, CUTOUT, 120/240VAC, OPEN: 270 PSIG, CLOSE: 211 SWTO0487 | 1 | \$81.45 | 50\% | \$40.73 |
| swTou497 | Trane | SWITCH; CONTROL,PRESSURE, SPST OPEN 45 PSIG CLOSE 60 PSIG SWTO0497 | 1 | \$26.31 | 50\% | \$13.16 |
| SWT00499 | Trane | SWITCH; TEMP ACTUATED, DIFFERENTIAL,PILOT DUTY 125VA, -30/50 DEG F, SWTO0499 | 1 | \$213.46 | 50\% | \$106.73 |
| SWT00529 | Trane | SWITCH, (1)SPDT, 10A/250V COIL, 1 SPEED, SPDT SWT00529 | 1 | \$9.23 | 50\% | \$4.62 |
| swT00531 | Trane | SWITCH, COIL, SPST-NO, STD CONTACTOR, $10 \mathrm{~A}, 600 \mathrm{~V}$ SWTO0531 | 1 | \$12.95 | 50\% | \$6.48 |
| swT00539 | Trane | SWITCH MECH DISCONNECT, 265V, SWT00539 | 1 | \$82.26 | 50\% | \$41.13 |
| swT00570 | Trane | SWITCH; CONTROL, TEMP OPEN 170F, 3 PRONG SWTOO570 | 1 | \$124.17 | 50\% | \$62.09 |
| swT00571 | Trane | SWITCH; CONTRL, TEMP, OPEN 200F 3 PRONG SWTOO571 | 1 | \$87.14 | 50\% | \$43.57 |
| SWT00580 | Trane | SWITCH; DIFFERENTIAL PRESSURE, -40 TO 150 DEG F, 125/25VAC, 10/8 AMP SWTO0580 | 1 | \$381.65 | 50\% | \$190.83 |
| SWT00601 | Trane | SWITCH;DOOR INTERLOCK, SINGLE POLE, NO, 3/4 HP, 125 VAC SWT00601 | 1 | \$13.39 | 50\% | \$6.70 |
| swT00605 | Trane | SWITCH; AUTOMATIC PILOT, SPDT, 125/90 VA AT 120-240/30 VAC SWTO0605 | 1 | \$177.41 | 50\% | \$88.71 |
| SWT00606 | Trane | SWITCH; CONTROL, PRESSURE, AIR PROVING, PRESSURE RANGE IS 0.15-0.50 SWTOO606 | 1 | \$237.00 | 50\% | \$118.50 |
| SWT00607 | Trane | SWITCH VELOCITY PRESSURE, AIR PROVING, PRESSURE RANGE IS 0.40-1.60. SWTOO607 | 1 | \$515.00 | 50\% | \$257.50 |
| SWT00608 | Trane | SWITCH;REVERSE FLOW, OPEN:130 DEG F/CLOSE:120 DEG F, 125 VOLT AMP SWT00608 | 1 | \$64.17 | 50\% | \$32.09 |
| SWT00615 | Trane | SWITCH; CONTROL, LIMIT, 145 DEGREES SWTOO615 | 1 | \$29.76 | 50\% | \$14.88 |
| SWT00626 | Trane | SWITCH; ARFLOW SWT00626 | 1 | \$164.21 | 50\% | \$82.11 |
| SWT00636 | Trane | SWITCH;FAN CONTROL, 3 SPEED, OFF-HIGH-MED-LOW, 10/5 AMP, 1/4-1/2 + SWTOO636 | 1 | \$164.19 | 50\% | \$82.10 |
| SWT00638 | Trane | SWITCH 3-SPEED, FAN CONTROL, OFF-H-MED-LO, 105 DEG C, 10/5 AMP, 12: SWTOO638 | 1 | \$510.30 | 50\% | \$255.15 |
| SWT00647 | Trane | SWITCH; FAN OVERIIDE, CONTROL TEMP SWTOO647 | 1 | \$58.55 | 50\% | \$29.28 |
| swT00690 | Trane | SWITCH;AUXILIARY CONTACT, 1P No. 5A @ 120V W/AUX SWITCH 1A@28VD SWTOo690 | 1 | \$235.79 | 50\% | \$117.90 |
| SWT00698 | Trane | SWITCH; PADDLE WATER FLOW SWT00698 | 1 | \$261.58 | 50\% | \$130.79 |
| swT00700 | Trane | SWITCH; PRESSURE, SPDT, 2-20 PSIG AIR ONLY, 208/240/277V, 1225 PRESS C SWT00700 | 1 | \$108.75 | 50\% | \$54.38 |
| SWT00701 | Trane | SWITCH; DUCT TEMPERATURE W/20 FT ELEMENT, SPST 15-55 F SWT00701 | 1 | \$256.22 | 50\% | \$128.11 |
| SWT00715 | Trane | SWITCH, AUXILIARY BLOWER SWT00715 | 1 | \$35.69 | 50\% | \$17.85 |
| swT00721 | Trane | SWITCH; FAN \& LIMIT, TEMPERATURE CONTROL SWT00721 | 1 | \$197.04 | 50\% | \$98.52 |
| SWT00725 | Trane | SWITCH;CONTROL,TEMP, DPST OPEN 150F, CLOSE 115F SWTO0725 | 1 | \$65.19 | 50\% | \$32.60 |
| swT00731 | Trane | SWITCH; HIGH PRESSURE, CLISE 290, OPEN 375, 2500 PIS MINIMUM BURST SWTO0731 | 1 | \$321.59 | 50\% | \$160.80 |
| SWT00767 | Trane | SWITCH;LIMIT, OPEN TEMP. 300 DEG F, 5 FLA, 25 LRA AT 120 VAC SWT00767 | 1 | \$14.50 | 50\% | \$7.25 |
| swT00771 | Trane | SWITCH;LIMIT, OPEN:125 DEG F/CLOSE:115 DEG F, 125 VoLt AMP 120-240 \ SWTO0771 | 1 | \$77.63 | 50\% | \$38.82 |
| SWTo0842 | Trane | SWITCH; CONTROL, TEMP, SPST OPEN 25F, CLOSE 60F, 120/240 V SWTO0842 | 1 | \$63.74 | 50\% | \$31.87 |
| SWT00895 | Trane | SWITCH;LIMIT, OPEN:135 DEG F/CLOSE:105 DEG F, 125 VOLT AMP 120-240 \ SWTO0895 | 1 | \$90.36 | 50\% | \$45.18 |
| swT00924 | Trane | SWITCH;NEGATVE PRESSURE, 278/300VA, 277VAC, 15AMP, PLIOT DUTY At SWTOO924 | 1 | \$155.96 | 50\% | \$77.98 |
| SWT00944 | Trane | SWITCH;FAN \& LIMIT, LIMIT: OPEN-150 DEG F/CLOSE-120 DEG F FAN:40VA A SWTOO944 | 1 | \$180.27 | 50\% | \$90.14 |
| swT00977 | Trane | SWITCH; NEGATIVE PRESSURE, 120V, 3FLA, 1/10HP, 28/125 PILOT DUTY AT 2 SWTOO977 | 1 | \$77.94 | 50\% | \$38.97 |
| swT00981 | Trane | SWITCH;CONTROL, PRESSURE LLOSE .05 WC, 300VA PILOT DUTY @ 115-277 ' SWTOo981 | 1 | \$255.29 | 50\% | \$127.65 |
| SWT01005 | Trane | SWITCHDISCONNECT SWITCH 25AMP 600VAC 60HZ 3P SWT01005 | 1 | \$349.54 | 50\% | \$174.77 |
| SWT01008 | Trane | SWITCHFAN, SPST LINE VOLTAGE 120-277V SWT01008 | 1 | \$134.32 | 50\% | \$67.16 |
| SWT01036 | Trane | SWITCH; AUXILARY CONTROL, HIGH LIMIT, 60T23-203675, F170-40, OPENS 1 SWT01036 | 1 | \$88.78 | 50\% | \$44.39 |
| SWT01059 | Trane | SWITCH; ROCKER, 15/10A, 125/250VAC, MOMENTARY ON-NONE-OFF SWT01059 | 1 | \$25.51 | 50\% | \$12.76 |
| SWT01062 | Trane | SWITCH;CONTROL,PRESSURE W/WIRE HARNESS,OPEN -25WC,Closed - 40 V SWTO1062 | 1 | \$236.48 | 50\% | \$118.24 |
| SWT01063 | Trane | SWITCH;CONTROL,PRESSURE W/WIRE HARNESS SWT01063 | 1 | \$210.15 | 50\% | \$105.08 |
| SWT01064 | Trane | SWITCH;CONTROL PRESSURE, W/WIRE HARNESS, OPEN At . 55, closes At .f SWT01064 | 1 | \$194.20 | 50\% | \$97.10 |
| swT01106 | Trane | SWITCH;CONTROL,PRESSURE, SPST OPEN 1.20 WC CLOSE 1.45 WC SWTO1106 | 1 | \$83.56 | 50\% | \$41.78 |
| SWTO1119 | Trane | SWITCH; LOW PRESSURE, 10 PSI SWT01119 | 1 | \$131.96 | 50\% | \$65.98 |
| SWT01123 | Trane | SWITCH, STANDARD FORCE MINIATURE, 3A, 250V SWT01123 | 1 | \$27.85 | 50\% | \$13.93 |
| SWT01124 | Trane | SWITCH;STANDARD FORCE MINIATURE, 3A, 250VAC SWT01124 | 1 | \$33.39 | 50\% | \$16.70 |
| SWT01150 | Trane | SWITCH;CONTROL,PRESSURE, SPST - 1.43 WC SWT01150 | 1 | \$147.97 | 50\% | \$73.99 |
| SWT01171 | Trane | SWITCH; EXHAUST GAS TEMPERATURE SWT01171 | 1 | \$673.20 | 50\% | \$336.60 |
| swT01173 | Trane | SWITCH;PUSH BUTTON 17A 277V, 1/4QC TERM, OFF/HIGH/LOW/HEAT/COO SWT01173 | 1 | \$168.14 | 50\% | \$84.07 |
| SWT01190 | Trane | SWITCH;LOW PRESS.CUTOUT (FAN PRESS.SWITCH) 120/240 VAC OPEN: 155 SWT0190 | 1 | \$75.31 | 50\% | \$37.66 |
| SWTO1199 | Trane | SWITCH; LOW PRESSURE, PNEUMATIC/ELLCTRIC, 2-20 PSI 25A @120/240/2; SWT01199 | 1 | \$79.39 | 50\% | \$39.70 |
| SWT01209 | Trane | SWITCH;FAN SPEED, SPDT, 15A, 277VAC, On/ON/ON, . 25 SPADE TERM SWT01209 | 1 | \$31.02 | 50\% | \$15.51 |
| SWT01228 | Trane | SWITCH, ROCKER, SPST, 20 A, 277 VAC, ON-NONE-OFF, 25 QC Term swtol228 | 1 | \$31.93 | 50\% | \$15.97 |
| SWT01235 | Trane | SWITCH; TOGGLE, SPST, 15/10 A, 125/250 VAC ON-OfF-ON . 25 Quick conn swtole | 1 | \$11.02 | 50\% | \$5.51 |
| SWT01245 | Trane | SWITCH; DIFFERENTIAL PRESSURE, SPDT, . 05 IN. - 5.0 IN., $120 / 240 \mathrm{VAC}$ W/C S SWT01245 | 1 | \$93.84 | 50\% | \$46.92 |
| SWT01254 | Trane | SWITCH;DOOR, SPST, 16 AMP, 125 \& 250 VAC SWT01254 | 1 | \$27.87 | 50\% | \$13.94 |
| SWT01255 | Trane | SWITCH; PRESSURE, SIIGGLE POLE, NORMALY OPEN, $1 / 10 \mathrm{HP}, 3$ FLA, 18 LRA, SWT01255 | 1 | \$87.20 | 50\% | \$43.60 |
| SWT01271 | Trane | SWITCH; THERMAL LIMT, OPEN AT 180, CLOSE AT 150 DEG. F SWT01271 | 1 | \$48.14 | 50\% | \$24.07 |
| SWT01273 | Trane | SWITCH;THERMAL LIMIT, OPEN AT 220, CLISE AT 190 DEG. F | 1 | \$51.12 | 50\% | \$25.56 |
| SWT01274 | Trane | SWITCH;THERMAL LIMIT, OPEN AT 125, CLISE AT 95 DEG. F | 1 | \$23.63 | 50\% | \$11.82 |
| SWT01276 | Trane | SWITCH;THERMAL LIMIT, OPEN AT 140, CLOSE AT 110 DEG. F SWT01276 | 1 | \$11.42 | 50\% | \$5.71 |
| SWT01277 | Trane | SWITCH;THERMAL LIMIT, OPEN AT 145, CLOSE AT 115 DEG. F SWT01277 | 1 | \$14.60 | 50\% | \$7.30 |
| SWT01280 | Trane | SWITCH;THERMAL LIMIT, OPEN AT 155, CLISE AT 125 DEG. F | 1 | \$24.31 | 50\% | \$12.16 |
| SWT01373 | Trane | SWITCH; PRESSURE, SINGLE POLL, NORMALLY OPEN, $1 / 10 \mathrm{HP}, 3 \mathrm{FLL}, 18$ LRA, SWT01373 | 1 | \$99.20 | 50\% | \$49.60 |
| SWT01387 | Trane | SWITCH:AUTO LIMIT, 2P SWT01387 | 1 | \$67.39 | 50\% | \$33.70 |
| SWT01388 | Trane | SWITCH;MANUAL LIMIT, 1P SWT01388 | 1 | \$74.30 | 50\% | \$37.15 |
| SWT01390 | Trane | SWITCH:MANUAL LIMIT, 2P SWT01390 | 1 | \$151.33 | 50\% | \$75.67 |
| SWT01403 | Trane | SWITCH; LOW PRESSURE CONTROL, 120/240 VAC, OPENS AT 7 PSIG, Closes SWT01403 | 1 | \$65.69 | 50\% | \$32.85 |
| SWT01429 | Trane | SWITCH, PRIMARY HIGH LIMIT, HL1, On THE INLET, 3 PRONG SWT01429 | 1 | \$93.61 | 50\% | \$46.81 |
| SWT01430 | Trane | SWITCH; HIGH LIMIT (DUCT ONLY), 2 PRONG SWT01430 | 1 | \$88.87 | 50\% | \$44.44 |
| SWT01432 | Trane | SWITCH; BLOCKED VENT, 240 DEG. OPEN, RED DOt, 2 WIRE, FOR 100-400 M SWT01432 | 1 | \$124.44 | 50\% | \$62.22 |
| SWT01433 | Trane | SWITCH; BLOCKED-VENT, 250 DEG. OPEN, 2 WIRE, FOR 75 MBH UNITS SWT01433 | 1 | \$90.48 | 50\% | \$45.24 |
| SWT01555 | Trane | SWITCH;CONTROL,PRESSURE, AR, SPDT, 0.175 INCHES WC, 5 A AT 120 V SWT01555 | 1 | \$105.96 | 50\% | \$52.98 |
| SWT01566 | Trane | SWITCH;PUSH BUTTON, 17A 277V, 1/4QC TERM, OFF/HIGH/LOW SWT01566 | 1 | \$111.48 | 50\% | \$55.74 |
| SWT01584 | Trane | SWITCH; HIGH TEMP LIMIT SWT01584 | 1 | \$578.89 | 50\% | \$289.45 |
| SWT01589 | Trane | SWITCH;LOW PRESSURE 7OPEN/32CLOSE, 25 QC . 25 OD TUBE SWT01589 | 1 | \$49.48 | 50\% | \$24.74 |
| swT01591 | Trane | SWITCH;DISCONNECT, 250A/600V, 3P SWT01591 | 1 | \$1,513.07 | 50\% | \$756.54 |
| sWT01605 | Trane | SWITCH;DISCONNECT, 100A/240V/480V,3P SWT01605 | 1 | \$671.66 | 50\% | \$335.83 |
| SWT01606 | Trane | SWITCHDISCONNECT, 100A, 600V, 3P. SWT01606 | 1 | \$1,000.45 | 50\% | \$500.23 |
| SWT01611 | Trane | SWITCH; THERMAL LIMIT OPEN AT 170F, CLOSE AT 140F, 5.8FLA @ 120V SWT01611 | 1 | \$20.46 | 50\% | \$10.23 |
| SWT01612 | Trane | SWITCH; THERMAL LIMIT, OPEN AT 190, CLOSE AT 160 DEG F, 5.8 FLA @ 120 SWT01612 | 1 | \$19.30 | 50\% | \$9.65 |
| SWT01613 | Trane | SWITCH; THERMAL LIMIT OPEN 210F, CLOSE 180F, 5.8 FLA @ 120V SWT01613 | 1 | \$19.84 | 50\% | \$9.92 |
| SWT01614 | Trane | SWITCH; THERMAL LIMIT, OPEN AT 220, CLOSE AT 190 DEG F, 5.8 FLA @ 120 SWT01614 | 1 | \$46.28 | 50\% | \$23.14 |
| swT01615 | Trane | SWITCH;ROCKER,DPST, 15A, 277VAC, ON-OFF SWT01615 | 1 | \$56.16 | 50\% | \$28.08 |
| SWT01635 | Trane | SWITCH; THERMAL LIMIT OPEN 180F, CLOSE 150F SWT01635 | 1 | \$21.39 | 50\% | \$10.70 |
| SWTO1638 | Trane | SWITCH;PRESSURE, , 50 PSI, .45WC, 300VA PILOT DUTY @ 115-277VAC SPDT SWTO1638 | 1 | \$235.40 | 50\% | \$117.70 |
| SWT01651 |  | SWITCH; THERMAL LIMIT OPEN 160F, CLOSE 130F, 5.8 FLA @ 120V SWT01651 |  |  |  |  |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. . BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated
Microprocessor-Controled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems. Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Itegrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Molled HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, $\quad$ Interface $\quad$, ather similar device, whize certain platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance: and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
ration, of mainten Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs howers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
A. General Purpose In,

A physical security and faciity system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' 'ocation in the event of a fire or emergency.


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A. General Purpose In, (e.g. phone, px,

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B. Audio-Video equi,

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|  |  |  |  | nty Period - \# of year(s) after |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | as required | Lstr | \% Discoumt | wrs |
| TiE00067 | Trane | TIE; 5.5" Natural cable TIE 100 PK | TIE00067 | 1 | \$12.00 | 50\% | \$6.00 |
| TIE00106 | Trane | TIE; 7 IINCH WHITE NYLON WIRE TIES | TEE00106 | 1 | \$6.65 | 50\% | \$3.33 |
| TIE00107 | Trane | TIE; 7 IINCH BLACK NYLON WIRE TIES (PACKAGE OF 100) | TEE00107 | 1 | \$6.93 | 50\% | \$3.47 |
| TIE00108 | Trane | TIE; 11 INCH BLACK NyLON WIRE TIES (PACKAGE OF 100) | TIE00108 | 1 | \$15.83 | 50\% | \$7.92 |
| TIE00118 | Trane | TIE 15 Inch White nylon wire ties (PACKAGE Of 100) | TEE00118 | 1 | \$18.40 | 50\% | \$9.20 |
| TIE00126 | Trane | TIE; BLACK NYLON TIE W/MOUNTING HOLE, 14 INCH, 100 PER PACK | TEE00126 | 1 | \$46.71 | 50\% | \$23.36 |
| TIE00133 | Trane | TIE; 4 INCH WHITE NYLON WIRE TIES | TIE00133 | 1 | \$3.88 | 50\% | \$1.94 |
| TIE00134 | Trane | TIE; 5 INCH White NYLon WIRE TIES (PACKAGE OF 100) | TIE00134 | 1 | \$6.03 | 50\% | \$3.02 |
| TIE00141 | Trane | TIE; 11 INCH White Nylon WIRE TIES (PACKAGE OF 100) | TIE00141 | 1 | \$13.58 | 50\% | \$6.79 |
| TIE00142 | Trane | TIE; 15 InCH White nylon WIRE TIES (PACKAGE OF 100) | TIE00142 | 1 | \$18.85 | 50\% | \$9.43 |
| TIE00143 | Trane | TIE; 5 INCH BLACK NYLON WIRE TIES (PACKAGE OF 100) | TIE00143 | 1 | \$6.30 | 50\% | \$3.15 |
| TIEE00147 | Trane | TIE; 15 INCH Black nylon wire ties (PACKAGE OF 100) | TIE00147 | 1 | \$18.55 | 50\% | \$9.28 |
| TIE00150 | Trane | TIE; 11 INCH BLACK NYLON WIRE TIES WITH MOUNTING HOLE (PACKAGE OF | TE00150 | 1 | \$44.93 | 50\% | \$22.47 |
| TIP00131 | Trane | TIP; A-2 Acetylene tip | TIP00131 | 1 | \$100.25 | 50\% | \$50.13 |
| TIP00132 | Trane | TIP; A-32 ACETYLENE TIP | TP00132 | 1 | \$261.36 | 50\% | \$130.68 |
| TIP00133 | Trane | TIP; T-4 PROPANE AND MAPP TIP | TIP00133 | 1 | \$155.76 | 50\% | \$77.88 |
| TIP00136 | Trane | TIP; T-3 PROPANE AND MAPP TIP | TIP00136 | 1 | \$130.66 | 50\% | \$65.33 |
| TIP00139 | Trane | TIP; PL-4T PROPANE AND MAPP TIP | TIP00139 | 1 | \$199.87 | 50\% | \$99.94 |
| TIP00142 | Trane | TIP; A-3 AIR/ACETYLENE TIP | TP00142 | 1 | \$104.14 | 50\% | \$52.07 |
| TIP00143 | Trane | tip; A-5 AIR/ACETYLENE TIP | TIP00143 | 1 | \$128.64 | 50\% | \$64.32 |
| TIP00144 | Trane | tip; A-8 AIR/ACETYLENE TIP | TIP00144 | 1 | \$135.36 | 50\% | \$67.68 |
| TIP00145 | Trane | TIP; A-11 AIR/ACETYLENE TIP | TIP00145 | 1 | \$142.95 | 50\% | \$71.48 |
| TIP00146 | Trane | TIP; AR/ACETYLENE TIP | TIP00146 | 1 | \$175.84 | 50\% | \$87.92 |
| TIP00147 | Trane | TIP; SELF LIGHTING ACETYLENE TIP | TIP00147 | 1 | \$130.30 | 50\% | \$65.15 |
| TIP00148 | Trane | TIP; PL-5A SELF LIGHTING ACETYLENE TIP | TIP00148 | 1 | \$166.98 | 50\% | \$83.49 |
| TIP00149 | Trane | TIP; PL-8A SELF LIGHTING ACETYLENE TIP | TP00149 | 1 | \$173.31 | 50\% | \$86.66 |
| TIP00156 | Trane | TIP; TURBOTORCH 8A-TE TPP END | TIP00156 | 1 | \$46.63 | 50\% | \$23.32 |
| TIP00172 | Trane | TIP; STK-31 EXTREME DUAL FUEL TORCH | TIP00172 | 1 | \$150.48 | 50\% | \$75.24 |
| T1P00179 | Trane | TIP; 44TL-TE TIP END | T1P00179 | 1 | \$45.65 | 50\% | \$22.83 |
| TMR00053 | Trane | timer; 30 MINUTE | TMR00053 | 1 | \$648.78 | 50\% | \$324.39 |
| TMR00059 | Trane | timer; Low Pressure, $1 \mathrm{~A}, 5 \mathrm{MIN}$. | TMR00059 | 1 | \$125.62 | 50\% | \$62.81 |
| TMR00072 | Trane | TIMER; SAFETY | TMR00072 | 1 | \$516.76 | 50\% | \$258.38 |
| TMR00118 | Trane | TIMER; PURGE - 30 SEC | TMR00118 | 1 | \$105.87 | 50\% | \$52.94 |
| TMR00138 | Trane | TIMER; PROGRAMMABLE, 2.5VA, 7 DAY, 24VAC, 50/60Hz W/O OUTER CASE | TMR00138 | 1 | \$409.46 | 50\% | \$204.73 |
| TMR00144 | Trane | timer Purge-60 Sec, plug-in card for microprocessor based inter c | ¢TMR00144 | 1 | \$179.66 | 50\% | \$89.83 |
| TMR00157 | Trane | TIMER; DELAY on make, knob adjustable 10 MIN .18 18-240VAC, 1.5 Amp, ${ }^{\text {I }}$ | :TMR00157 | 1 | \$18.50 | 50\% | \$9.25 |
| TMR00158 | Trane | timer; delay on make | TMR00158 | 1 | \$27.36 | 50\% | \$13.68 |
| TMROO159 | Trane | TIMER delay on make | TMROO159 | 1 | \$24.58 | 50\% | \$12.29 |
| TMR00160 | Trane | TIMER; DELAY ON BREAK | TMR00160 | 1 | \$13.20 | 50\% | \$6.60 |
| TMR00161 | Trane | TIMER; DELAY on break | TMR00161 | 1 | \$13.88 | 50\% | \$6.94 |
| TMR00162 | Trane | TIMER; DLLAY on break | TMR00162 | 1 | \$12.00 | 50\% | \$6.00 |
| TMR00163 | Trane | TIMER; DLLAY on break | TMR00163 | 1 | \$14.84 | 50\% | \$7.42 |
| TMR00164 | Trane | timer dual on/Off delay,adjustable | TMR00164 | 1 | \$43.99 | 50\% | \$22.00 |
| TMR00168 | Trane | timer; delay on break, 10 Min. adj W/6 in wire terminations | TMR00168 | 1 | \$10.50 | 50\% | \$5.25 |
| TMR00170 | Trane | TIMER; DLLAY ON BREAK, 10 MIN ADJUSTABLE | TMR00170 | 1 | \$16.08 | 50\% | \$8.04 |
| TMR00181 | Trane | TIMER; DIGITAL, 85 TO $240 \mathrm{VAC/VDC}, 8$ PIN SOCKET REQUIRED | TMR00181 | 1 | \$325.62 | 50\% | \$162.81 |
| TMR00199 | Trane | TIMER; SOLID STATE, DELAY ON BREAK, 25 MALE QC TERMINALS, 10 Amps I | tMroot99 | 1 | \$203.20 | 50\% | \$101.60 |
| TMR00214 | Trane | TIMER; ICM105B DELAY ON MAKE TIMER, 10 MIN. ADJ., NO JUMPER WIRE | TMR00214 | 1 | \$21.98 | 50\% | \$10.99 |
| TMR00220 | Trane | TIMER; INTERVAL DeLAY, SERIES, TIOR, 24VAC | TMR00220 | 1 | \$148.37 | 50\% | \$74.19 |
| TMR00231 | Trane | timer; Unversal electronic fan | TMR00231 | 1 | \$215.49 | 50\% | \$107.75 |
| TMR00232 | Trane | TIMER Defrost paragon 120V/60Hz 1 TO 6 defrost CYCLES Per day 2 -4 | TMR00232 | 1 | \$283.62 | 50\% | \$141.81 |
| TMR00233 | Trane |  | tmrooz33 | 1 | \$432.14 | 50\% | \$216.07 |
| TMR00234 | Trane | timer defrost invensvs/PARagon refrigeration for electric heat, I | ITMR00234 | 1 | \$269.90 | 50\% | \$134.95 |
| TMR00235 | Trane | TIMER Defrost invensys/PARAGON REFRIGERATION FOR ELLCTRIC HEAT, I | ITMR00235 | 1 | \$275.40 | 50\% | \$137.70 |
| TMR00236 | Trane | TIMER Defrost invensYs/PARAGON Refrigeration for electric heat t | tmrooz36 | 1 | \$329.38 | 50\% | \$164.69 |
| TMR00239 | Trane | timer defrost invensYs/PARAGON refrigeration mult-voltage 120, | , TMR00239 | 1 | \$284.20 | 50\% | \$142.10 |
| Tnk00043 | Trane | tank; oll cooler asm., 150 LBS. | Tnk00043 | 1 | \$5,157.12 | 50\% | \$2,578.56 |
| TnK00058 | Trane | tank oil cooler | TnK00058 | 1 | \$737.54 | 50\% | \$368.77 |
| TNK00083 | Trane | TANK; CONDENSING, ASSEMBIY, PURGE | TNK00083 | 1 | \$6,052.90 | 50\% | \$3,026.45 |
| TnK00838 | Trane | TANK ASME, 250-GALLON, 3/4" FLARE WITH BaLl valves, LOW PRESSURE (: | :TnK00838 | 1 | \$12,185.71 | 50\% | \$6,092.86 |
| TNK00858 | Trane | TANK; ASSEMBLY, CHARCOAL FLTTER, CFC-11, CFC-113 OR HCFC-123, SEE EXT | TNK00858 | 1 | \$1,376.75 | 50\% | \$688.38 |
| TNK00862 | Trane | tank; CARBON, PURGE, Insulated, with Charcoal pellets | TNK00862 | 1 | \$1,270.14 | 50\% | \$635.07 |
| TNK00865 | Trane | TANK; CONDENSATE, OP60 | TNK00865 | 1 | \$50.00 | 50\% | \$25.00 |
| TnK00867 | Trane | tank 30 Lb. R-410A REFRIGERANT CYIINDAR, 400 PSI | TNK00867 | 1 | \$388.72 | 50\% | \$194.36 |
| Tnk00905 | Trane | TANK; INCLUDES AIR PURGER \& FILL Valve, 1-1/4" | Tnk00905 | 1 | \$308.85 | 50\% | \$154.43 |
| ToL00101 | Trane | TOOL; TEST PLUG Kit | ToLo0101 | 1 | \$110.81 | 50\% | \$55.41 |
| TOL00170 | Trane | tool; Calibration kit, Less refrigerant canister | ToL00170 | 1 | \$911.29 | 50\% | \$455.65 |
| ToL00171 | Trane | TOOL; CHARGED CANISTER, CFC-11, 30 PPM (SHIPPING UOM 0.13 KG HAZ) | ToL00171 | 1 | \$421.16 | 50\% | \$210.58 |
| ToL00172 | Trane | TOOL; CHARGED CANISTER, HCFC-22, 30 PPM (SHIPPING UOM $0.12 \mathrm{KG} \mathrm{HAZ)}$ | ToL00172 | 1 | \$530.00 | 50\% | \$265.00 |
| ToL00173 | Trane | TOOL; CHARGED CANISTER, HCFC-123, 30 PPM (SHIPPING UOM 0.12 KG HAz | ToL00173 | 1 | \$421.16 | 50\% | \$210.58 |
| TOLO00174 | Trane | TOOL; CHARGED CANISTER, HFC--134A, 30 PPM (SHIPPING UOM 0.12 KGG HAi | TOLOO174 | 1 | \$421.16 | 50\% | \$210.58 |
| ToL00175 | Trane | tool Charged canister, COMPRESSED dry nitrogen (SHIPPING uom 0 . | ToL00175 | 1 | \$421.16 | 50\% | \$210.58 |
| ToL00178 | Trane | TOOL RATCHET WRENCH | ToL00178 | 1 | \$28.94 | 50\% | \$14.47 |
| ToL00179 | Trane | TOOL; FIN COMB | ToL00179 | 1 | \$27.20 | 50\% | \$13.60 |
| ToL00183 | Trane | TOOL REVERSIBLE RATCHET | ToL00183 | 1 | \$36.56 | 50\% | \$18.28 |
| TOLOO193 | Trane | Tool; Socket for large locknut, centravac motor thrust bearing | TOLOO193 | 1 | $\$ 2,046.97$ $\$ 125210$ | 50\% | \$1,023.49 |
| ToL00194 | Trane | TOOL; SOCKET FOR SMALL LOCKNUT, CENTRAVAC MOTOR THRUST BEARING | ToL00194 | 1 | \$1,252.10 | 50\% | \$626.05 |
| ToL00233 | Trane | TOOL; SPANNER WRENCH ( X -11981-1) | ToL00233 | 1 | \$16.47 | 50\% | \$58.24 |
| ToL00310 | Trane | TOOL; STICK METER, W/CAPACITANCE,H-VOLT BEEPER, UL LISTED | ToL00310 | 1 | \$157.50 | 50\% | \$78.75 |
| ToL00349 | Trane | TOOL; AVIATION SNIP, STRAIGHT CUT, YELLOW HANDLE | Tol00349 | 1 | \$28.78 | 50\% | \$14.39 |
| Toloo350 ToLoo351 | Trane Trane | TOOL; AVIATION SNIP, CUTS LEFT, RED HANDLE Tool AVIATIN SNIP, CUTS RIGHT, GREEN HANDLE | Toloo3s0 ToL0351 | 1 | $\$ 28.78$ $\$ 28.78$ | 50\% $50 \%$ | $\$ 14.39$ $\$ 14.39$ |
| Toloo351 ToL00374 | Trane Trane |  | Toloo351 ToL00374 | 1 | \$28.78 | 50\% | \$14.39 |
| Tol00374 ToL00376 | Trane Trane | TOOL; "VISE-GRIP" 7WR 7", 1-5/8" ADJ. <br> TOOL: "VISE-GRIP" 6R 6" C CLAMP | Tol00374 ToL00376 | 1 | $\$ 27.09$ $\$ 27.68$ | 50\% $50 \%$ | \$13.55 $\$ 13.84$ |
| Tol00376 ToL00413 | Trane Trane |  | Tol00376 | 1 | \$27.68 $\mathbf{\$ 5 1 7 . 8 0}$ | 50\% | \$13.84 |
| ToL00420 | Trane | TOOL; CHANNELLOCK ADJUTABLE WRENCH, $\mathrm{G}^{\prime \prime}$ LONG | ToL00420 | 1 | \$37.68 | 50\% | \$18.84 |
| ToL00421 | Trane | tool; Channellock aduustable wrench, $\mathrm{8}^{\prime \prime}$ LING | ToL00421 | 1 | \$45.13 | 50\% | \$22.57 |
| ToL00423 | Trane | TOOL; CHANNELIOCK ADJUSTABLE WRENCH, 12" LONG | ToL00423 | 1 | \$73.98 | 50\% | \$36.99 |
| TOL01027 | Trane | TOOL CONNECTOR CRIMPING HEAD (USED WITH TOLO1028) | TOL01027 | 1 | \$503.66 | 50\% | \$251.83 |
| ToL01028 | Trane | TOOL CONNECTOR CRIMPING HANDLE (USED WITH ToLo1027) | ToL01028 | 1 | \$305.31 | 50\% | \$152.66 |
| ToL01103 | Trane | tool; bllt tension checker | ToL01103 | 1 | \$44.74 | 50\% | \$22.37 |
| ToL01161 | Trane | TOOL; EVAC СомM, 230/60/1, 220/50/1, 3HP, 20A, еLLCTROMECHANICAL | ToL01161 | 1 | \$19,730.10 | 50\% | \$9,865.05 |
| ToL01163 | Trane | TOOL; EVAC COMM; 460/60/3, 415/50/3, 3HP, 15A, ELLCTROMECHANICAL C | ToL01163 | 1 | \$19,730.10 | 50\% | \$9,865.05 |
| ToL01227 | Trane | TOOL MINPURGE, 115/60/1, 110/50/1, 0.5HP, 15A | ToL01227 | 1 | \$8,451.11 | 50\% | \$4,225.56 |
| ToL01243 | Trane | TOOL HYPERWATT, 230-460/60/3, 220-415/50/3, 20/40A, SERVICE CART | ToL01243 | 1 | \$12,463.16 | 50\% | \$6,231.58 |
| ToL01343 | Trane | TOOL; SCREWDRIVER W/MAGNET (ACTIVATES PART FOR CONFIGURATION) | ToL01343 | 1 | \$12.57 | 50\% | \$6.29 |
| ToL01391 | Trane | TOOL; VACUUM/CHARGE WITH BALL VALVE | ToL01391 | 1 | \$110.60 | 50\% | \$55.30 |
| ToL01400 | Trane | TOOL, MINI TUBE CUTTER, $1 / 8$ In TO $7 / 8$ IN | ToL01400 | 1 | \$34.76 | 50\% | \$17.38 |
| ToL01401 | Trane | TOOL; BIG minit tube cutter, $1 / 4 \mathrm{in}$ TO $11 / 8 \mathrm{IN}$ | ToL01401 | 1 | \$84.30 | 50\% | \$42.15 |
| ToL01402 | Trane | TOOL, PREM. TUBE CUTTER, $1 / 8$ IN TO $11 / 8 \mathrm{IN}$ | ToL01402 | 1 | \$64.46 | 50\% | \$32.23 |
| ToL01403 | Trane | TOOL; SMALL MINN TUBE CUTTER, $1 / 8 \mathrm{IN}$ TO $5 / 8$ IN | ToL01403 | 1 | \$27.39 | 50\% | \$13.70 |
| ToL01407 | Trane | Tool, SWAGE/45 DEG. FLARING, $3 / 16 \mathrm{IN} \mathrm{TO} 3 / 4 \mathrm{~N}$ | ToL01407 | 1 | \$296.39 | 50\% | \$148.20 |
| ToL01408 | Trane | TOOL; STRT. REF. RATCHET, $1 / 4 \mathrm{~N}, 3 / 16 \mathrm{IN}, 3 / 8 \mathrm{IN}, 5 / 16 \mathrm{IN}$ | ToL01408 | 1 | \$24.66 | 50\% | \$12.33 |
| ToL01421 | Trane | tool; Adjustable fin straightener and cleaner w/LARGE handle | ToL01421 | 1 | \$25.14 | 50\% | \$12.57 |
| ToL01424 | Trane | Tool; MAX-FLOW deluxe oil PuMp | ToL01424 | 1 | \$264.81 | 50\% | \$132.41 |

The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. . BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated
Microprocessor-Controled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems. Microprocessor-Controlled HVAC Equipment in a building or faciity. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, interface Pand andor other similar device, which utilize certan platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance; and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs howers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The conract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not imited to:
A. Audio-Video Purs .

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Itegrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory Mond Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device ceng, but not limited to, a router, gateway, platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintena

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units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased rom these contracts for any other puppses, including, but not imited to
B. Audio-Video

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solety to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

|  |  |  |  | ny Period - \# of years) after |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | s required Clause $54^{\prime \prime}$ | List | \% | wvs |
| ToL02133 | Trane | TOOL; TURBOTORCH TX503 SELF LIGHTING HAND TORCH WITH TIP To | TOL02133 | 1 | \$146.74 | 50\% | \$73.37 |
| ToL02134 | Trane | TOOL; TURBOTORCH TX504 SELF LIGHting hand torch with tip Te | тоL02134 | 1 | \$164.45 | 50\% | \$82.23 |
| ToL02176 | Trane | TOOL; <IMTEX SHOP TOWELS, 110 PER BOX T | тоL02176 | 1 | \$45.13 | 50\% | \$22.57 |
| ToL02189 | Trane | TOOL; $7-1 / 2$ INCH LONG NOSE PLIERS W/SIDE CUTTERS | тоL02189 | 1 | \$50.95 | 50\% | \$25.48 |
| T0102209 | Trane | TOOL; MAGNETIC RETRIEVING TOOL; TELESCOPIC To | тоا02209 | 1 | \$8.66 | 50\% | \$4.33 |
| ToL02254 | Trane | TOOL HEX KEY AdAPTER FOR SOME YORK, GOODMAN AND AMANA VALVES T | тоL02254 | 1 | \$22.57 | 50\% | \$11.29 |
| ToL02259 | Trane | TOO 9 IN. HIGH-LEVERAGE SIDE-CUTTING PLIERS | тоL02259 | 1 | \$61.72 | 50\% | \$30.86 |
| ToL02260 | Trane | TOOL; 9 IN. HIGH-LEVERAGE SIIDE-CUTTING PLIERS, CONNECTOR CRIMPING T | ToL02260 | 1 | \$81.38 | 50\% | \$40.69 |
| ToL02261 | Trane | TOOL; 7 IN. HIGH-LEVERAGE DIAGONAL-CUTTING PLIERS | ToL02261 | 1 | \$46.49 | 50\% | \$23.25 |
| ToL02263 | Trane | Tool; 8 IN. HIGH-LEVERAGE DIAGONAL-CUTTING Plers, Angled head te | тоL02263 | 1 | \$50.42 | 50\% | \$25.21 |
| TOL02267 | Trane | TOOL; 8 IN. HEAVY-DUTY LONG-NOSE PLIERS, SIDE CUTTING To | тоا02267 | 1 | \$55.30 | 50\% | \$27.65 |
| TOLO2268 | Trane | TOOL 8 IN. HEAVY-DUTY LONG-NOSE PLIERS, SIDE CUTTING, WIRE STRIPPING $T$ | т0.02268 | 1 | \$75.31 | 50\% | \$37.66 |
| TOLO2269 | Trane | TOOL; 6 IN. STANDARD LONG-NOSE PLIERS, SIDE CUTTING Tomer | T0L02269 | 1 | \$42.53 | 50\% | \$21.27 |
| ToL02271 | Trane | TOOL 6 IN. SLIP-JOINT PLIERS Tores | тоL02271 | 1 | \$26.30 | 50\% | \$13.15 |
| ToL02272 | Trane | TOOL 61 IN . PUMP PLIERS To | тоL02272 | 1 | \$34.70 | 50\% | \$17.35 |
| ToL02273 | Trane | TOOL; 10 IN. PUMP PLIERS | тоL02273 | 1 | \$43.09 | 50\% | \$21.55 |
| ToL02274 | Trane | TOOL 12 IN. PUMP PLIERS | T0L02274 | 1 | \$53.35 | 50\% | \$26.68 |
| TOL02275 | Trane | TOOL 7 IIN. WIRE STRIPPERS/CUTTERS FOR SOLID AND STRANDED WIRE Toider | TOLO2275 | 1 | \$37.27 | 50\% | \$18.64 |
| ToL02276 | Trane | TOOL 61 IN . WIRE STRIPPERS/CUTTERS | T0.02276 | 1 | \$25.41 | 50\% | \$12.71 |
| TOL02277 | Trane | TOOL; KLEIN 1011, 6 IN. WIRE STRIPPERS/CUTTERS FOR SOLID AND STRANDE T | тоا02277 | 1 | \$24.40 | 50\% | \$12.20 |
| ToL02278 | Trane | TOOL KLEIN 1001, 8 IN. MULT-PURPOSE ELECTRICIANS TOOL, 8 -22 AWG SOL T | тоL02278 | 1 | \$47.11 | 50\% | \$23.56 |
| T0102279 | Trane | TOOL KLEEIN 1010, 8 IN. LONG-NOSE MULT-PURPOSE TOOL, $10-22$ AWG Tor | тоL02279 | 1 | \$40.83 | 50\% | \$20.42 |
| ToL02280 | Trane |  | тoL02280 | 1 | \$56.51 | 50\% | \$28.26 |
| ToL02282 | Trane | TOOL KLEIN 85075, 5 PIECE CUSHION-GRIP SCREWDRIVER SET | T0102282 | 1 | \$86.41 | 50\% | \$43.21 |
| TOL02283 | Trane | TOOL LLEIN 600-4, 4 IN. SCREWDRIVER, SQUARE-SHANK, KEYSTONE TIP T | TOL02283 | 1 | \$18.77 | 50\% | \$9.39 |
| TOLO2284 | Trane | TOOL KLEIN 601-6, 6 IN. SCREWDRIVER, ROUND-SHANK, CABINET TIP T | ToL02284 | 1 | \$15.98 | 50\% | \$7.99 |
| TOLO2285 | Trane | TOOL LLEIN 602-6, 6 IN. SCREWDRIVER, ROUND-SHANK, KEYSTONE TIP T | ToL02285 | 1 | \$21.74 | 50\% | \$10.87 |
| ToL02286 | Trane | TOOL LLEEN 603-4, 4IN. SCREWDRIVER, ROUND-SHANK, NO. 2 PHILLIPS TIP T | ToL02286 | 1 | \$16.36 | 50\% | \$8.18 |
| ToL02288 | Trane | TOOL; KLEIN 85076, 7 PIECE CUSHION-GRIP SCREWDRIVER SET T | ToL02288 | 1 | \$111.82 | 50\% | \$55.91 |
| ToL02291 | Trane | Tool kleln 603-3, 3 IN. SCREWDRIVER, ROUND-SHANK, NO. 1 PHILLIPS TIP T | ToL02291 | 1 | \$14.18 | 50\% | \$7.09 |
| ToL02292 | Trane | TOOL; KLEIN 600-6, 61 IN. SCREWDRIVER, SQUARE-SHANK, KEYSTONE TIP T | ToL02292 | 1 | \$22.68 | 50\% | \$11.34 |
| ToL02293 | Trane | TOOL; KLEIN 602-4, 4 IN. SCREWDRIVER, ROUND-SHANK, KEYSTONE TIP T | ToL02293 | 1 | \$17.77 | 50\% | \$8.89 |
| ToL02296 | Trane | TOOL KLEIN 603-1, 1.5 IN. SCREWDRIVER, ROUND-SHANK, NO. 2 PHILLIPS TIF T | Tol02296 | 1 | \$14.09 | 50\% | \$7.05 |
| T0102297 | Trane | TOOL KLEIN 603-7, 7 IN. SCREWDRIVER, ROUND-SHANK, NO. 2 PHILLIPS TIP T | ToL02297 |  | \$18.31 | 50\% | \$9.16 |
| ToL02298 | Trane | TOOL KLEIN 32477, $10-1 \mathrm{~N}-1$ SCREWDRIVER/NUT DRIVER | ToL02298 | 1 | \$29.68 | 50\% | \$14.84 |
| ToL02299 | Trane | TOOL 10-IN-1 SCREWDRIVER/NUT DRIVER Tor | ToL02299 | 1 | \$30.13 | 50\% | \$15.07 |
| ToL02300 | Trane | Tool klein 32482, REPLACEMENT BIT For 10-IN-1 SCREwDRIVER/NUT DRII T | Tolo2300 | 1 | \$7.81 | 50\% | \$3.91 |
| ToL02301 | Trane | TOOL KLEIN 32483, REPLACEMENT BIT FOR 10-IN-1 SCREWDRIVER/NUT DRIL T | Tolo2301 | 1 | \$7.68 | 50\% | \$3.84 |
| ToL02302 | Trane | TOOL; KLEIN 32484, REPLACEMENT BIT FOR 10-IN-1 SCREWDRIVER/NUT DRI T | ToL02302 | 1 | \$7.81 | 50\% | \$3.91 |
| ToL02315 | Trane | TOOL KLEIN K36, 6 IN. SLOTTED SCREW-HOLDING SCREWDRIVER T | ToL02315 | 1 | \$17.28 | 50\% | \$8.64 |
| ToL02317 | Trane | TOOL; 7-PIECE CUSHION-GRIP NUT DRIVER SET, 3 IN. SHANKS | ToL02317 | 1 | \$99.47 | 50\% | \$49.74 |
| ToL02319 | Trane | TOOL $1 / 4$ IN. CUSHION-GRIP NUT DRIVER, 3 IN. SHANK | ToL02319 | 1 | \$14.18 | 50\% | \$7.09 |
| ToL02320 | Trane | TOOL $5 / 16 \mathrm{IN}$. CUSHION-GRIP NUT DRIVER, 3 IN. SHANK | ToL02320 | 1 | \$14.36 | 50\% | \$7.18 |
| ToL02322 | Trane | TOOL; KLEIN $630-3 / 8,3 / 8 \mathrm{IN}$. CUSHION-GRIP NUT DRIVER, 3 IN. SHANK Tor | ToL02322 | 1 | \$14.80 | 50\% | \$7.40 |
| ToL02325 | Trane | TOOL KLEIN 647, 7-PIECE CUSHION-GRIP NUT DRIVER SET, 6 IN. SHANKS T | ToL02325 | 1 | \$108.32 | 50\% | \$54.16 |
| TOLO2328 | Trane | TOOL LLEIN $646-5 / 16,5 / 16 \mathrm{~N}$ N. CUSHION-GRIP NUT DRIVER, 6 IN. SHANK To | ToL02328 | 1 | \$15.50 | 50\% | \$7.75 |
| ToL02330 | Trane | TOOL; KLEIN $646-3 / 8,3 / 8 \mathrm{IN}$. CUSHION-GRIP NUT DRIVER, 6 IN. SHANK T | Tol02330 | 1 | \$15.93 | 50\% | \$7.97 |
| ToL02331 | Trane | TOOL; KLEIN $646-7 / 16,7 / 16$ IN. CUSHION-GRIP NUT DRIVER, 6 IN. SHANK T | ToL02331 | 1 | \$18.25 | 50\% | \$9.13 |
| ToL02350 | Trane | TOOL; KLEIN S86M, $1 / 4 \mathrm{I}$ IN. MAGNETIC NUT DRIVER, 6 IN. SHANK T | ToLO2350 | 1 | \$19.98 | 50\% | \$9.99 |
| ToL02351 | Trane | Tool; KLEIN S106M, $5 / 16 \mathrm{IN}$. MAGNETIC NUT D RIIVER, 6 IN. SHANK Tor | ToL02351 | 1 | \$21.60 | 50\% | \$10.80 |
| ToL02352 | Trane | TOOL KLEEN 650, CUSHION-GIIP SCRATCH AWL | ToL02352 | 1 | \$20.99 | 50\% | \$10.50 |
| ToL02354 | Trane | Tool klein d $507-6,6 \mathrm{IN}$. AdJustable wrench, Extra capacity tor | ToL02354 | 1 | \$45.95 | 50\% | \$22.98 |
| ToL02355 | Trane | TOOL KLEIN D507-8,8 in. Adustable wrench, extra capacity tor | ToL02355 | 1 | \$50.11 | 50\% | \$25.06 |
| ToL02356 | Trane | TOOL KLEIN D507-10, 10 IN. ADJUSTABLE WRENCH, EXTRA CAPACITY T | ToL02356 | 1 | \$63.43 | 50\% | \$31.72 |
| ToL02357 | Trane | TOOL KLEIN D507-12, 12 IN. ADJUSTABLE WRENCH, EXTRA CAPACITY T | ToL02357 | 1 | \$90.94 | 50\% | \$45.47 |
| ToL02358 | Trane |  | itolo2358 | 1 | \$30.96 | 50\% | \$15.48 |
| ToL02360 | Trane | TOOL; HEX-KEY SET, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4 T | ToL02360 | 1 | \$16.52 | 50\% | \$8.26 |
| ToL02363 | Trane | Tool klein llk 12, 12-PIECE L-STYLE Hex-key Caddy set tor | ToL02363 | 1 | \$20.56 | 50\% | \$10.28 |
| ToL02376 | Trane | TOOL KLEIN BLK12, 12-PIECE L-STYLE BALL-END HEX-KEY CADDY SET T | ToL02376 | 1 | \$41.69 | 50\% | \$20.85 |
| TOLO2397 | Trane | TOOL NO. 1 UNIBIT STEP DRILL, $1 / 8$ TO $1 / 2$ INCH SIZE RANGE, 13 INCREMEN T | ToL02397 | 1 | \$48.48 | 50\% | \$24.24 |
| TOLO2406 | Trane | TOOL NO. 14 UNIBIT STEP DRILL, $3 / 16$ TO $7 / 8$ INCH SIZE RANGE, 12 INCREME T | Tol02406 | 1 | \$98.35 | 50\% | \$49.18 |
| Tol02430 | Trane | TOOL; KLEIN TOOLS 12098, UNIVERSAL SIDE CUTTING PLIERS, CONNECTOR C T | tolo2430 | 1 | \$70.42 | 50\% | \$35.21 |
| ToL02437 | Trane | TOOL LLEIN D203-8N, 8 IN. HEAUY-DUTY LONG-NOSE PLIERS, SIDE CUTTING, T | ToL02437 | 1 | \$57.44 | 50\% | \$28.72 |
| ToL02440 | Trane | Tool klein 51425 Klein kleaners hand cleaning towels tor | ToLO2440 | 1 | \$31.81 | 50\% | \$15.91 |
| ToL02441 | Trane | TOOL TOOL TOTE WITH SHOULER STRAP To | ToLO2441 | 1 | \$159.86 | 50\% | \$79.93 |
| ToL02442 | Trane | TOOL; KLEEN 65512, 16-PIECE $1 / 2$ INCH DRIVE SOCKET WRENCH SET T | TOLO2442 | 1 | \$179.59 | 50\% | \$89.80 |
| TOL02453 | Trane | TOOL KLEIN 610M, TWO-PIECE SET MAGNETIC TIP NUT DRIVERS, HOLLOW SIT | ITOL02453 | 1 | \$35.15 | 50\% | \$17.58 |
| TOLO2455 | Trane | TOOL TWO-PIECE SET MAGNETIC TIP NUT DRIVERS, HOLLOW SHANK, $1 / 4$ AN T | tolo2455 | 1 | \$40.99 | 50\% | \$20.50 |
| ToL02459 | Trane | TOOL RATCHETING BOX WRENCH SET, 5 --PC W/POUCH Tor | ToL02459 | 1 | \$162.51 | 50\% | \$81.26 |
| ToL02466 | Trane | TOOL GRIP-IT HEX-KEY SET, 9 SIZES Tor | ToL02466 | 1 | \$12.82 | 50\% | \$6.41 |
| ToL02467 | Trane | TOOL 12 INCH GRIP-IT STRAP WRENCH Tor | ToL02467 | 1 | \$49.82 | 50\% | \$24.91 |
| ToL02470 | Trane | Tool; KLEIN $646-1 / 4 \mathrm{M}, 1 / 4$ INCH MAGNETIC TIP NUT DRIVER, 6 INCH SHANK T | ToL02470 | 1 | \$20.25 | 50\% | \$10.13 |
| ToL02471 | Trane | TOOL; KLEEN $646-5 / 16 \mathrm{M}, 5 / 16 \mathrm{IN}$. CUSHION-GRIP NUT DRIVER, 6 IN. SHANK, T | ToL02471 | 1 | \$22.03 | 50\% | \$11.02 |
| TOLO2484 | Trane | TOOL KLEIN 98002BT, CAP ExTRACTOR T | ToL02484 | 1 | \$14.72 | 50\% | \$7.36 |
| TOLO2485 | Trane | TOOL; KLEIN 98222 BBQ TOOLS | TOLO2485 | 1 | \$33.83 | 50\% | \$16.92 |
| ToL02496 | Trane | TOOL; KLEEN $600-1$, KEYSTONE-TIP SCREWDRIVER, $1-1 / 2$ INCH SHANK | TOLO2496 | 1 | \$13.86 | 50\% | \$56.93 |
| ToL02498 | Trane | TOOL; RATCHETING SCREWDRIVER W/4 BITS, SLOTTED AND PHILLIPS TIPS T | ToL02498 | 1 | \$54.95 | 50\% | \$27.48 |
| ToL02510 | Trane | Tool; KLEIN 1102S, AVIATION SNIPS, STRAIGHT CUTTING PATTERN T | ToL02510 | 1 | \$42.53 | 50\% |  |
| ToL02513 | Trane | TOOL ADJUSTABLE-HEAD CONSTRUCTION WRENCH, FITS NUTS AND Bolts ' ${ }^{\text {T }}$ | -ToL02513 | 1 | \$141.58 | 50\% | \$70.79 |
| ToL02515 | Trane | TOOL KLEIN, D302-6, CURVED LONG-NOSE PLIERS | TOLO2515 | 1 | \$53.41 | 50\% | \$26.71 |
| ToL02521 | Trane | TOOL; KURVED NM CABLE STRIPPLER/CUTTER, $10 / 2 \& 12 / 2,10$ \& 12 AWG SC | ( TOLO2521 | 1 | \$43.38 | 50\% | \$21.69 |
| TOL02522 | Trane | TOOL ELECTRICAL / MAINTENANCE MULT-TOOL To | TOLO2522 | 1 | \$162.48 | 50\% | \$81.24 |
| ToL02524 | Trane | Tool; CST-CPT CUTSKILL OXY Kit w/c.A. And tanks tor | ToLo2524 | 1 | \$802.01 | 50\% | \$401.01 |
| ToL02533 | Trane | tool powerline lg moblie phone holder, Cordura nylon, metal cl t | ToL02533 | 1 | \$30.88 | 50\% | \$15.44 |
| ToL02535 | Trane | TOOL POWERLINE SM MOBLLE Phone holder, CORDURA NYLON, METAL C T | Tolo2535 | 1 | \$31.36 | 50\% | \$15.68 |
| ToL02551 | Trane | tool; Aluminum torpedo level, rare earth magnets, 9 T | ToL02551 | 1 | \$48.65 | 50\% | \$24.33 |
| ToL02567 | Trane | TOOL SIDE-CUTTING PLIERS, NE-TYPE, 7 5/16" | ToL02567 | 1 | \$65.11 | 50\% | \$32.56 |
| ToL02573 | Trane | TOOL MAGNETIC NUT DRIVER, 6 " Hollow-Shaft, 3/8" Hex To | TOLO2573 | 1 | \$22.84 | 50\% | \$11.42 |
| TOL02579 | Trane | TOOL 5 -IN-1 SCREWDRIVER/NUT DRIVER WITH CUSHION-GRIP HANDLE T | TOLO2579 | 1 | \$20.80 | 50\% | \$10.40 |
| ToL02580 | Trane | TOOL; 2-PIECE COMP SET INCLU DIAG.-CUTTING PLIERS AND CABLE-CUTTER. T | ToL02580 | 1 | \$72.97 | 50\% | \$36.49 |
| ToL02585 | Trane | TOOL; JOURNEYMAN CRIMPING TOOL FOR INSULATED \& NON-INSULATED T T | тToL02585 | 1 | \$69.23 | 50\% | \$34.62 |
| ToL02586 | Trane | tool; Pocket non-contact ir thermometer and white led flashlig t | ToL02586 | 1 | \$64.50 | 50\% | \$32.25 |
| ToL02588 | Trane | TOOL; GENTEQ TECHINSPECT VARIABLE SPEED MOTOR DIAGNOSTIC TOOL T | TOLO2588 | 1 | \$290.09 | 50\% | \$145.05 |
| ToL02594 | Trane | TOOL; RATCHETING OFFSET BOX WRENCH SET, 3-PC W/POUCH T | TOLO2594 | 1 | \$82.53 | 50\% | \$41.27 |
| ToL02599 | Trane | TOOL; JOURNEYMAN 2000 SERIES DIAG.-CUTTING PLIERS, HI-LEVERAGE, AN T | TOLO2599 | 1 | \$78.01 | 50\% | \$39.01 |
| ToL02604 | Trane | TOOL JOURNEYMANN LONG-NOSE PLIERS, SIDE CUTTERS, 6-5/8" Toner | ToL02604 | 1 | \$51.28 | 50\% | \$25.64 |
| ToL02607 | Trane | TOOL; KNIFE SHARPENER, POCKET-SIZED | TOLO2607 | 1 | \$38.78 | 50\% | \$19.39 |
| ToL02619 | Trane | TOOL; JOURNEYMAN PUMP PLIERS, 10 " T | ToL02619 | 1 | \$56.41 | 50\% | \$28.21 |
| ToL02633 | Trane | TOOL NUT DRIVER, MAGNETIC CUSHION GRIP 18 " $\times 1 / 4$ " HoLlow shaft T | ToL02633 | 1 | \$44.44 | 50\% | \$22.22 |
| ToL02634 | Trane | TOOL; NUT DRIVER, MAGNETIC CUSHION GRIP 18" $\times$ / $/ 16$ " HoLLOw SHAFT T | ToL02634 | 1 | \$48.28 | 50\% | \$24.14 |
| ToL02658 | Trane | TOOL; REVERSIBLE RATCHETING OfFSET BOX WRENCH SET. 5 -PC W/POUCH T | ToL02658 | 1 | \$166.12 | 50\% | \$83.06 |
| ToL02664 | Trane | TOOL; AVIATION SNIPS, RIGHT CUTTING PATTERN | TOLO2664 | 1 | \$42.53 | 50\% | \$21.27 |
| ToL02670 | Trane | TOOL; STEEL TAPE, POWER-RETURN, HIGH-VIIIBLIIT, 25' ${ }^{\text {1 }}{ }^{\prime \prime}$ T | ToL02670 | 1 | \$38.72 | 50\% | \$19.36 |
| ToL02674 | Trane | TOOL JAB SAW W/6" BLADE T | ToL02674 | 1 | \$24.66 | 50\% | \$12.33 |
| ToL02677 | Trane | TOOL; LT16A METER, INCLUDES LT16B TRUE-RMS METER, ACH4 CLAMP, ADL T | ToL02677 | 1 | \$253.50 | 50\% | \$126.75 |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
. Itegrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory Morled HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and . products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance; and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
of Integrated Microprocessor-Based HVAC Equipment;

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs howers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
A. General Purpose Iudio-Video elecommica.

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' $\mathbf{l o c a t i o n ~ i n ~ t h e ~ e v e n t ~ o f ~ a ~ f i r e ~ o r ~ e m e r g e n c y . ~}$


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2. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to a router, gateway Fit etc.) to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated
platforms/systems.
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
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A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
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b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance; and
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A. General Purpose Iudio-Video erwent or systems (e.g. smart boards projectors, studio broadcasting, conference reoms video video conferencing equipment, Theatre Screens/Displays etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely us
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
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c）As part of the and in conjunction with the contractor providing the aforementioned 11 ，systems ingration，or mainten ef Integrated Microprocessor－Based HVAC Equipment

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|  |  |  | Period－\＃of year（s）after |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Clause 54 | Lst | \％ | wvs Net Pric |
| VALO1118 | Trane | Valve；Unloader Asm．Valo1118 | 1 | \＄133．79 | 50\％ | \＄66．90 |
| VALO1121 | Trane | Valve；discharge asm．Valo1121 | 1 | \＄388．30 | 50\％ | \＄194．15 |
| VALO1122 | Trane | Valve；RING DISCHARGE VAL01122 | 1 | \＄82．04 | 50\％ | \＄41．02 |
| vaL01123 | Trane | Valve；RING SUCTION Valo1123 | 1 | \＄137．05 | 50\％ | \＄68．53 |
| VALO1166 | Trane | VaLVE；SUCTION，MODEL M COMPRESSOR VALO1166 | 1 | \＄59．50 | 50\％ | \＄29．75 |
| VALO1190 | Trane | Valve；gas，natural 480 K BTUH， 75 NPt in $\times 1.0$ NPt OUt 24 V VAL0190 | 1 | \＄556．74 | 50\％ | \＄278．37 |
| VALO1193 | Trane | Valve；Expansion，（R22）XVE－71 1／2－CP100， $1 / 2 \times 7 / 8$ ODF，30＂CAP， $1 / 4$＂Oc VAL0193 | 1 | \＄250．07 | 50\％ | \＄125．04 |
| VAL01274 | Trane | Valve；hot gas by－pass valo1274 | 1 | \＄844．94 | 50\％ | \＄422．47 |
| vaL01443 | Trane | Valve；Water regulating 1．50 flg， 150 PSI maX，direct acting press fvalo1443 | 1 | \＄788．22 | 50\％ | \＄394．11 |
| vaL01477 | Trane | Valve；EXPANSION，（R22）OVE－15－GA 5／8 $\times 1-1 / 8$ OdF， $5^{\prime}$＇CAP，1／4＂SAE EQU VALO1477 | 1 | \＄456．66 | 50\％ | \＄228．33 |
| VALO1478 | Trane | Valve；expansion，（R22）InLet ． 875 ，OUTLLet 1．375， 20 TONS，R22 Valo1478 | 1 | \＄567．12 | 50\％ | \＄283．56 |
| VALO1483 | Trane | VALVE；BODY， $44-20$ THD X .25 ODS，STRAIGHT，BRASS，LESS CORE VALO1483 | 1 | \＄17．62 | 50\％ | \＄8．81 |
| VALO1484 | Trane | Valve；expansion，（R22）XVE－5－CP100，1／2 $27 / 8$ ODF，30＂CAP，1／4＂ODF EVALO1484 | 1 | \＄383．58 | 50\％ | \＄191．79 |
| VAL01487 | Trane | Valve；reller，Straight， 1 MPT X 1 FPT， 300 PSIG Valo1487 | 1 | \＄231．52 | 50\％ | \＄115．76 |
| VALO1536 | Trane | valve balancing valo1536 | 1 | \＄54．40 | 50\％ | \＄27．20 |
| VALO1548 | Trane | Valve；expansion，（R22）Inlet 875 Elbow，outlet 1．125， 30 ton valo1548 | 1 | \＄542．12 | 50\％ | \＄271．06 |
| VALO1613 | Trane |  | 1 | \＄230．30 | 50\％ | \＄115．15 |
| VALO1629 | Trane | VALVE；DIAPHRAGM，3／4 IN．W／VITON DIAPHRAGM（DIA00063）VAL01629 | 1 | \＄1，129．05 | 50\％ | \＄564．53 |
| VALO1651 | Trane | Valve；RELIE，STRAIGHT， 1 MPT X 1 FPT， 235 PSIG VAL01651 | 1 | \＄438．68 | 50\％ | \＄219．34 |
| VAL01675 | Trane | Valve；CHECK ASSEMBLY，R COMPRESSOR VAL01675 | 1 | \＄277．64 | 50\％ | \＄138．82 |
| VAL01827 | Trane | Valve：EXPANSION，（R22）INLET ． 625 ELBow，OUtLET 1．125， 20 TON，R22 VAL01827 | 1 | \＄525．83 | 50\％ | \＄262．92 |
| VALO1829 | Trane | Valve；solenoid， 2 WAY，NORMALY Closed，7／8 OdF Solder， $19 / 32$ InCH VALO1829 | 1 | \＄717．01 | 50\％ | \＄358．51 |
| vaL01831 | Trane | Valve；solenoid， 875 ODS，120／50－60 CoIl volts valo 8331 | 1 | \＄597．22 | 50\％ | \＄298．61 |
| VALO1895 | Trane | Valve；water regulating， $2-1 / 2 \mathrm{IN}$ ． | 1 | \＄1，362．58 | 50\％ | \＄681．29 |
| VALO1902 | Trane | Valve；EXPANSION，（R22）BIVE－4－CP100，3／8 $\times 5 / 8$ ODF，30＂CAP，1／4＂ODF E VALO1902 | 1 | \＄186．59 | 50\％ | \＄93．30 |
| VAL01903 | Trane | VALVE；DISCHARGE BYPASS VAL01903 | 1 | \＄791．60 | 50\％ | \＄395．80 |
| VALO1917 | Trane | VALO1917；SOLENOID GAS，120V，CONN．． 25 X． 25. | 1 | \＄142．28 | 50\％ | \＄71．14 |
| VAL01957 | Trane |  | 1 | \＄328．21 | 50\％ | \＄164．11 |
| VaL01958 | Trane |  | 1 | \＄330．48 | 50\％ | \＄165．24 |
| valo2150 | Trane | Valve；solenoid，1．125 ODS，110－120／50－60 Volt coil valoz150 | 1 | \＄737．43 | 50\％ | \＄368．72 |
| VALO2178 | Trane | VaLVE；MODULATING \＆REGULATING（NOT THE GAS VALVE）MAIXTROL SYYT VALO2178 | 1 | \＄617．02 | 50\％ | \＄308．51 |
| VALO2185 | Trane | Valve；Refrig，service， 1.36 ID，SUCTION LINE，FOR CAP ONLY USE CAPO04．VALO2185 | 1 | \＄177．65 | 50\％ | \＄88．83 |
| VALO2187 | Trane | VALVE；REFRIG，SERVICE， 501 ID VALO2187 | 1 | \＄89．96 | 50\％ | \＄44．98 |
| VALO2188 | Trane | Valve；（r－22）EXPANSION，InLet ．50，OUTLET $.88,8$ TON（ANE 8 HW OdF Ee 3 VALO2188 | 1 | \＄212．07 | 50\％ | \＄106．04 |
| vaLo2326 | Trane | Valve；Gas－LP， 2 Stage， $3 / 4 \mathrm{IN}$ ．X $3 / 4 \mathrm{IIN}$ ．，SPARK IGN．VALO2326 | 1 | \＄270．05 | 50\％ | \＄135．03 |
| VALO2327 | Trane | Valvemaxitrol system mr 410， $1 / 2 \mathrm{INCH}$ ，natural gas valo2327 | 1 | \＄218．40 | 50\％ | \＄109．20 |
| valoz329 | Trane | Valvemaxitrol sYstem mr，510，3／4 Natural gas valoz329 | 1 | \＄628．05 | 50\％ | \＄314．03 |
| VALO2330 | Trane | VaLVE；MAXITROL SYSTEM，MR610 1 INCH，NATURAL GAS ${ }^{\text {a }}$ ，VALO2330 | 1 | \＄648．57 | 50\％ | \＄324．29 |
| VALO2333 | Trane | VALVE；SOLENOID， 87 PORT， 88 ODS 110－120V，INCLUDES COL3768 VALO2333 | 1 | \＄544．01 | 50\％ | \＄272．01 |
| VALO2336 | Trane | VALVE；ANGLE，1．125 ODS VALO2336 | 1 | \＄116．89 | 50\％ | \＄58．45 |
| VALO2368 | Trane | VaLVE；（P－22）EXPANSION，THERMOSTATIC，ADJUSTABLE， 1.0 Ton， $3 / 81 \mathrm{IN} .1 \mathrm{INL}$ VALO2368 | 1 | \＄216．29 | 50\％ | \＄108．15 |
| VALO2369 | Trane | Valve；（ P －22）EXPANSION，THERMOSTATIC，AdJustable， 1.5 ToN， $3 / 8 \mathrm{IIN}$ ．InL Valo2369 | 1 | \＄147．81 | 50\％ | \＄73．91 |
| vaL02370 | Trane | Valve；（R－22）EXPANSION，THERMOSTATIC，AdJustable， 2.0 ToN，3／8IN．InLe Valo2370 | 1 | \＄216．29 | 50\％ | \＄108．15 |
| vaLo2371 | Trane | Valve；（R－22）EXPANSION，THERMOSTATIC，ADJUSTABLE， 2.5 To TON，3／8IN．INLLE VALO2371 | 1 | \＄147．81 | 50\％ | \＄73．91 |
| VALO2372 | Trane | VaLVE；（R－22）EXPANSION，THERMOSTATTC，ADJUSTABLE， 3.0 Ton， $3 / 8$ IN INL VALO2372 | 1 | \＄216．29 | 50\％ | \＄108．15 |
| VALO2373 | Trane | VaLVE；（R－22）EXPANSION，THERMOSTATIC，ADJUSTABLE， 4.0 TON，3／8IN．InLL VALO2373 | 1 | \＄266．59 | 50\％ | \＄133．30 |
| VALO2375 | Trane | VaLVE；（R－22）EXPANSION，THERMOSTATIC，ADJUSTABLE， 4.0 TON， $1 / 2 \mathrm{IN}$ ．InLl VALO2375 | 1 | \＄147．81 | 50\％ | \＄73．91 |
| VAL02376 | Trane | VaLVE；（R－22）EXPANSION，THERMOSTATIC，AdJustable， 5.0 TON，3／8IN．InLe Val 232376 | 1 | \＄216．29 | 50\％ | \＄108．15 |
| VALO2377 | Trane | VaLLE；（ P －22）EXPANSION，THERMOSTATIC，ADJUSTABLE， 5.0 Ton， $1 / 21 \mathrm{IN}$ ．INL VALO2377 | 1 | \＄147．81 | 50\％ | \＄73．91 |
| VAL02378 | Trane | Valve；（R－22）EXPANSION，THERMOSTATIC，AdJustable， 5.0 Ton，1／2IN．InLe Valo2378 | 1 | \＄216．29 | 50\％ | \＄108．15 |
| VALO2381 | Trane | Valve；expansion，thermostatic， 10.0 TON， $5 / 8 \mathrm{INN}$ ．InLET X $7 / 8 \mathrm{IN}$ ．OUTLET，VALO2381 | 1 | \＄397．50 | 50\％ | \＄198．75 |
| VALO2395 | Trane | VaLVE；2－WAY NORMALYY CLOSED SOLENOID，3／8 ODF，7／64＂PORT，LIQ．OR VALO2395 | 1 | \＄138．53 | 50\％ | \＄69．27 |
| vaLo2396 | Trane |  | 1 | \＄107．60 | 50\％ | \＄53．80 |
| VALO2399 | Trane | Valve； 2 WAY Norm closed solenoid 3／8 ODF， $1 / 4$ Port，w／ExT Ends Ar valo2399 | 1 | \＄195．30 | 50\％ | \＄97．65 |
| VALO2402 | Trane | Valve；2WAY norm closed solenoid 1／2 Odf，5／16 PORT，w／Ext ends valo2402 | 1 | \＄195．08 | 50\％ | \＄97．54 |
| VALO2403 | Trane |  | 1 | \＄209．87 | 50\％ | \＄104．94 |
| VALO2407 | Trane | VALVE；SLENOID， $300 \mathrm{PSI}, 5 / 8 \mathrm{IN}$ ．ODF， $3 / 8$ PORT SIIE，W／O COILS（200RB6T：VALO2407 | 1 | \＄198．93 | 50\％ | \＄99．47 |
| VALO2410 | Trane | VaLVE；SLENOID， 300 PSI， $5 / 8 \mathrm{IN}$ ．OdF， $1 / 2$ PORT SIIE，w／O COILS（240RABTT：VALO2410 | 1 | \＄151．46 | 50\％ | \＄75．73 |
| VALO2413 | Trane |  | 1 | \＄361．03 | 50\％ | \＄180．52 |
| VALO2415 | Trane |  | 1 | \＄524．41 | 50\％ | \＄262．21 |
| VALO2417 | Trane | Valve； SLLENOID，$^{300}$ PSI， $11 / 8 \mathrm{IN}$ ．OdF， 1 PORT SIZE，W／O COILS（240RA16T Valo2417 | 1 | \＄785．04 | 50\％ | \＄392．52 |
| VALO2475 | Trane | Valve；angle， 62 ODS，FOR CAP ONLY USE CAP0444 VALO2475 | 1 | \＄78．69 | 50\％ | \＄39．35 |
| VALO2476 | Trane | Valve；GAs，Nat．， 335 BTUH，120V，CONN．． $75 \times$ X 75,2 －STAGE VALO2476 | 1 | \＄285．98 | 50\％ | \＄142．99 |
| VALO2520 | Trane | Valve；$⿴ 囗 ⿱ 一 一$－22 EXPANSION， $21 / 2$ TON， 50 OUTLET， 50 InLet（ANEB $21 / 2 \mathrm{HB}$ or valo2520 | 1 | \＄141．06 | 50\％ | \＄70．53 |
| vaLo2575 | Trane | Valve：angle， 88 OdS，FOR CAP Only use Capo444 Valo2575 | 1 | \＄90．17 | 50\％ | \＄45．09 |
| VALO2665 | Trane | VaLVE；RELIEF，3／3／IN．NPTI，FACTORY SETPOINT 22 PPIG，10－30 PIIG PIIG RELII VALO2665 | 1 | \＄364．68 | 50\％ | \＄182．34 |
| VALO2686 | Trane | Valve；oll pressure regulating（LH CONNECTION）Valo2686 | 1 | \＄2，318．75 | 50\％ | \＄1，159．38 |
| VAL02771 | Trane | Valve：SOLENOID VALO2771 | 1 | \＄224．29 | 50\％ | \＄112．15 |
| VALO2775 | Trane | VaLVE：EXPANSION，（R22）3／8IN．InLet \＆7／8IN．OUTLET， 45 PSIG VALO2775 | 1 | \＄575．51 | 50\％ | \＄287．76 |
| VALO2824 | Trane | Valve；thermostatic expansion，balanced port， 5 FT CAP TUBE，GA Cr valo2824 | 1 | \＄840．19 | 50\％ | \＄420．10 |
| VALO2827 | Trane | Valve；relef， 50 NPTE X ． 62 MFL ， 425 PSI VALO2827 | 1 | \＄91．44 | 50\％ | \＄45．72 |
| vaLo2843 | Trane | Valve；solenoid， $1 / 4$ NPTE，MALE UNLOADER VALO2843 | 1 | \＄139．36 | 50\％ | \＄69．68 |
| VALO2852 | Trane | VaLVE；EXPANSIION，（R22）Y－929－OVE－GA 7／8 $\times 1-3 / 8$ ODF， $55^{\text {c CAP，}} 1 / 4 / 4$ SAE EVALO2852 | 1 | \＄270．60 | 50\％ | \＄135．30 |
| VALO2864 | Trane | Valve；solenoid， 88 OdS， 12 VdC，Normally closed， 150 IN．LEADS，For valo2864 | 1 | \＄593．00 | 50\％ | \＄296．50 |
| VALO2869 | Trane | Valve；REGULATING， 1.12 ODS，110－120V， $50 / 60 \mathrm{~Hz}$ VALO2869 | 1 | \＄2，229．99 | 50\％ | \＄1，115．00 |
| VAL02872 | Trane | VALVE；GAS，NATURAL，，－STAGE，120V，SIIE NPT 1．00，RAPID OPENING VALO2872 | 1 | \＄349．98 | 50\％ | \＄174．99 |
| VALO2875 | Trane | Valve；（R－22）EXPANSION， 50 OdF InLet， 88 OdF OUTLET， 8 HCA OdF，EXTEF VALO2875 | 1 | \＄260．66 | 50\％ | \＄130．33 |
| VALO2907 | Trane | Valve；Expansion，1．5 TON（R22）VAlo2907 | $1$ | $\$ 298.23$ | 50\％ | \＄149．12 |
| VALO2920 VALO2946 | Trane Trane |  | 1 1 | \＄383．58 $\$ 215.82$ | 50\％ | \＄191．79 $\$ 107.91$ |
| VALO2962 | Trane | VALEE；POWER ASSEMBLY，LESSS CAGE，FLANGE \＆HARDWARE，R－22（XB－103 VALO2962 | 1 | \＄162．21 | 50\％ | \＄81．11 |
| VALO2978 | Trane | Valve；REFRIG TXV 2.5 TON ANGLE VALVE，（R22）． 38 SAE FLARE IN X 50 SAE VALO2978 | 1 | \＄186．59 | 50\％ | \＄93．30 |
| VALO2979 | Trane | VALVE；REFRIG，TXV， 4 TON ． 50 ODF INX .50 OdF OUT VALO2979 | 1 | \＄147．59 | 50\％ | \＄73．80 |
| VALO2980 | Trane | Valve；（ P －22）REFRIG，TXV， 5 TON ． 50 ODF INX .50 OdF OUT（ANE 5HCA ODF VALO2980 | 1 | \＄212．07 | 50\％ | \＄106．04 |
| VALO2990 | Trane | VALVE；GAS，NATURAL，100BTUH，24V，CONN． $50 \times$ X 50, SLOW OPENING VALO2990 | 1 | \＄139．18 | 50\％ | \＄69．59 |
| VALO2992 | Trane | Valve；GAS－NATURAL， $100 \mathrm{MBH}, 0.50 \times 0.75$ WITH REDUCER TO $0.50,24 \mathrm{VA} \mathrm{VALO2992}$ | 1 | \＄290．52 | 50\％ | \＄145．26 |
| VALO3015 | Trane | VALVE；EXPANSION，LESS FLANGE，TX050， 5 TON， 5 FT．CAP．，R22（TCLE5HWS VALO3015 | 1 | \＄220．95 | 50\％ | \＄110．48 |
| VALO3016 VALO3017 | Trane Trane | VALVE；EXPANSION，LESS FLANGE，TX075， 7 1／2 TON，5 FT．CAP，R22（TCLE7 1／VALO3016 VALVE：EXPANSION，LESS FLANGE，TX100， 10 TON， 5 FT．CAP，R22（TCLE10HW VALO3017 | 1 1 | \＄220．95 $\$ 220.95$ |  | $\$ 110.48$ $\$ 110.48$ |
| VALO3017 VALO3019 | Trane | VALVE；EXPANSION，LLSS FLANGE，TX100， 10 TON， 5 FT．CAP，R22（TCLE10HW VALO3017 | 1 | \＄220．95 $\$ 41882$ | 50\％ | \＄110．48 |
| VALO3019 VALOO2021 | Trane | Valve：EXPANSION，LESS FLANGE，TX140， 14 TON， 5 FT．CAP，R22（TJRE14HW VALO3019 VALVE：EXPANSION，LESS FLANGE，TX220， 22 ToN， 10 FT．CAP，R22（TER22HU VALO3021 | 1 | \＄418．82 $\$ 567.96$ | 50\％ | \＄209．41 $\$ 283.98$ |
| vaLO3022 | Trane | VALVE； EXPA ASSION，LESS FLANGE，TX260， 26 TON， 10 FT．CAP，R22（TER26HW VALO3022 | 1 | \＄567．96 | 50\％ | \＄283．98 |
| valo3023 | Trane | Valve；expansion，less flange，TX350， 35 Ton， 10 FT．CAP，R22（TER35Hu valo3023 | 1 | \＄567．96 | 50\％ | \＄283．98 |
| VALO3026 | Trane | VALVE：EXPANSION，LESS FLANGE，TX7750， 75 TON， 10 FT．CAP，R22（THR75HV VALO3026 | 1 | \＄860．99 | 50\％ | \＄430．50 |
| VALO3217 | Trane | VaLVE；SOLENOID， 2 WAY， $11 / 8 \mathrm{IN}$ ．OD INLET AND OUTLET，NORMALY OPER VALO3217 | 1 | \＄783．69 | 50\％ | \＄391．85 |
| valo3218 | Trane | Valve；Solenoid， 2 WAY，1／4 NPTI， 120 V COIL，R－123 COMPATIBLE VALO3218 | 1 | \＄257．81 | 50\％ | \＄128．91 |
| VALO3235 | Trane | Valve：ANGLE， $1.12 \mathrm{ODS} \times 1.62$ OD VALO3235 | 1 | \＄419．19 | 50\％ | \＄209．60 |
| VALO3236 | Trane | Valve；angle， 1.38 ODS X 1．62 OD CAP ONLY－CAP0447 VALO3236 | 1 | \＄600．20 | 50\％ | \＄300．10 |
| valo3245 | Trane | Valveassembly，flow control valo3245 | 1 | \＄293．70 | 50\％ | \＄146．85 |
| VALO3249 | Trane | VaLVE；EXPANSION，INLET 1／4 ODS，OUTLET 3／8 0ds， 9 PSIG VALO3249 | 1 | \＄198．88 | 50\％ | \＄99．44 |
| VALO3290 | Trane | Valvexpansion，（R22）INLET ．88，OUTLET 1．13， 10 TON VALO3290 | 1 | \＄482．81 | 50\％ | \＄241．41 |
| VALO3358 | Trane | Valve gas plot valo3358 | 1 | \＄396．85 | 50\％ | \＄198．43 |
| VALO3364 | Trane | Valve， 38 ODX． 25 FL VALO3364 | 1 | \＄64．76 | 50\％ | \＄32．38 |
| VALO3518 | Trane | Valve；angle（DISCHARGE SERVICE Valve）Valo3518 | 1 | \＄192．31 | 50\％ | \＄96．16 |
| VALO3520 | Trane | VALVE；SOLENOID，LESS COIL（． 62 ODS X ． 62 OD） | 1 | \＄554．01 | 50\％ | \＄277．01 |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
. Itegrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory Monded HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor ontrolled HVAC Equipment using a device including, but not limited to, a router, gateway, interface platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance: and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
e) As part of the and in conjunction with the contractor providing the aforementioned distalicn, systems ingration, or mainten ef Integrated Microprocessor-Based HVAC Equipment

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1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs howers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not imited to
A. General Purpose I, Telecommumicaions, Networking Cabing,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely use
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


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. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned install 10 , systems integration, or mainten

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs showers, water fountains, water heaters hot water tanks, garbage disposal
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|  |  | Product Descripition |  | arranty Period - \# of year(s) after ptance as required by Appendix B, |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | squired | Lst Price | \% Discoum | wvs not Picte |
| WHL02165 | Trane | WHEELCutter Wheels for 60121 and 60142 Tube Cutters | WHL02165 | 1 | \$13.17 | 50\% | \$6.59 |
| WHL02167 | Trane | WHELL; FAN, 10.62 DIA X 10.68 W , 50 BORE, CCW, CONCAVE | WHL02167 | 1 | \$104.44 | 50\% | \$52.22 |
| WHLO2168 | Trane | WHEEL ; FAN, 11.87 DIA 11.93 W , 50 BORE, CCW, CONCAVE. InCludes $5 / 1 \mathrm{~W}$ | WHL02168 | 1 | \$119.51 | 50\% | \$59.76 |
| WHL02169 | Trane | WHELL; FAN, 12.78 DIA X 11.12 W , 50 BORE, CCW, CONCAVE | WHL02169 | 1 | \$153.51 | 50\% | \$76.76 |
| WHL02170 | Trane | WHELL; FAN, 11.87 DIA X 11.93W, 75 BORE, CCW, CONCAVE | WHL02170 | 1 | \$171.64 | 50\% | \$85.82 |
| wHL02172 | Trane | WHELL; CUTTER FOR 60101, 60102, 60103,60160 TUBE CUTTERS | WHL02172 | 1 | \$13.36 | 50\% | \$6.68 |
| WHL02174 | Trane | WHEEL; INDOOR FAN, 5.50 DIA $\times 27.250 .50$ BORE, W/SET SCREW, CW ROT/ $/$ | WHL02174 | 1 | \$366.20 | 50\% | \$183.10 |
| WHLO2175 | Trane | WHEEL; INDOOR FAN, 5.50 diA 38.0000 .50 BORE, W/SET SCREW, CW ROT/ $/$ | WHL02175 | 1 | \$646.56 | 50\% | \$323.28 |
| WHLO2204 | Trane | WHEEL; BLOWER, 12.87 DIA X 12.62W, 1.0 BORE, CW | WHLO2204 | 1 | \$172.82 | 50\% | \$86.41 |
| wHLO2206 | Trane | Wheel; fan | WHL02206 | 1 | \$179.84 | 50\% | \$89.92 |
| WHL02207 | Trane | wheli fan | WHL02207 | 1 | \$263.14 | 50\% | \$131.57 |
| WHL02220 | Trane | Wheel; in fan | WHL02220 | 1 | \$98.60 | 50\% | \$49.30 |
| WHL02267 | Trane | wheel ventor (125-350) | WHL02267 | 1 | \$148.02 | 50\% | \$74.01 |
| WHL02343 | Trane | WHEEL; FAN, SIIE 0300 LOW VERT FAN COIL, CW | WHL02343 | 1 | \$386.00 | 50\% | \$193.00 |
| wHLO2344 | Trane | Wheti; FAn, SIZE 0400 LOW VERT FAN Coil, cw | WHL02344 | 1 | \$396.06 | 50\% | \$198.03 |
| WHL02345 | Trane | WHEEL; FAN, SIZE 0600 LOW VERT FAN COIL, cw | WHL02345 | 1 | \$416.36 | 50\% | \$208.18 |
| WHLO2346 | Trane | Wheel; fan, SIzE 0300 Low vert fan coil, ccw | WHL02346 | 1 | \$414.65 | 50\% | \$207.33 |
| WHL02347 | Trane | WHEEL; FAN, SIZE 0400 Low vert fan coil, ccw | WHL02347 | 1 | \$399.20 | 50\% | \$199.60 |
| WHL02348 | Trane | WheEl; FAN, SIZE 0600 Low vert fan coil, ccw | WHL02348 | 1 | \$428.88 | 50\% | \$214.44 |
| WHL02404 | Trane | wheel; fan, size 5 | WHLO2404 | 1 | \$147.16 | 50\% | \$73.58 |
| WHLLO2514 | Trane | WHEEL FAN, 12.63 DIA $\times 12.64 \mathrm{~W}$, 50 BORE, CCW | WHLL2514 | 1 | \$229.27 | 50\% | \$114.64 |
| WHLO2523 | Trane | Wheli; Roller | WHLO2523 | 1 | \$90.00 | 50\% | \$45.00 |
| WHL02581 | Trane | WHEEL 16.50, DWDI, 4.0 BORE, FC FAN | WHL02581 | 1 | \$2,765.84 | 50\% | \$1,382.92 |
| WHLO2583 | Trane | WHEEL 13.50 , DWDI, 3.0 BORE, FC FAN | WHL02583 | 1 | \$2,865.78 | 50\% | \$1,432.89 |
| WHL02758 | Trane | WHELL; 9.88 DIA 5.41 WIDTH | WHL02758 | 1 | \$278.39 | 50\% | \$139.20 |
| WHL02854 | Trane | Wheel 24nR, 9 blade, 213T-215T | WHL02854 | 1 | \$3,482.81 | 50\% | \$1,741.41 |
| WHL02916 | Trane | WHEEL; BLOWER, 11 IN DIA, 8 IN WIDTH, 50 IN BORE, CW | WHL02916 | 1 | \$379.64 | 50\% | \$189.82 |
| WHLo3034 | Trane | WHEEL; ASSY., W/O SHAFT, 32 FC CLS 2 , FAN | WHLоз334 | 1 | \$2,450.00 | 50\% | \$1,225.00 |
| WHL03092 | Trane | WHELL; FAN, A15-15A 3.00 W/CLA BR GALV | WHLO3092 | 1 | \$475.04 | 50\% | \$237.52 |
| WHLозо93 | Trane | WHEEL; 18 INCH FC, 3.00 BORE WITH CLAMP 48 BLADES | WHLO3093 | 1 | \$659.65 | 50\% | \$329.83 |
| WHL03116 | Trane | Wheel ; blower, 11.7 IN DIA 10.6 IN WIIE, 0.50 IN bore, CW rotation | WHL03116 | 1 | \$74.16 | 50\% | \$37.08 |
| WIR00387 | Trane | WIRE HARNESS, 5 PIN Plug | WIR00387 | 1 | \$23.76 | 50\% | \$11.88 |
| WR00434 | Trane | WIRE; HARNESS | WIR00434 | 1 | \$26.00 | 50\% | \$13.00 |
| WIR00437 | Trane | WIRE; HARNS (H.S.I.) 9 PIN EDGE CONNECTOR WITH 7 WIRES | WIR00437 | 1 | \$128.73 | 50\% | \$64.37 |
| WIROO617 | Trane | WIRE;HARNESS, IINTITION | WIROO617 | 1 | \$43.12 | 50\% | \$21.56 |
| W1R01119 | Trane | WIRE; Motor extension harness | WiR01119 | 1 | \$114.32 | 50\% | \$57.16 |
| WIR01125 | Trane | WIREHARNESS | WIR01125 | 1 | \$99.06 | 50\% | \$49.53 |
| WiR01126 | Trane | WIRE harness, motor extension | WIR01126 | 1 | \$199.76 | 50\% | \$99.88 |
| WIR01216 | Trane | WIRE; HARNESS, TCI, 50" | WIR01216 | 1 | \$244.15 | 50\% | \$122.08 |
| W1R01300 | Trane | WIRE;HARNESS,ECONOMIZER | WIR01300 | 1 | \$353.06 | 50\% | \$176.53 |
| WIR01303 | Trane | WIRE ASSEMBLY, COMPRESSOR | WIR01303 | 1 | \$174.83 | 50\% | \$87.42 |
| WIR01409 | Trane | WIREHARNESS-UNIT POWER | WIR01409 | 1 | \$15.56 | 50\% | \$7.78 |
| WIR01646 | Trane | WIRE;HARNESS,Thermostat interfaceconvention | WIR01646 | 1 | \$74.10 | 50\% | \$37.05 |
| WIR01671 | Trane | Wireharness, control panel | WIR01671 | 1 | \$161.75 | 50\% | \$80.88 |
| WiR01673 | Trane | Wireharness, control panel 1-2 Week leadtime | WIR01673 | 1 | \$158.70 | 50\% | \$79.35 |
| WIRO1922 | Trane | WIRE; ICM MOTOR HARNESS, 16 PIN LOW Voltage, 34" LONG (CONsISTS O | WIRO1922 | 1 | \$31.94 | 50\% | \$15.97 |
| WIR01996 | Trane | WIRE;HARNESS IGNITOR TO CONTROL TO INDUCED DRAFt blower | WIR01996 | 1 | \$136.22 | 50\% | \$68.11 |
| WIRO2016 | Trane | WIRE;HARNESS-Control panel | WIRO2016 | 1 | \$242.06 | 50\% | \$121.03 |
| W1R02021 | Trane | WIREHARNESS, Control panel | WIRO2021 | 1 | \$322.16 | 50\% | \$161.08 |
| WIRO2023 | Trane | WIRE; 12 PIN HARNESS | WIRO2023 | 1 | \$235.38 | 50\% | \$117.69 |
| WIRO2024 | Trane | WIRE;HARNESS, COntrol panel | WIRO2024 | 1 | \$1,510.94 | 50\% | \$755.47 |
| WiR02054 | Trane | WIREHARNESS, Control panel | WIRO2054 | 1 | \$377.42 | 50\% | \$188.71 |
| WIRO2155 | Trane | WIRE;HARNESS, ECONOMIZER | WIRO2155 | 1 | \$182.30 | 50\% | \$91.15 |
| W1R02212 | Trane | WIREASSEMBLY, Electric heater | W1R02212 | 1 | \$490.68 | 50\% | \$245.34 |
| W1R02326 | Trane | WIRE HARNESS, Control panel | W1R02326 | 1 | \$439.63 | 50\% | \$219.82 |
| WIRO2338 | Trane | WIRE; ASSEMBLY, INCLUDES THE LOW VOLTAGE ICM WIRE HARNESS (WIRO1 | WIRO2338 | 1 | \$156.35 | 50\% | \$78.18 |
| WIRO2343 | Trane | WIRE; HARNESS, CONTROL PANEL | WIRO2343 | 1 | \$488.57 | 50\% | \$244.29 |
| WIRO2345 | Trane | WIRE; HARNESS, CONTROL PANEL | WIRO2345 | 1 | \$744.08 | 50\% | \$372.04 |
| W1R02362 | Trane | WIRE; HARNESS, OUTDOOR SENSOR | WIRO2362 | 1 | \$58.25 | 50\% | \$29.13 |
| WIRO2404 | Trane | WIRE ASSY - 6 CKT CAP J1, MOTOR PLUG - w/o elec heat | WIRO2404 | 1 | \$275.00 | 50\% | \$137.50 |
| W1R02446 | Trane | WIRE; HARNESS - Control panel | WIRO2446 | 1 | \$340.21 | 50\% | \$170.11 |
| W1R02459 | Trane | Wire harness - control panel | WIR02459 | 1 | \$221.54 | 50\% | \$110.77 |
| WIRO2465 | Trane | WIRE HARNESS, CONTROL PANEL | WIRO2465 | 1 | \$964.22 | 50\% | \$482.11 |
| W1R02575 | Trane | WIRE BARON T-STAT WIRE, 18/4, 250 Foot Spools, 18 AWG Ul CLL2, cul ci w | WiR02575 | 1 | \$136.56 | 50\% | \$68.28 |
| WIRO2576 | Trane | WIRE, BARON T-STAT WIRE, $18 / 5$, 250 Foot SPools, 18 AWG UL Cl2, CuL C | WIRO2576 | 1 | \$118.24 | 50\% | \$59.12 |
| WiR02577 | Trane | WIRE TAT WIRE, 18/6, 250 FOOT SPOOLS, 18 AWG UL CLL2, CUL CM OR CMH/ $/$ | WiR02577 | 1 | \$169.12 | 50\% | \$84.56 |
| W1R02579 | Trane | WIRE BARON T-STAT WIRE, 18/8, 250 Foot Spools, 18 AWGUL CL2, CUL CN | W1R02579 | 1 | \$173.10 | 50\% | \$86.55 |
| W1R02582 | Trane | WIRE, BARON T-STAT WIRE, 18/12, 250 FOOT SPOoLs, 18 AWG UL CLL, CUL ' W | W1R02582 | 1 | \$381.00 | 50\% | \$190.50 |
| W1R02589 | Trane | WIRE, BARON T-STAT WIRE, 20/8, 250 FOOT SPOOLS, 20 AWG UL CLI2, CUL C | W1R02589 | 1 | \$147.00 | 50\% | \$73.50 |
| W1R02598 | Trane | WIRE 18-8 UL CLIP PLENUM THERM 250 FT SPOOL | WIR02598 | 1 | \$363.50 | 50\% | \$181.75 |
| W1R02624 | Trane | WIRE; JUMPER | WIRO2624 | 1 | \$4.77 | 50\% | \$2.39 |
| WIRO2626 | Trane | WIRE; PLUG-SCROLL COMPRESSOR, 530" DIA., 2 WIRES @ 10 GAUGE, 1 WIR W | WIRO2626 | 1 | \$38.17 | 50\% | \$19.09 |
| WiR02651 | Trane | WIRE AUXILIARY CROSSOVER WITH PLUG | WIR02651 | 1 | \$45.90 | 50\% | \$22.95 |
| WIRO2695 | Trane | WIRE; HARNESS-SCROLL COMPRESSOR, SINGLE PHASE | WIRO2695 | 1 | \$37.57 | 50\% | \$18.79 |
| W1R02702 | Trane | WIRE; REPLACEMENT IGSITOR HARNESS | W1R02702 | 1 | \$100.02 | 50\% | \$50.01 |
| W1R02768 | Trane | WIRE; WIRING HARNESS, VARIABLL SPEED, INDUCER, 12-PIN, 5-PIN, 2-PIN | W1R02768 | 1 | \$78.94 | 50\% | \$39.47 |
| WIRO2790 | Trane | WIRE MOTOR PLUG ASSEMBLY | WIRO2790 | 1 | \$66.26 | 50\% | \$33.13 |
| WIR02835 | Trane | WIRING HRNSS;4 PLG TYPA | WIRO2835 | 1 | \$311.12 | 50\% | \$155.56 |
| WIRO2837 | Trane | WIRING HARNESS; 6 PLUG | WIRO2837 | 1 | \$596.18 | 50\% | \$298.09 |
| W1R02838 | Trane | WIRING HARNESS; INCLUDES: 7,4 Socket plugs | WIR02838 | 1 | \$620.00 | 50\% | \$310.00 |
| WIR02871 | Trane | WIRE; HARNESS, COMPRESSOR, 1 PHASE | WIR02871 | 1 | \$203.24 | 50\% | \$101.62 |
| WIRO2875 | Trane | WIRE; HARNESS, DELUXE | WIRO2875 | 1 | \$154.43 | 50\% | \$77.22 |
| WIRO2894 | Trane | WIRE; HARNESS, PANEL CONTROL | WIRO2894 | 1 | \$171.53 | 50\% | \$85.77 |
| WIRO2949 | Trane | WIRE HARNESS, W/BOTH FEMALE 241N | WIRO2949 | 1 | \$151.84 | 50\% | \$75.92 |
| Wiro3016 | Trane | WIRE HARNESS, CONTROL BOX CL2O | WIRO3016 | 1 | \$166.71 | 50\% | \$83.36 |
| WIRO3074 | Trane | WIRE HARNESS, Heating crossover, cl2o | WIRO3074 | 1 | \$58.04 | 50\% | \$29.02 |
| WIRO3140 | Trane | WIRE; SCROLL COMPRESSOR, CKT $2,400-575 \mathrm{~V}$, | WIRO3140 | 1 | \$127.30 | 50\% | \$63.65 |
| WIRO3166 | Trane | WIRE ASSEMBLY - 36G/43B, RETURN AIR SENSOR, 2 LEADS @ 4.00 LG, 18 AU | WIR03166 | 1 | \$81.46 | 50\% | \$40.73 |
| W1R03212 | Trane | WIRE HARNESS, POWER, Indoor motor, oversized mil | WIR03212 | 1 | \$1,027.08 | 50\% | \$513.54 |
| W1R03229 | Trane | WIRE HARNESS, CLIMATUFF, 14 GA, 3 Phase | W1R03229 | 1 | \$95.87 | 50\% | \$47.94 |
| WIRO3272 | Trane | WIRE; HARNESS, OPTIONS, COMMUNICATIONS, AND MIXED AIR SENSOR, 94 | WIRO3272 | 1 | \$614.36 | 50\% | \$307.18 |
| WIRO3306 | Trane | WIRE; HARNESS, DIICHARGE AIR SENSOR | WIRO3306 | 1 | \$162.33 | 50\% | \$81.17 |
| WIRO3330 | Trane | WIRE; PLUG, SCROLL COMPRESSOR WIRING, 400-575V, CkT 2 , | WIRO3330 | 1 | \$51.58 | 50\% | \$25.79 |
| WIRO3344 | Trane | WIRE; HARNESS, ECONOMIIER ACtuator plug, electromechanical (co | WIRO3344 | 1 | \$176.99 | 50\% | \$88.50 |
| WIRO3346 | Trane | WIRE; HARNESS, Return temp and humidity (Reference enthalpy con w | WIRO3346 | 1 | \$208.21 | 50\% | \$104.11 |
| WIRO3351 | Trane | WIRE; SCROLL COMPRESSOR WIRING, CKT 2 , | WIRO3351 | 1 | \$53.01 | 50\% | \$26.51 |
| WIRO3354 | Trane | wire harness, main coil valve | WIRO3354 | 1 | \$82.32 | 50\% | \$41.16 |
| WIRO3367 | Trane | WIRE; ASSY, SENSOR, CONDENSATE | WIRO3367 | 1 | \$63.91 | 50\% | \$31.96 |
| WIRO3396 | Trane | WIRE; Harness assembly, deluxe basic | WIRO3396 | 1 | \$203.24 | 50\% | \$101.62 |
| WIRO3405 | Trane | WIRE; HARNESS, POWER. (28.5 TOTAL Length. Red, blu, blk, vio wires) | WIRO3405 | 1 | \$229.17 | 50\% | \$114.59 |
| WIRO3408 | Trane | WIRE; HARNESS, CONTROL, RELATEL. INCLUDES LVTB. | WIRO3408 | 1 | \$393.42 | 50\% | \$196.71 |
| WIRO3410 | Trane | WIRE; HARNESS, Control, relatel. includes blkoogu0 and senoor75. | WIRO3410 | 1 | \$369.46 | 50\% | \$184.73 |
| WIRO3413 | Trane | WIRE; HARNESS, CONTROL, RELIATEL INCLUDES OAS AND LVTB | WIRO3413 | 1 | \$466.09 $\mathbf{\$ 2 8 1 8}$ | 50\% | \$233.05 |
| WIRO3419 | Trane | WIRE; HARNESS, 110 IN Length, 133A-BLK,134A-BLK,135A-BLU,136A-RED,V | WIRO3419 | 1 | \$286.18 | 50\% | \$143.09 |
| WIRO3423 | Trane | WIRE HARNESS, RETURN AIR TEMP/HUMIDITY SENSORS, COMPARITIVE ENTT | WIRO3423 | 1 | \$236.52 | 50\% | \$118.26 |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. . BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated
Microprocessor-Controled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems. Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
. Energy Mas Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Controlled HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integra
2. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to a router, gateway, Fi etc.) to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated
platforms/systems.
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and


The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs howers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
B. Audio-Video

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' $\mathbf{l}$ location in the event of a fire or emergency.


The scope of this contract includes the following
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are aso subcategories of Building Automation Systems.
. Interrat Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote IO modules, etc. which are Factory-Miled HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and , Sy Ster to allow the Building Automation System or Energy Management System to monitor the performance of these commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pane (MA), andor other similar device, which uilize certain in (e.g. BACNet, LonTalk, Modbus, platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenace of Integrated Microprocessor-Based HVAC Equipment;

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs howers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
A. General Purpose ${ }^{\text {B. }}$ Audio-Video equent or systems (e.g. smart boards projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used;
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. . BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated
Microprocessor-Controled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems. Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mond HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (MAP), and/or other similar device, which utilize certain prococls (e.g. BACNet, LonTalk, Modbus, platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance: and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs showers, water fountains, water heaters hot water tanks, garbage disposal
2. Chillers, Rooftop Units, boilers, air handers, fan coil, unit wentilator, heat pump, remote I/O modules, etc. which are not
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. Audio-Video

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Mosel Number |  | Product Dosacipition | Protrat Code | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54 " | Ust Price | \% D | Ns Net Pice |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| TR200P355T4 | Trane | Base Drive, 460v,500HP- Enclosure: UL Type 1 | TR200P355T4 | 1 | \$48,265.00 | 50\% | \$24,132.50 |
| TR200P355T4 | Trane | Base Drive, 460v,500HP- Enclosure: UL Type 12 | TR200P355T4 | 1 | \$52,598.00 | 50\% | \$26,299.00 |
| TR200P40074 | Trane | Base Drive, 460v,550HP- Enclosure: UL Type 1 | TR200P40074 | 1 | \$57,918.00 | 50\% | \$28,959.00 |
| TR200P400T4 | Trane | Base Drive, 460v,550HP- Enclosure: UL Type 12 | TR200P40074 | 1 | \$62,351.00 | 50\% | \$31,175.50 |
| TR200P450T4 | Trane | Base Drive, 460v,600HP- Enclosure: UL Type 1 | TR200P450T4 | 1 | \$65,995.00 | 50\% | \$32,997.50 |
| TR200P450T4 | Trane | Base Drive, 460v,600HP- Enclosure: UL Type 12 | TR200P45074 | 1 | \$71,216.00 | 50\% | \$35,608.00 |
| TR200P1K1T6 | Trane | Base Drive, 600/690v,1.5HP- Enclosure: ULType 1 | TR200P1K1T6 | 1 | \$1,192.00 | 50\% | \$596.00 |
| TR200P1K1T6 | Trane | Base Drive, 600/690v,1.5HP-Enclosure: UL Type 12 | TR200P1K1T6 | 1 | \$1,566.00 | 50\% | \$783.00 |
| TR200P1K5T6 | Trane | Base Drive, 600/690v,2HP- Enclosure: Ul Type 1 | TR200P1K5T6 | 1 | \$1,438.00 | 50\% | \$719.00 |
| TR200P1K5T6 | Trane | Base Drive, $600 / 6900,2 \mathrm{HP}$ - Enclosure: UL Type 12 | TR200P1K5T6 | 1 | \$1,870.00 | 50\% | \$935.00 |
| TR200P2K2T6 | Trane | Base Drive, 600/690v,3HP- Enclosure: UL Type 1 | TR200P2K2T6 | 1 | \$1,438.00 | 50\% | \$719.00 |
| TR200P2K2T6 | Trane | Base Drive, 600/690V,3HP- Enclosure: UL Type 12 | TR200P2K2T6 | 1 | \$1,869.00 | 50\% | \$934.50 |
| тR200Р4кот6 | Trane | Base Drive, 600/690v,5HP- Enclosure: UL Type 1 | TR200Р4кот6 | 1 | \$1,586.00 | 50\% | \$793.00 |
| тR200Р4кот6 | Trane | Base Drive, 600/690V,5HP- Enclosure: UL Type 12 | TR200Р4кот6 | 1 | \$2,061.00 | 50\% | \$1,030.50 |
| TR200P5K5T6 | Trane | Base Drive, $600 / 6900,7.5 \mathrm{HP}$ - Enclosure: UL Type 1 | TR200P5K5T6 | 1 | \$1,793.00 | 50\% | \$896.50 |
| TR200P5K5T6 | Trane | Base Drive, 600/690v,7.5HP- Enclosure: UL Type 12 | TR200P5K5T6 | 1 | \$2,331.00 | 50\% | \$1,165.50 |
| TR200P7K5T6 | Trane | Base Drive, 600/690V, 10 HP - Enclosure: UL Type 1 | TR200P7K5T6 | 1 | \$2,118.00 | 50\% | \$1,059.00 |
| TR200P7K5T6 | Trane | Base Drive, 600/690v,10HP- Enclosure: UL Type 12 | TR200P7K5T6 | 1 | \$2,690.00 | 50\% | \$1,345.00 |
| TR200P11KT6 | Trane | Base Drive, $600 / 690 \mathrm{~V}, 15 \mathrm{HP}$ - Enclosure: UL Type 1 | TR200P11KT6 | 1 | \$2,719.00 | 50\% | \$1,359.50 |
| TR200P11KT6 | Trane | Base Drive, 600/690v,15HP- Enclosure: UL Type 12 | TR200P11KT6 | 1 | \$3,373.00 | 50\% | \$1,686.50 |
| TR200P15KT6 | Trane | Base Drive, 600/690V,20HP-Enclosure: ULType 1 | TR200P15KT6 | 1 | \$3,270.00 | 50\% | \$1,635.00 |
| TR200P15KT6 | Trane | Base Drive, 600/690v,20HP- Enclosure: UL Type 12 | TR200P15KT6 | 1 | \$3,957.00 | 50\% | \$1,978.50 |
| TR200P18KT6 | Trane | Base Drive, 600/690v,25HP- Enclosure: UL Type 1 | TR200P18kT6 | 1 | \$4,009.00 | 50\% | \$2,004.50 |
| TR200P18KT6 | Trane | Base Drive, 600/690v,25HP-Enclosure: UL Type 12 | TR200P18kT6 | 1 | \$4,732.00 | 50\% | \$2,366.00 |
| TR200P22KT6 | Trane | Base Drive, 600/690v,30HP-Enclosure: UL Type 1 | TR200P22kT6 | 1 | \$4,777.00 | 50\% | \$2,388.50 |
| TR200P22KT6 | Trane | Base Drive, 600/690v,30HP-Enclosure: UL Type 12 | TR200P22kT6 | 1 | \$5,493.00 | 50\% | \$2,746.50 |
| тR200Р3окт6 | Trane | Base Drive, 600/690V,40HP-Enclosure: UL Type 1 | TR200p30кт6 | 1 | \$5,792.00 | 50\% | \$2,896.00 |
| тR200Р3окт6 | Trane | Base Drive, 600/690v,40HP- Enclosure: UL Type 12 | TR200Р3окт6 | 1 | \$6,558.00 | 50\% | \$3,279.00 |
| TR200P37KT6 | Trane | Base Drive, $600 / 690 \mathrm{~V}, 50 \mathrm{HP}$ - Enclosure: UL Type 1 | TR200P37KT6 | 1 | \$7,348.00 | 50\% | \$3,674.00 |
| TR200P37KT6 | Trane | Base Drive, 600/690v,50HP- Enclosure: UL Type 12 | TR200P37KT6 | 1 | \$8,229.00 | 50\% | \$4,114.50 |
| TR200P45KT6 | Trane | Base Drive, 600/690v,60HP- Enclosure: UL Type 1 | TR200P45kT6 | 1 | \$8,668.00 | 50\% | \$4,334.00 |
| TR200P45KT6 | Trane | Base Drive, 600/690v,60HP- Enclosure: UL Type 12 | TR200P45kT6 | 1 | \$9,708.00 | 50\% | \$4,854.00 |
| TR200P55kT6 | Trane | Base Drive, $600 / 690 \mathrm{~V}, 75 \mathrm{HP}$ - Enclosure: UL Type 1 | TR200955kT6 | 1 | \$9,692.00 | 50\% | \$4,846.00 |
| TR200P55KT6 | Trane | Base Drive, 600/690v,75HP- Enclosure: UL Type 12 | TR200955kT6 | 1 | \$10,856.00 | 50\% | \$5,428.00 |
| тR200P75кт6 | Trane | Base Drive, 600/690v,100HP- Enclosure: UL Type 1 | TR200P75kT6 | 1 | \$11,071.00 | 50\% | \$5,535.50 |
| TR200P75KT6 | Trane | Base Drive, 600/690v,100HP-Enclosure: UL Type 12 | TR200P75KT6 | 1 | \$11,653.00 | 50\% | \$5,826.50 |
| TR200990кт6 | Trane | Base Drive, 600/690v,125HP- Enclosure: UL Type 1 | TR200990кт6 | 1 | \$13,790.00 | 50\% | \$6,895.00 |
| TR200p9okt6 | Trane | Base Drive, 600/690v,125HP- Enclosure: UL Type 12 | TR200990кт6 | 1 | \$14,371.00 | 50\% | \$7,185.50 |
| TR200P110T7 | Trane | Base Drive, 600/690v,150HP- Enclosure: UL Type 1 | TR200P110T7 | 1 | \$18,213.00 | 50\% | \$9,106.50 |
| TR200P110T7 | Trane | Base Drive, $600 / 690 \mathrm{v}, 150 \mathrm{HP}$ - Enclosure: UL Type 12 | TR200P110T7 | 1 | \$20,449.00 | 50\% | \$10,224.50 |
| TR200P132T7 | Trane | Base Drive, 600/690v,200HP- Enclosure: UL Type 1 | TR200P13277 | 1 | \$22,310.00 | 50\% | \$11,155.00 |
| TR200P132T7 | Trane | Base Drive, 600/690v,200HP-Enclosure: UL Type 12 | TR200P132T7 | 1 | \$24,546.00 | 50\% | \$12,273.00 |
| TR200P16077 | Trane | Base Drive, 600/690v, 250HP- Enclosure: UL Type 1 | TR200P16077 | 1 | \$26,831.00 | 50\% | \$13,415.50 |
| TR200P16077 | Trane | Base Drive, 600/690v,250HP-Enclosure: UL Type 12 | TR200P16077 | 1 | \$29,067.00 | 50\% | \$14,533.50 |
| TR200P20077 | Trane | Base Drive, 600/690v,300HP- Enclosure: UL Type 1 | TR200P20077 | 1 | \$31,037.00 | 50\% | \$15,518.50 |
| TR200P20077 | Trane | Base Drive, $600 / 690 \mathrm{~V}, 300 \mathrm{HP}$ - Enclosure: UL Type 12 | TR200P20077 | 1 | \$33,273.00 | 50\% | \$16,636.50 |
| TR200P25077 | Trane | Base Drive, 600/690v,350HP- Enclosure: UL Type 1 | TR200P25077 | 1 | \$36,504.00 | 50\% | \$18,252.00 |
| TR200P25077 | Trane | Base Drive, 600/690v,350HP-Enclosure: UL Type 12 | TR200P25077 | 1 | \$39,636.00 | 50\% | \$19,881.00 |
| TR200P315T7 | Trane | Base Drive, 600/690v, 450HP- Enclosure: UL Type 1 | TR200P315T7 | 1 | \$46,945.00 | 50\% | \$23,472.50 |
| TR200P315T7 | Trane | Base Drive, 600/690v,450HP- Enclosure: UL Type 12 | TR200P31577 | 1 | \$50,077.00 | 50\% | \$25,038.50 |
| TR200P40077 | Trane | Base Drive, 600/690v,550HP- Enclosure: UL Type 1 | TR200P40077 | 1 | \$63,789.00 | 50\% | \$31,894.50 |
| TR200P40077 | Trane | Base Drive, 600/690v,550HP-Enclosure: UL Type 12 | TR200P40077 | 1 | \$65,434.00 | 50\% | \$32,717.00 |
| TR200P50077 | Trane | Base Drive, 600/690v,600HP- Enclosure: UL Type 1 | TR200P50077 | 1 | \$78,721.00 | 50\% | \$39,360.50 |
| TR200P50077 | Trane | Base Drive, 600/690v,600HP-Enclosure: UL Type 12 | TR200950077 | 1 | \$82,129.00 | 50\% | \$41,064.50 |
| frR-1 | Trane | 1.5 HP Factory Repair | ffr-1 | 1 | \$680.00 | 50\% | \$34.00 |
| ffr-2 | Trane | 2-3HP Factory Repair | FFR-2 | 1 | \$790.00 | 50\% | \$395.00 |
| ffr-3 | Trane | 5-7.5 HP Factory Repair | ffr-3 | 1 | \$1,000.00 | 50\% | \$500.00 |
| FFR-4 | Trane | 10-15 HP Factory Repair | FFR-4 | 1 | \$1,390.00 | 50\% | \$695.00 |
| FFR-5 | Trane | 15,20 HP Factory Repair | FFR-5 | 1 | \$1,810.00 | 50\% | \$905.00 |
| FFR-6 | Trane | 25,30HP Factory Repair | FFR-6 | 1 | \$2,280.00 | 50\% | \$1,140.00 |
| ffr-7 | Trane | 30,40 HP Factory Repair | ffr-7 | 1 | \$2,490.00 | 50\% | \$1,245.00 |
| ffr-8 | Trane | 40,50 HP Factory Repair | fFR-8 | 1 | \$2,720.00 | 50\% | \$1,360.00 |
| ffr-9 | Trane | 50,60 HP Factory Repair | ffr-9 | 1 | \$3,260.00 | 50\% | \$1,630.00 |
| fFR-10 | Trane | 75 HP Factory Repair | FFR-10 | 1 | \$3,470.00 | 50\% | \$1,735.00 |
| FFR-11 | Trane | 60,100 HP Factory Repair | fFR-11 | 1 | \$3,870.00 | 50\% | \$1,935.00 |
| FFR-12 | Trane | 125 HP Factory Repair | FFR-12 | 1 | \$4,130.00 | 50\% | \$2,065.00 |
| 17423501 | Trane | TR200 demo unit | 17423501 | 1 | \$6,000.00 | 50\% | \$3,000.00 |
| MAMAC PR-243-R3-vDC | Trane | Pressure Transducer - Pneumatic | 03-8344-00 | 1 | \$250.00 | 50\% | \$125.00 |
| MAMAC TE-213-C-A-2-B-1-C-2 | Trane | Temperature Sensor- Air | 35-1223-00 | 1 | \$225.00 | 50\% | \$112.50 |
| MAMAC PR-282-43A12B | Trane | Differential Pressure Transducer - Water | 35-1221-00 | 1 | \$775.00 | 50\% | \$387.50 |
| MAMAC PR-276-R11-mA | Trane | Duct Pressure Transducer | 35-1224-00 | 1 | \$395.00 | 50\% | \$197.50 |
| MAMAC PR-264-R1-mA | Trane | Pressure Transducer - Water | 35-1222-00 | 1 | \$645.00 | 50\% | \$322.50 |
| MAMAC PR-274-R4-mA | Trane | Differential Pressure Transducer - Air | 35-1225-00 | 1 | \$368.00 | 50\% | \$184.00 |
| MAMAC TE-213-C-A-2-B-1-C-2 | Trane | Temperature Transducer - Water | 35-1223-00 | 1 | \$225.00 | 50\% | \$112.50 |
| MAMAC A-500-1-A-2 | Trane | Temperature Transducer - Water | 38-0232-00 | 1 | \$50.00 | 50\% | \$25.00 |
| 13082799 | Trane | Graphical Control Panel (for all, except ECB) | LCP 102 | 1 | \$169.00 | 50\% | \$84.50 |
| 13082807 | Trane | Graphical Control Panel (for ECB) | LCP 104 | 1 | \$169.00 | 50\% | \$84.50 |
| 13081117 | Trane | Remote Mounting Kit for Control Panel | 13081117 | 1 | \$75.00 | 50\% | \$37.50 |
| 17661827 | Trane | Floor Stand Kit- Pedestal Base | 17651827 | 1 | \$665.00 | 50\% | \$332.50 |
| MCB 115 | Trane | Analog Input/Output Card | MCB 115 | 1 | \$165.00 | 50\% | \$82.50 |
| 13081125 | Trane | General Purpose Input/Output - uncoated | MCB 101 | 1 | \$164.00 | 50\% | \$82.00 |
| 13081212 | Trane | General Purpose Input/Output - coated | MCB 101 | 1 | \$197.00 | 50\% | \$98.50 |
| 13081110 | Trane | Relay Card - uncoated | MCB 105 | 1 | \$147.00 | 50\% | \$73.50 |
| 3081210 | Trane | Relay Card - coated | MCB 105 | 1 | \$174.00 | 50\% | \$87.00 |
| 13081108 |  | Option D Power Interface Card Provision for 24V DC supply - uncoated | MCB 107 | 1 |  |  |  |
| 13081208 | Trane | Option D Power Interface Card Provision for 24V DC supply - coated | MCB 107 | 1 | \$93.00 | 50\% | \$46.50 |
|  | Trane |  |  |  | \$122.00 | 50\% | \$61.00 |
| 13081467 | Trane | LonWorks Comm Card | MCA 115 | 1 | \$340.00 | 50\% | \$170.00 |
| 13081468 | Trane | BACnet Comm Card | MCA 116 | 1 | \$340.00 | 50\% | \$170.00 |
| TR200P1K1T2 |  | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, | TR200P1K172 | 1 |  |  |  |
|  | Trane | 208v, 1.5HP- Enclosure: UL Type 1 |  |  | \$2,203.00 | 50\% | \$1,101.50 |
| TR200P1K1T2 |  | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, | TR200P1K172 | 1 |  |  |  |
|  | Trane | 208v,1.5HP- Enclosure: UL Type 12 |  |  | \$2,410.00 | 50\% | \$1,205.00 |
| TR200P1K5T2 |  | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, 208v,2HP- | TR200P1K5T2 | 1 |  |  |  |
|  | Trane | Enclosure: ULType 1 |  |  | \$2,348.00 | 50\% | \$1,174.00 |
| TR200P1K5T2 |  | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, 208v,2HP- | TR200P1K5T2 | 1 |  |  |  |
|  | Trane | Enclosure: UL Type 12 |  |  | \$2,555.00 | 50\% | \$1,277.50 |
| TR200p2k2T2 |  | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, 208v,3HP- | TR200P2K2T2 | 1 |  |  |  |
|  | Trane | Enclosure: ULType 1 |  |  | \$2,596.00 | 50\% | \$1,298.00 |
| TR200Р2к2T2 |  | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, 208v,3HP- | TR200P2K2T2 | 1 |  |  |  |
|  | Trane | Enclosure: UL Type 12 |  |  | \$2,803.00 | 50\% | \$1,401.50 |
| TR200P3k7T2 |  | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, 208v,5HP- | TR200P3K772 | 1 |  |  |  |
|  | Trane | Enclosure: UL Type 1 |  |  | \$2,973.00 | 50\% | \$1,486.50 |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated
Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems. Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Itegrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mond Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
3. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
4. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
ration, intenance of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxia \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to


A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Itegrated Microprocessor-Controlled HVAC Equipment such Chillers, Rooftop Units, Boilers, Air Handers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mond HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these commission and which are integr
products by the authorized user.
3. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
4. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
ratio inten ef integrated Microprocessor-Based HVAC Equipment Ceans, tests, and balances the Integrated Microprocessor-Controlled HVAC Equipment in accordance with Code Requirements.

The scope of this contract does not include:
wwers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed
3. Chillers, Rooftop Units, boilers, air handers, fan coil wit

Factory Installed/Factory-Provided micro-processor--controlled includedp, remote I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energ/controlled), or

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
he contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not imited
General Purpose I, Telecommumications, Networking Cabing,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Model Number |  | oduct Dosacipition | Product Code | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54 " | List Pices | \% Disount | Nrs Net Picee |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| TR200P110T4 |  | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, | TR200P110T4 | 1 |  |  |  |
|  | Trane | 460v,150HP- Enclosure: UL Type 12 |  |  | \$22,309.00 | 50\% | \$11,154.50 |
| TR200P132T4 |  | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, | TR200P132T4 | 1 |  |  |  |
|  | Trane | 460, 200HP- Enclosure: UL Type 1 |  |  | \$24,770.00 | 50\% | \$12,385.00 |
| TR200P132T4 |  | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, | TR200P132T4 | 1 |  |  |  |
|  | Trane | 460v,200HP-Enclosure: UL Type 12 |  |  | \$29,424.00 | 50\% | \$14,712.00 |
| TR200P160T4 |  | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, | TR200P160T4 | 1 |  |  |  |
|  | Trane | $460 \mathrm{~V}, 25 \mathrm{HP}$ - Enclosure: ULType 1 |  |  | \$28,907.00 | 50\% | \$14,453.50 |
| TR200P160T4 |  | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, | TR200P160T4 | 1 |  |  |  |
|  | Trane | 460v,250HP- Enclosure: UL Type 12 |  |  | \$33,561.00 | 50\% | \$16,780.50 |
| TR200P200T4 |  | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, | TR200P200T4 | 1 |  |  |  |
|  | Trane | 460V,300HP- Enclosure: UL Type 1 |  |  | \$33,334.00 | 50\% | \$16,667.00 |
| TR200P200T4 |  | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, | TR200P200T4 | 1 |  |  |  |
|  | Trane | 460v,300HP- Enclosure: UL Type 12 |  |  | \$37,988.00 | 50\% | \$18,994.00 |
| TR200P250T4 |  | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, | TR200P250T4 | 1 |  |  |  |
|  | Trane | 460v,350HP- Enclosure: UL Type 1 |  |  | \$41,024.00 | 50\% | \$20,512.00 |
| TR200P250T4 |  | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, | TR200P250T4 | 1 |  |  |  |
|  | Trane | 460V,350HP- Enclosure: UL Type 12 |  |  | \$46,195.00 | 50\% | \$23,097.50 |
| TR200P1K1T6 |  | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, | TR200P1K1T6 | 1 |  |  |  |
|  | Trane | 600/690V,1.5HP- Enclosure: UL Type 1 |  |  | \$2,399.00 | 50\% | \$1,199.50 |
| TR200P1K1T6 |  | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, | TR200P1K1T6 | 1 |  |  |  |
| TR200P1K5T6 | Trane | 600/690v,1.5HP- Enclosure: UL Type 12 <br> Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, | TR200P1K5T6 | 1 | \$3,353.00 | 50\% | \$1,676.50 |
|  | Trane | 600/690V,2HP- Enclosure: UL Type 1 |  |  | \$2,658.00 | 50\% | \$1,329.00 |
| TR200P1KST6 |  | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, | TR200P1K5T6 | 1 |  |  |  |
|  | Trane | 600/690v,2HP- Enclosure: UL Type 12 |  |  | \$3,721.00 | 50\% | \$1,860.50 |
| TR200P2K2T6 |  | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, | TR200P2K2T6 | 1 |  |  |  |
| TR200P2K2T6 | Trane | 600/690v,3HP- Enclosure: UL Type 1 <br> Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, | TR200P2K2T6 | 1 | \$2,658.00 | 50\% | \$1,329.00 |
|  | Trane | 600/690v,3HP- Enclosure: UL Type 12 |  |  | \$3,719.00 | 50\% | \$1,859.50 |
| TR200P4K0т6 |  | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, | TR200Р4кот6 | 1 |  |  |  |
|  | Trane | 600/6900,5HP- Enclosure: UL Type 1 |  |  | \$2,813.00 | 50\% | \$1,406.50 |
| TR200P4K0т6 |  | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, | TR200Р4к0т6 | 1 |  |  |  |
|  | Trane | 600/690v,5HP- Enclosure: UL Type 12 |  |  | \$3,888.00 | 50\% | \$1,944.00 |
| TR200P5K5T6 | Trane | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, | TR200P5K5T6 | 1 | \$3,030.00 | 50\% | \$1,515.00 |
| TR200P5KST6 |  | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, | TR200P5K5T6 | 1 | \$3,030.00 | 50\% | \$1,515.00 |
|  | Trane | 600/690v,7.5HP- Enclosure: UL Type 12 |  |  | \$4,126.00 | 50\% | \$2,063.00 |
| TR200P7KST6 |  | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, | TR200P7K5T6 | 1 |  |  |  |
|  | Trane | 600/690v,10HP- Enclosure: UL Type 1 |  |  | \$3,372.00 | 50\% | \$1,686.00 |
| TR200P7KST6 |  | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, | TR200P7K5T6 | 1 |  |  |  |
|  | Trane | 600/690v,10HP- Enclosure: UL Type 12 |  |  | \$4,511.00 | 50\% | \$2,255.50 |
| TR200P11KT6 | Trane | Drive with Electronic sppass w/ Drive Fusing \& Main Disconnect, | TR200P11KT6 | 1 |  |  |  |
| TR200P11KT6 | Trane | (60/690v,15HP- Enclosure: UL Type 1 | TR200P11KT6 | 1 | \$4,215.00 | 50\% | \$2,107.50 |
|  | Trane | 600/690v,15HP- Enclosure: UL Type 12 |  |  | \$5,518.00 | 50\% | \$2,759.00 |
| TR200P15kT6 |  | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, | TR200P15kT6 | 1 |  |  |  |
|  | Trane | 600/690v,20HP- Enclosure: UL Type 1 |  |  | \$4,794.00 | 50\% | \$2,397.00 |
| TR200P15KT6 |  | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, | TR200P15kT6 | 1 |  |  |  |
|  | Trane | 600/690v, 20 HP - Enclosure: UL Type 12 |  |  | \$6,190.00 | 50\% | \$3,095.00 |
| TR200P18kT6 |  | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, | TR200P18KT6 | 1 |  |  |  |
|  | Trane | 600/690v,25HP- Enclosure: UL Type 1 |  |  | \$5,569.00 | 50\% | \$2,784.50 |
| TR200P18KT6 | Trane | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, 600/690v, 25HP- Enclosure: UL Type 12 | TR200P18KT6 | 1 | \$7,063.00 | 50\% | \$3,531.50 |
| TR200P22kT6 |  | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, | TR200p22KT6 | 1 |  |  |  |
|  | Trane | 600/690v,30HP- Enclosure: UL Type 1 |  |  | \$6,681.00 | 50\% | \$3,340.50 |
| TR200P22kT6 |  | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, | TR200P22KT6 | 1 |  |  |  |
|  | Trane | 600/690v,30HP- Enclosure: UL Type 12 |  |  | \$8,365.00 | 50\% | \$4,182.50 |
| тR200Рзокт6 |  | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, | TR200p30кт6 | 1 |  |  |  |
|  | Trane | 600/690v,40HP- Enclosure: UL Type 1 |  |  | \$7,747.00 | 50\% | \$3,873.50 |
| TR200P30кт6 |  | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, | TR200p30кт6 | 1 |  |  |  |
|  | Trane | 600/690v,40HP- Enclosure: UL Type 12 |  |  | \$9,564.00 | 50\% | \$4,782.00 |
| TR200P37KT6 | Trane | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, 600/690v,50HP- Enclosure: UL Type 1 | TR200P37KT6 | 1 | \$9,458.00 | 50\% | \$4,729.00 |
| TR200P37KT6 |  | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, | тR200P37KT6 | 1 |  |  |  |
|  | Trane | 600/690v,50HP- Enclosure: UL Type 12 |  |  | \$11,679.00 | 50\% | \$5,839.50 |
| TR200P45KT6 |  | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, | TR200P45kT6 | 1 |  |  |  |
|  | Trane |  |  |  | \$10,844.00 | 50\% | \$5,422.00 |
| TR200P45KT6 |  | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, | TR200P45kT6 | 1 |  |  |  |
|  | Trane | 600/690v,60HP- Enclosure: UL Type 12 |  |  | \$13,388.00 | 50\% | \$6,694.00 |
| TR200955kT6 |  | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, | TR200P55kT6 | 1 |  |  |  |
|  | Trane | 600/690v,75HP- Enclosure: UL Type 1 |  |  | \$12,613.00 | 50\% | \$6,306.50 |
| TR200955kT6 |  | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, | TR200P55kT6 | 1 |  |  |  |
|  | Trane | 600/690v,75HP- Enclosure: UL Type 12 |  |  | \$14,127.00 | 50\% | \$7,063.50 |
| TR200P75KT6 |  | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, | TR200P75KT6 | 1 |  |  |  |
|  | Trane | 600/690v,100HP- Enclosure: UL Type 1 |  |  | \$14,805.00 | 50\% | \$7,402.50 |
| TR200P75kT6 |  | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, | TR200P75kT6 | 1 |  |  |  |
|  | Trane | 600/690v,100HP- Enclosure: UL Type 12 |  |  | \$17,132.00 | 50\% | \$8,566.00 |
| TR200990кт6 |  | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, 600/690v,125 HP- Enclosure: UL Type 1 | TR200p9okt6 | 1 |  |  |  |
| TR200990кт6 | Trane | Drive with Electronic cypass w/ Drive Fusing \& Main Disconnect, | TR200p9okT6 | 1 | \$16,507.00 | 50\% | \$8,253.50 |
|  | Trane | 600/690v,125HP- Enclosure: UL Type 12 |  |  | \$18,834.00 | 50\% | \$9,417.00 |
| TR200P110T7 |  | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, | TR200P110T7 | 1 |  |  |  |
|  | Trane | 600/690v,150HP- Enclosure: UL Type 1 |  |  | \$21,388.00 | 50\% | \$10,694.00 |
| TR200P110T7 |  | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, | TR200P110T7 | 1 |  |  |  |
|  | Trane | 600/690v,150HP- Enclosure: UL Type 12 |  |  | \$23,715.00 | 50\% | \$11,857.50 |
| TR200P132T7 |  | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, | TR200P132T7 | 1 |  |  |  |
|  | Trane | 600/690v, 200HP- Enclosure: UL Type 1 |  |  | \$29,135.00 | 50\% | \$14,567.50 |
| TR200P132T7 |  | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, | TR200P132T7 | 1 |  |  |  |
|  | Trane | 600/690v,200HP- Enclosure: UL Type 12 |  |  | \$33,789.00 | 50\% | \$16,894.50 |
| TR200P16077 |  | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, | TR200P160T7 | 1 |  |  |  |
| TR2009160T7 | Trane | 600/690v, 250HP- Enclosure: UL Type 1 | TR2009160T7 | 1 | \$35,423.00 | 50\% | \$17,711.50 |
|  | Trane | 600/690v, 250HP- Enclosure: UL Type 12 |  |  | \$40,077.00 | 50\% | \$20,038.50 |
| TR200P200t7 |  | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, | TR200P20077 | 1 |  |  |  |
|  | Trane | 600/690v,300HP- Enclosure: UL Type 1 |  |  | \$40,863.00 | 50\% | \$20,431.50 |
| TR200P20077 |  | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, | TR200P20077 | 1 |  |  |  |
|  | Trane | 600/690v,300HP- Enclosure: UL Type 12 |  |  | \$45,517.00 | 50\% | \$22,758.50 |
| TR200P25077 | Trane | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, 600/690v,350HP- Enclosure: UL Type 1 | TR200P25077 | 1 | \$45,126.00 | 50\% | \$22,563.00 |
| TR200P25077 |  | Drive with Electronic Bypass w/ Drive Fusing \& Main Disconnect, | TR200P250T7 | 1 |  |  |  |
|  | Trane | 600/690v,350HP- Enclosure: UL Type 12 |  |  | \$50,158.00 | 50\% | \$25,079.00 |
| TR200P1K1T2 |  | five with Electronic Bypass w/ Main Fusing \& Disconnect, 208v,1.5HP- | TR200P1K1T2 | 1 |  |  |  |
|  | Trane | Enclosure: UL Type 1 |  |  | \$2,430.00 | 50\% | \$1,215 |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Hicroprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Itegrated Microprocessor-Controled HVAC Equipment such Chillers, Rooftop Units, Boilers, Air Handers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mond Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single parm or integrated
3. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

A of the and in conjunction with the contractor providing the aforemen..

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he

Factory Installed/Factory-Provided micro-processor--controlled included/coremote I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Sys

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxia \& fiber optic), wire, condwit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
.

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| TR200P1K1T2 |  |  |  | Varranty Period - \# of year(s) after |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | List Price | \% Discoumt | Nss Net Price |
|  | Trane | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, 208v,1.5HP- | TR200P1K1T2 | 1 | \$2,637.00 | 50\% | \$1,318.50 |
|  |  | Enclosure: UL Type 12 |  |  |  |  |  |
| TR200P1K5T2 | Trane | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, 208v,2HP- | TR200P1K5T2 | 1 | \$2,575.00 | 50\% | \$1,287.50 |
|  |  | Enclosure: UL Type 1 |  |  |  |  |  |
| TR200P1K5T2 |  | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, 208v,2HP- | TR200P1K5T2 | 1 | $\$ 2,782.00$ | 50\% | \$1,391.00 |
|  | Trane | Enclosure: UL Type 12 |  |  |  |  |  |
| TR200P2K2T2 | Trane | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, 208v,3HP- | TR200Р2к2T2 | 1 | \$2,860.00 | 50\% | \$1,430.00 |
|  |  | Enclosure: UL Type 1 |  |  |  |  |  |
| TR200P2K2T2 | Trane | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, 208v,3HP. | TR200P2к2T2 | 1 | \$3,067.00 | 50\% | $\$ 1,533.50$ |
|  |  | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, 208v,5HP- |  |  |  |  |  |
| TR200Р3К7T2 | Trane |  | тR200РзК7т2 | 1 | $\$ 3,237.00$ | 50\% | \$1,618.50 |
|  |  | Enclosure: UL Type 1 |  |  |  |  |  |
| TR200Р3к7T2 |  | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, 208v,5HP- <br> Enclosure: 1 Type 12 | TR200Рзктт2 | 1 | \$3,847.00 | 50\% |  |
|  | Trane |  |  |  |  |  | \$1,923.50 |
| TR200P5K5T2 |  | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, 208v,7.5HP- | TR200P5K5T2 | 1 | \$3,610.00 | 50\% |  |
|  | Trane |  |  |  |  |  | \$1,805.00 |
| TR200P5K5T2 |  | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, 208v,7.5HP- | TR200P5K5T2 | 1 | \$4,116.00 | 50\% | \$2,058.00 |
|  | Trane | Enclosure: UL Type 12 |  |  |  |  |  |
| TR200P7K5T2 |  | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, 208v,10HP- | TR200P7K5T2 | 1 | \$4,163.00 | 50\% | $\$ 2,081.50$ |
|  | Trane | Enclosure: UL Type 1 |  |  |  |  |  |
| TR200P7K5T2 |  | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, 208v,10HPEnclosure: UL Type 12 | TR200P7K5T2 | 1 | \$4,670.00 | 50\% |  |
|  | Trane |  |  |  |  |  | \$2,335.00 |
| TR200P11KT2 |  | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, 208v, 15HP- | TR200P11KT2 | 1 | \$4,140.00 |  |  |
|  | Trane |  |  |  |  | 50\% | \$2,070.00 |
| TR200P11KT2 |  | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, 208v,15HPEnclosure: UL Type 12 | TR200P11KT2 | 1 |  |  |  |
|  | Trane |  |  |  | \$5,287.00 | 50\% | \$2,643.50 |
| TR200P15kT2 |  | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, 208v,20HPEnclosure: UL Type 1 | TR200P15kT2 | 1 |  |  |  |
|  | Trane |  |  |  | \$4,799.00 | 50\% | \$2,399.50 |
| TR200P15KT2 |  | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, 208v,20HPEnclosure: UL Type 12 | TR200P15KT2 | 1 |  |  |  |
|  | Trane |  |  |  |  | 50\% | \$3,025.50 |
| TR200P18KT2 |  | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, 208v,25HP-Enclosure: UL Type 1 | TR200P18KT2 | 1 | \$6,051.00 |  |  |
|  | Trane |  |  |  | \$5,967.00 | 50\% | \$2,983.50 |
| TR200P18KT2 |  | Drive with Electronic Bypass w/ Main Fusin \& Disconnect, 208v,25HP-Enclosure: UL Type 12 | TR200P18KT2 | 1 |  |  |  |
|  | Trane |  |  |  | \$7,458.00 | 50\% | \$3,729.00 |
| TR200P22kT2 |  | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, 208v,30HPEnclosure: UL Type 1 | TR200P22KT2 |  |  | 50\% | \$3,945.00 |
|  | Trane |  |  | 1 | \$7,890.00 |  |  |
| TR200P22KT2 |  | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, 208v,30HPEnclosure: UL Type 12 | TR200P22KT2 | 1 |  |  |  |
|  | Trane |  |  |  | \$8,837.00 | 50\% | \$4,418.50 |
| TR200P30KT2 |  | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, 208v, 40HP- | TR200P30KT2 | 1 |  |  |  |
|  | Trane | Enclosure: UL Type 1 |  |  | \$10,006.00 | 50\% | \$5,003.00 |
| TR200P30KT2 |  | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, 208v,40HP- | TR200P30кT2 | 1 |  |  |  |
|  | Trane | Enclosure: UL Type 12 |  |  | \$11,207.00 | 50\% | \$5,603.50 |
| TR200P37KT2 |  | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, 208v,50HP- | TR200P37KT2 | 1 |  |  |  |
|  | Trane | Enclosure: UL Type 1 |  |  | \$10,907.00 | 50\% | \$5,453.50 |
| TR200P37kT2 |  | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, 208v,50HP. | TR200P37KT2 | 1 |  |  |  |
|  | Trane | Enclosure: UL Type 12 |  |  | \$12,216.00 | 50\% | \$6,108.00 |
| TR200P45KT2 |  | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, 208v,60HP- | TR200P45KT2 | 1 |  |  |  |
|  | Trane | Enclosure: UL Type 1 |  |  | \$12,519.00 | 50\% | \$6,259.50 |
| TR200P45KT2 |  | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, 208v,60HP- | TR200P45KT2 | 1 |  |  |  |
|  | Trane | Enclosure: UL Type 12 |  |  | \$14,021.00 | 50\% | \$7,010.50 |
| TR200P1K1T4 |  | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, 460v, 1.5HP- | TR200P1K1T4 | 1 |  |  |  |
|  | Trane | Enclosure: UL Type 1 |  |  | \$2,462.00 | 50\% | \$1,231.00 |
| TR200P1K1T4 |  | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, 460v, 1.5HP- | TR200P1K1T4 | 1 |  |  |  |
|  | Trane | Enclosure: UL Type 12 |  |  | \$2,710.00 | 50\% | \$1,355.00 |
| TR200P1KST4 |  | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, 460v,2HP- | TR200P1K5T4 | 1 |  |  |  |
|  | Trane | Enclosure: UL Type 1 |  |  | \$2,689.00 | 50\% | \$1,344.50 |
| TR200P1K5T4 |  | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, 460v,2HP- | TR200P1K5T4 | 1 |  |  |  |
|  | Trane | Enclosure: UL Type 12 |  |  | \$2,937.00 | 50\% | \$1,468.50 |
| TR200P2K2T4 |  | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, 460v,3HP- | TR200P2K2T4 | 1 |  |  |  |
|  | Trane | Enclosure: UL Type 1 |  |  | \$2,689.00 | 50\% | \$1,344.50 |
| TR200Р2K2T4 |  | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, 460v,3HP- | TR200P2K2T4 | 1 |  |  |  |
|  | Trane | Enclosure: UL Type 12 |  |  | \$2,937.00 | 50\% | \$1,468.50 |
| TR200P4K0T4 |  | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, 460v,5HP- | TR200P4K0T4 | 1 |  |  |  |
|  | Trane | Enclosure: UL Type 1 |  |  | \$2,824.00 | 50\% | \$1,412.00 |
| TR200Р4к0т4 |  | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, 460v,5HP- | TR200P4K0т4 | 1 |  |  |  |
|  | Trane | Enclosure: UL Type 12 |  |  | \$3,072.00 | 50\% | \$1,536.00 |
| TR200P5KST4 |  | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, 460v,7.5HP- | TR200P5K5T4 | 1 |  |  |  |
|  | Trane | Enclosure: UL Type 1 |  |  | \$3,046.00 | 50\% | \$1,523.00 |
| TR200P5K5T4 |  | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, 460v, 7.5 HP - | TR200P5K5T4 | 1 |  |  |  |
|  | Trane | Enclosure: UL Type 12 |  |  | \$3,294.00 | 50\% | \$1,647.00 |
| TR200P7KST4 |  | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, 460v, 10HP- | TR200P7K5T4 | 1 |  |  |  |
|  | Trane | Enclosure: UL Type 1 |  |  | \$3,346.00 | 50\% | \$1,673.00 |
| TR200P7KST4 |  | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, 460v, 10HP- | TR200P7K5T4 | 1 |  |  |  |
|  | Trane | Enclosure: UL Type 12 |  |  | \$3,594.00 | 50\% | \$1,797.00 |
| TR200P11KT4 |  | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, 460v, 15HP- | TR200P11KT4 | 1 |  |  |  |
|  | Trane | Enclosure: UL Type 1 Drive with Electronic Bypass w/ Main Fusing \& Disconect, 460v,15HP. |  |  | \$4,106.00 | 50\% | \$2,053.00 |
| TR200P11KT4 |  | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, 460v, 15HP- | TR200P11KT4 | 1 |  |  |  |
| TR200P15kT4 | Trane | Enclosure: UL Type 12 Drive with Electronic Bypass w/ Main fusing \& Disconnect, 460v, 20HP- | TR200P15KT4 | 1 | \$4,494.00 | 50\% | \$2,247.00 |
|  | Trane | Enclosure: ULType 1 |  |  | \$4,613.00 | 50\% | \$2,306.50 |
| TR200P15KT4 |  | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, 460v, 20HP- | TR200P15kT4 | 1 |  |  |  |
|  | Trane | Enclosure: UL Type 12 |  |  | \$5,001.00 | 50\% | \$2,500.50 |
| TR200P18KT4 |  | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, 460v, 25HP- | TR200P18KT4 | 1 |  |  |  |
|  | Trane | Enclosure: UL Type 1 |  |  | \$5,590.00 | 50\% | \$2,795.00 |
| TR200P18kT4 |  | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, 460v, 25HP- | TR200P18KT4 | 1 |  |  |  |
|  | Trane | Enclosure: ULType 12 |  |  | \$5,978.00 | 50\% | \$2,989.00 |
| TR200P22kT4 |  | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, 460v, 30HP. | TR200P22KT4 | 1 |  |  |  |
|  | Trane | Enclosure: ULType 1 |  |  | \$6,350.00 | 50\% | \$3,175.00 |
| TR200P22KT4 |  | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, 460v, 30HP- | TR200P22KT4 | 1 |  |  |  |
|  | Trane | Enclosure: UL Type 12 |  |  | \$6,738.00 | 50\% | \$3,369.00 |
| TR200P30KT4 |  | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, 460v, 40HP- | TR200P30KT4 | 1 |  |  |  |
|  | Trane |  |  |  | \$7,317.00 | 50\% | \$3,658.50 |
| TR200P30KT4 |  | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, 460v, 40HP- | TR200p30кT4 | 1 |  |  |  |
| TR200P37KT4 | Trane |  | TR200P37KT4 | 1 | \$7,705.00 | 50\% | \$3,852.50 |
|  | Trane | Enclosure: UL Type 1 |  |  | \$8,822.00 | 50\% | \$4,411.00 |
| TR200P37KT4 |  | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, 460v, 50HP- | TR200P37KT4 | 1 |  |  |  |
|  | Trane | Enclosure: UL Type 12 |  |  | \$9,210.00 | 50\% | \$4,605.00 |
| TR200P45KT4 |  | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, 460v, 60HP- | TR200P45KT4 | 1 |  |  |  |
|  | Trane | Enclosure: UL Type 1 |  |  | \$10,482.00 | 50\% | \$5,241.00 |
| TR200P45KT4 |  | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, 460v, 60HP- | TR200P45KT4 | 1 |  |  |  |
| TR200P55KT4 | Trane |  | TR200P55KT4 | 1 | \$10,870.00 | 50\% | \$5,435.00 |
|  | Trane | Enclosure: UL Type 1 |  |  | \$11,909.00 | 50\% | \$5,954.50 |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated
Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems. Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Itegrated Microprocesor-Controled HVAC Equipment such Chillers, Rooftop Units, Boilers, Air Handers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mond Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
3. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
gration, intenance of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxia \& fiber optic), wire, condwit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
期

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Hicroprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Itegrated Microprocessor-Controlled HVAC Equipment such Chillers, Rooftop Units, Boilers, Air Handers, fan coil, unit ventilator, heat pump, remote עO modules, etc. which are Factory-Mours Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integr
products by the authorized user.
3. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, etc.) to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated platforms/systems.
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 , b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
.

A physical security and faciity system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Hodel |  | ouct Descriplion | ode | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, | Hepree | \% Discourt | Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| TR200P16077 | Trane | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, 600/690v, 250HP- | TR200P16007 | 1 | Lerme | \% | , |
|  |  | Enclosure: UL Type 12 |  |  | \$40,894.00 | 50\% | \$20,447.00 |
| TR200P20077 |  | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, $600 / 6900$ v,300HP- | TR200P200T7 | 1 |  |  |  |
|  | Trane | Enclosure: ULType 1 |  |  | \$41,680.00 | 50\% | \$20,840.00 |
| TR200P200t7 |  | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, $600 / 6900$ v,300HP- | TR200P20077 | 1 |  | 50\% |  |
|  | Trane | Enclosure: UL Type 12 |  |  | \$46,334.00 |  | \$23,167.00 |
| TR200P25077 |  | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, $600 / 690 \mathrm{v}, 350 \mathrm{HP}$ Enclosure: UL Type 1 | TR200P25077 | 1 | $\$ 45,943.00$ | 50\% | $\$ 22,971.50$ |
|  | Trane |  |  |  |  |  |  |
| TR200P250T7 |  | Drive with Electronic Bypass w/ Main Fusing \& Disconnect, 600/690v,350HPEnclosure: UL Type 12 | TR200P250T7 | 1 | \$51,214.00 | 50\% | \$25,607.00 |
|  | Trane |  |  |  |  |  |  |
| TR200P1к1T2 | Trane | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, 208v,1.5HP- Enclosure: UL Type 1 | TR200P1K1T2 | 1 |  | 50\% | \$1,049.00 |
|  |  |  |  |  | \$2,098.00 |  |  |
| TR200Р1к1T2 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect,208v,1.5HP- Enclosure: UL Type 12 | TR200P1K1T2 | 1 | \$2,295.00 | 50\% |  |
|  | Trane |  |  |  |  |  | \$1,147.50 |
| TR200P1K5T2 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P1KST2 | 1 | $\$ 2,236.00$ | 50\% | \$1,118.00 |
|  | Trane | 208v,2HP- Enclosure: UL Type 1 |  |  |  |  |  |
| TR200P1K5T2 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P1K5T2 | 1 |  |  |  |
|  | Trane | 208V,2HP- Enclosure: UL Type 12 |  |  | \$2,433.00 | 50\% | \$1,216.50 |
| TR200P2к2T2 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, 208v,3HP- Enclosure: UL Type 1 | TR200Р2к2T2 | 1 |  |  |  |
|  | Trane |  |  |  | \$2,472.00 | 50\% | \$1,236.00 |
| TR200P2K2T2 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P2K2T2 | 1 |  |  |  |
|  | Trane |  |  |  | \$2,669.00 | 50\% | \$1,334.50 |
| TR200P3k7T2 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P3K7T2 | 1 |  |  |  |
|  | Trane | 208v,5HP- Enclosure: UL Type 1 |  |  | \$2,832.00 | 50\% | \$1,416.00 |
| TR200Р3к7T2 |  | Drive with Electro-Mechanical sypass w/ Drive Fusing \& Main Disconnect, | TR200Рзк7T2 | 1 |  |  |  |
|  | Trane |  |  |  | \$3,413.00 | 50\% | \$1,706.50 |
| TR200P5K5T2 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR20095K5T2 | 1 |  |  |  |
|  | Trane | 208v,7.5HP- Enclosure: UL Type 1 |  |  | \$3,186.00 | 50\% | \$1,593.00 |
| TR200P5K5T2 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P5K5T2 | 1 |  |  |  |
|  | Trane | 208v,7.5P- Enclosure: UL Type 12 |  |  | \$3,669.00 | 50\% | \$1,834.50 |
| TR200P7K5T2 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200p7KST2 | 1 |  |  |  |
|  | Trane | 208v,10HP- Enclosure: UL Type 1 |  |  | \$3,713.00 | 50\% | \$1,856.50 |
| TR200P7K5T2 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P7KST2 | 1 |  |  | \$2,098.00 |
|  | Trane | 208v,10HP- Enclosure: UL Type 12 |  |  | \$4,196.00 | 50\% |  |
| TR200P11KT2 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P11KT2 | 1 |  |  | \$18,565.00 |
|  | Trane | 208v,15HP- Enclosure: UL Type 1 |  |  | \$37,130.00 | 50\% |  |
| TR200P11kT2 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P11KT2 | 1 |  |  |  |
|  | Trane | 208v,15HP- Enclosure: UL Type 12 |  |  | \$4,798.00 | 50\% | \$2,399.00 |
| TR200P15KT2 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P15KT2 | 1 |  |  |  |
|  | Trane |  |  |  | \$4,350.00 | 50\% | \$2,175.00 |
| TR200P15KT2 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect,208v, 2 HP - Enclosure: ULType 12 | TR200P15KT2 | 1 |  |  |  |
|  | Trane |  |  |  | \$5,515.00 | 50\% | \$2,757.50 |
| TR200P18KT2 |  | Drive with Electro-Mechanical sypass w/ Drive Fusing \& Main Disconnect, | TR200P18kT2 | 1 |  |  |  |
|  | Trane | 208V,25HP-Enclosure: UL Type 1 |  |  | \$5,428.00 | 50\% | \$2,714.00 |
| TR200P18KT2 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P18kT2 | 1 |  |  |  |
|  | Trane | 208v,25HP- Enclosure: UL Type 12 |  |  | \$6,818.00 | 50\% | \$3,409.00 |
| TR200P22KT2 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P22KT2 | 1 |  |  |  |
|  | Trane | 208,30HP-Enclosure: UL Type 1 |  |  | \$7,213.00 | 50\% | \$3,606.50 |
| TR200P22KT2 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P22KT2 | 1 |  |  |  |
|  | Trane | 2088,30HP- Enclosure: UL Type 12 |  |  | \$8,079.00 | 50\% | \$4,039.50 |
| TR200P30KT2 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P30kT2 | 1 |  |  |  |
|  | Trane | 208v, 40HP- Enclosure: UL Type 1 |  |  | \$9,148.00 | 50\% | \$4,574.00 |
| TR200P30кт2 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P30кт2 | 1 |  |  |  |
|  | Trane | 208v,40HP- Enclosure: UL Type 12 |  |  | \$10,246.00 | 50\% | \$5,123.00 |
| TR200P37KT2 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P37KT2 | 1 |  |  |  |
|  | Trane | 208v,50HP- Enclosure: UL Type 1 |  |  | \$9,994.00 | 50\% | \$4,997.00 |
| TR200P37KT2 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P37KT2 | 1 |  |  |  |
|  | Trane | 208v,50HP- Enclosure: UL Type 12 |  |  | \$11,194.00 | 50\% | \$5,597.00 |
| TR200P45KT2 |  | Drive with Electro-Mechanical sypass w/ Drive Fusing \& Main Disconnect, | TR200P45KT2 | 1 |  |  |  |
|  | Trane | 208v,60HP- Enclosure: UL Type 1 |  |  | \$11,513.00 | 50\% | \$5,756.50 |
| TR200P45KT2 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P45KT2 | 1 |  |  |  |
|  | Trane | 208v,60HP- Enclosure: UL Type 12 |  |  | \$12,893.00 | 50\% | \$6,446.50 |
| TR200P1K1T4 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P1K1T4 | 1 |  |  |  |
|  | Trane | 460V,1.5HP- Enclosure: UL Type 1 |  |  | \$2,128.00 | 50\% | \$1,064.00 |
| TR200P1K1T4 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P1K1T4 | 1 |  |  |  |
|  | Trane | 460v,1.5HP- Enclosure: UL Type 12 |  |  | \$2,364.00 | 50\% | \$1,182.00 |
| TR200P1K5T4 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P1K5T4 | 1 |  |  |  |
|  | Trane |  |  |  | \$2,344.00 | 50\% | \$1,172.00 |
| TR200P1K5T4 | Trane | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, $460 \mathrm{y}, 2 \mathrm{HP}$ - Enclosure: UL Type 12 460v,2HP- Enclosure: UL Type 12 | TR200P1K5T4 | 1 | \$2,581.00 | 50\% | \$1,290.50 |
| TR200P2K2T4 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200Р2к2T4 | 1 |  |  |  |
|  | Trane | 460v,3HP- Enclosure: UL Type 1 |  |  | \$2,344.00 | 50\% | \$1,172.00 |
| TR200P2K2T4 |  | Drive with Electro-Mechanical sypass w/ Drive Fusing \& Main Disconnect, | TR200P2K2T4 | 1 |  |  |  |
|  | Trane | 460v,3HP- Enclosure: UL Type 12 |  |  | \$2,581.00 | 50\% | \$1,290.50 |
| TR200P4K0T4 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200Р4к0т4 | 1 |  |  |  |
|  | Trane | 460v,5HP-Enclosure: ULType 1 |  |  | \$2,472.00 | 50\% | \$1,236.00 |
| TR200P4K0T4 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200Р4K0T4 | 1 |  |  |  |
|  | Trane | 460v,5HP- Enclosure: UL Type 12 |  |  | \$2,709.00 | 50\% | \$1,354.50 |
| TR200P5KST4 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P5K5T4 | 1 |  |  |  |
|  | Trane | 4600,7.5.5P- Enclosure: UL Type 1 |  |  | \$2,650.00 | 50\% | \$1,325.00 |
| TR200P5K5T4 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P5K5T4 | 1 |  |  |  |
|  | Trane | 460v, 7.5HP-Enclosure: UL Type 12 |  |  | \$2,886.00 | 50\% | \$1,443.00 |
| TR200P7K5T4 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P7K5T4 | 1 |  |  |  |
|  | Trane | 460V,10HP-Enclosure: UL Type 1 |  |  | \$2,935.00 | 50\% | \$1,467.50 |
| TR200P7K5T4 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P7K5T4 | 1 |  |  |  |
|  | Trane | 460v,10HP- Enclosure: UL Type 12 |  |  | \$3,172.00 | 50\% | \$1,586.00 |
| TR200P11KT4 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P11kT4 | 1 |  |  |  |
|  | Trane | 460v,15HP- Enclosure: UL Type 1 |  |  | \$3,659.00 | 50\% | \$1,829.50 |
| TR200P11KT4 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P11kT4 | 1 |  |  |  |
|  | Trane | 460v,15HP- Enclosure: UL Type 12 |  |  | \$4,029.00 | 50\% | \$2,014.50 |
| TR200P15KT4 |  | Drive with Electro-Mechanical sypass w/ Drive Fusing \& Main Disconnect, | TR200P15KT4 | 1 |  |  |  |
|  | Trane | 460v, 20HP- Enclosure: UL Type 1 |  |  | \$2,142.00 | 50\% | \$1,071.00 |
| TR200P15KT4 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P15KT4 | 1 |  |  |  |
|  | Trane | 460v,20HP- Enclosure: UL Type 12 |  |  | \$4,511.00 | 50\% | \$2,255.50 |
| TR200P18KT4 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P18kT4 | 1 |  |  |  |
|  | Trane | 460V,25HP- Enclosure: UL Type 1 |  |  | \$5,073.00 | 50\% | \$2,536.50 |
| TR200P18KT4 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P18KT4 | 1 |  |  |  |
|  | Trane | 460v,25HP- Enclosure: UL Type 12 |  |  | \$5,442.00 | 50\% | \$2,721.00 |
| TR200P22KT4 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P22KT4 | 1 |  |  |  |
|  | Trane | 460V,30HP- Enclosure: UL Type 1 |  |  | \$5,743.00 | 50\% | \$2,871.50 |
| TR200P22KT4 |  | Drive with Electro-Mechanical sypass w/ Drive Fusing \& Main Disconnect, | TR200P22KT4 | 1 |  |  |  |
|  | Trane |  |  |  | \$6,112.00 | 50\% | \$3,056.00 |
| TR200P30кT4 | Trane | Drive with Electro-Mechanical Bypass w Wrive Fusing \& Main Disconnect, $460 \mathrm{O}, 0 \mathrm{HP}$ - Enclosure: UT Type 1 | TR200P30кт4 |  | \$6,619.00 | 50\% | \$3,309.5 |

The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated
Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems. Nicroprocessor-Controlled HVAC Equipment in a building or faciilty. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems
2. It arrated Microprocessor-Controlled HVAC Equipment such Chillers, Rooftop Units, Boilers, Air Haders, fan coil, unit ventilator, heat pump remote I/O modules, etc. which are Factory-Mouted IV Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integra
products by the authorized user.
products by the authorized user.
3. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocesso Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, etc.) to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated platforms/systems.
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 , b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and e of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxia \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited


A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Model Number |  | Foduct Desaripition | Product Code | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54" | List Pice | \% Discoum | Nrs Nel Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| TR200P30KT4 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P30KT4 | 1 |  |  |  |
|  | Trane | 460v,40HP- Enclosure: UL Type 12 |  |  | \$6,989.00 | 50\% | \$3,494.50 |
| TR200P37KT4 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200p37KT4 | 1 |  |  |  |
|  | Trane | 460V,50HP-Enclosure: ULType 1 |  |  | \$8,052.00 | 50\% | \$4,026.00 |
| TR200P37KT4 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P37KT4 | 1 |  |  |  |
|  | Trane | 460v,50HP- Enclosure: UL Type 12 |  |  | \$8,422.00 | 50\% | \$4,211.00 |
| TR200P45KT4 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P45KT4 | 1 |  |  |  |
|  | Trane | $460 \mathrm{~V}, 60 \mathrm{HP}$ - Enclosure: UL Type 1 |  |  | \$9,633.00 | 50\% | \$4,816.50 |
| TR200P45KT4 |  | Drive with Electro-Mechanical sypass w/ Drive Fusing \& Main Disconnect, | TR200P45KT4 | 1 |  |  |  |
|  | Trane | 460v,60HP- Enclosure: ULType 12 |  |  | \$10,003.00 | 50\% | \$5,001.50 |
| TR200955kT4 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P55KT4 | 1 |  |  |  |
|  | Trane | 460v,75HP- Enclosure: UL Type 1 |  |  | \$10,751.00 | 50\% | \$5,375.50 |
| TR200955kT4 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P55KT4 | 1 |  |  |  |
|  | Trane | 460v,75HP- Enclosure: UL Type 12 |  |  | \$11,121.00 | 50\% | \$5,560.50 |
| TR200P75KT4 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P75KT4 | 1 |  |  |  |
|  | Trane | 460v,100HP- Enclosure: UL Type 1 |  |  | \$13,583.00 | 50\% | \$6,791.50 |
| TR200P75KT4 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P75KT4 | 1 |  |  |  |
|  | Trane | 460v,100HP- Enclosure: UL Type 12 |  |  | \$15,799.00 | 50\% | \$7,899.50 |
| TR200990кт4 |  | Drive with Electro-Mechanical sypass w/ Drive Fusing \& Main Disconnect, | TR200990кт4 | 1 |  |  |  |
|  | Trane | 460v,125HP- Enclosure: UL Type 1 |  |  | \$14,105.00 | 50\% | \$7,052.50 |
| TR200P90kT4 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200990kT4 | 1 |  |  |  |
| TR200P110T4 | Trane | 460v,125HP- Enclosure: UL Type 12 <br> Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P110T4 | 1 | \$16,321.00 | 50\% | \$8,160.50 |
|  | Trane | 460V,150HP-Enclosure: UL Type 1 |  |  | \$16,814.00 | 50\% | \$8,407.00 |
| TR200P110T4 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P110T4 | 1 |  |  |  |
|  | Trane | 460v,150HP- Enclosure: UL Type 12 |  |  | \$21,246.00 | 50\% | \$10,623.00 |
| TR200P132T4 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P132T4 | 1 |  |  |  |
|  | Trane | 460v,200HP- Enclosure: UL Type 1 |  |  | \$23,591.00 | 50\% | \$11,795.50 |
| TR200P132T4 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P132T4 | 1 |  |  |  |
|  | Trane | 460v,200HP- Enclosure: UL Type 12 |  |  | \$28,023.00 | 50\% | \$14,011.50 |
| TR200P160T4 |  | Drive with Electro-Mechanical sypass w/ Drive Fusing \& Main Disconnect, | TR200P160T4 | 1 |  |  |  |
|  | Trane | 460v, 250HP- Enclosure: UL Type 1 |  |  | \$27,531.00 | 50\% | \$13,765.50 |
| TR200P16074 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P160T4 | 1 |  |  |  |
|  | Trane | 460v,250HP- Enclosure: UL Type 12 |  |  | \$31,963.00 | 50\% | \$15,981.50 |
| TR200P20074 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, 4660 , 300 HP - Enclosure U Type 1 | TR200P20074 | 1 |  |  |  |
| TR200P200T4 | Trane | ( $4600,300 \mathrm{HP}$ - Enclosure: UL Type 1 | TR200P200T4 | 1 | \$31,747.00 | 50\% | \$15,873.50 |
|  | Trane | 460V,300HP- Enclosure: ULType 12 |  |  | \$36,179.00 | 50\% | \$18,089.50 |
| TR200P25074 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P250T4 | 1 |  |  |  |
|  | Trane | 460v,350HP- Enclosure: UL Type 1 |  |  | \$39,070.00 | 50\% | \$19,535.00 |
| TR200P25074 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P250T4 | 1 |  |  |  |
|  | Trane | 460v,350HP- Enclosure: UL Type 12 |  |  | \$43,995.00 | 50\% | \$21,997.50 |
| TR200P1K1T6 | Trane | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, <br> 600/690v,1.5HP- Enclosure: UL Type 1 | TR200P1K1T6 | 1 | \$2,285.00 | 50\% | \$1,142.50 |
| TR200P1K1T6 | Tras | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P1K1T6 | 1 | \$2,28.00 |  | \$1,142.50 |
|  | Trane | 600/690v,1.5HP-Enclosure: UL Type 12 |  |  | \$3,194.00 | 50\% | \$1,597.00 |
| TR200P1KST6 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P1K5T6 | 1 |  |  |  |
|  | Trane | 600/690V,2HP- Enclosure: UL Type 1 |  |  | \$2,531.00 | 50\% | \$1,265.50 |
| TR200P1KST6 |  | Drive with Electro-Mechanical sypass w/ Drive Fusing \& Main Disconnect, | TR200P1K5T6 | 1 |  |  |  |
|  | Trane |  |  |  | \$3,54.00 | 50\% | \$1,772.00 |
| TR200P2K2T6 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P2K2T6 | 1 |  |  |  |
| TR200P2K2T6 | Trane | 600/690v,3HP- Enclosure: UL Type 1 <br> Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P2K2T6 | 1 | \$2,531.00 | 50\% | \$1,265.50 |
|  | Trane | 600/690v,3HP- Enclosure: UL Type 12 |  |  | \$3,542.00 | 50\% | \$1,771.00 |
| TR200P4к0т6 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200Р4кКт6 | 1 |  |  |  |
|  | Trane | 600/6900,5HP- Enclosure: UL Type 1 |  |  | \$2,679.00 | 50\% | \$1,339.50 |
| TR200P4k0т6 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P4K0т6 | 1 |  |  |  |
|  | Trane | 600/690v,5HP- Enclosure: UL Type 12 |  |  | \$3,920.00 | 50\% | \$1,960.00 |
| TR200P5K5T6 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P5K5T6 | 1 |  |  |  |
|  | Trane | 600/690V,7.5HP- Enclosure: UL Type 1 |  |  | \$2,886.00 | 50\% | \$1,443.00 |
| TR200P5KST6 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P5K5T6 | 1 |  |  |  |
|  | Trane | 600/690v,7.5HP- Enclosure: UL Type 12 |  |  | \$3,930.00 | 50\% | \$1,965.00 |
| TR200P7K5T6 | Trane | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, 600/690, 10HP- Enclosure: UL Type 1 | TR200P7K5T6 | 1 | \$3,211.00 | 50\% | \$1,605.50 |
| TR200P7KST6 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P7K5T6 | 1 | \$3,21.00 | 50\% | \$1,605.50 |
|  | Trane | 600/690v,10HP- Enclosure: UL Type 12 |  |  | \$4,296.00 | 50\% | \$2,148.00 |
| TR200P11KT6 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P11KT6 | 1 |  |  |  |
|  | Trane | 600/690v,15HP- Enclosure: UL Type 1 |  |  | \$4,014.00 | 50\% | \$2,007.00 |
| TR200P11KT6 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P11KT6 | 1 |  |  |  |
|  | Trane | 600/690v,15HP- Enclosure: UL Type 12 |  |  | \$5,255.00 | 50\% | \$2,627.50 |
| TR200P15KT6 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P15KT6 | 1 |  |  |  |
|  | Trane | 600/690v,20HP- Enclosure: UL Type 1 |  |  | \$4,565.00 | 50\% | \$2,282.50 |
| TR200P15kT6 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P15KT6 | 1 |  |  |  |
|  | Trane | 600/690v,20HP- Enclosure: UL Type 12 |  |  | \$5,895.00 | 50\% | \$2,947.50 |
| TR200P18kT6 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P18KT6 | 1 |  |  |  |
|  | Trane | 600/690v,25HP- Enclosure: UL Type 1 |  |  | \$5,304.00 | 50\% | \$2,652.00 |
| TR200P18kT6 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P18KT6 | 1 |  |  |  |
|  | Trane | 600/690\%,25HP- Enclosure: UL Type 12 |  |  | \$6,726.00 | 50\% | \$3,363.00 |
| TR200P22kT6 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, 600/690v,30HP- Enclosure: UL Type 1 | TR200P22KT6 | 1 |  |  |  |
| TR200P22KT6 | Trane |  | TR200P22KT6 | 1 | \$6,363.00 | 50\% | \$3,181.50 |
|  | Trane | 600/690V,30HP- Enclosure: UL Type 12 |  |  | \$7,967.00 | 50\% | \$3,983.50 |
| тR200p30кт6 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200p30кт6 | 1 |  |  |  |
|  | Trane | 600/690v,40HP- Enclosure: UL Type 1 |  |  | \$3,778.00 | 50\% | \$1,889.00 |
| TR200p30кт6 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, 600/690v, 40HP- Enclosure: UL Type 12 | TR200Рзокт6 | 1 |  |  |  |
| TR200P37KT6 | Trane | 600/690V,40HP-Enclosure: UL Type 12 <br> Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P37KT6 | 1 | \$9,108.00 | 50\% | \$4,554.00 |
|  | Trane | 600/690v,50HP- Enclosure: U UType 1 |  |  | \$9,008.00 | 50\% | \$4,504.00 |
| TR200P37KT6 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P37KT6 | 1 |  |  |  |
|  | Trane | 600/690v,50HP- Enclosure: UL Type 12 |  |  | \$11,123.00 | 50\% | \$5,561.50 |
| TR200P45KT6 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P45KT6 | 1 |  |  |  |
| TR200P45KT6 | Trane |  | TR200P45KT6 | 1 | \$10,328.00 | 50\% | \$5,164.00 |
|  | Trane | 600/690v,60HP- Enclosure: UL Type 12 |  |  | \$12,750.00 | 50\% | \$6,375.00 |
| TR200P55kT6 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P55kT6 | 1 |  |  |  |
|  | Trane | 600/6900, 75 HP- Enclosure: UL Type 1 |  |  | \$12,012.00 | 50\% | \$6,006.00 |
| TR200955kT6 | Trane | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, 600/690v,75HP- Enclosure: UL Type 12 | TR200P55KT6 | 1 | \$13,454.00 | 50\% | \$6,727.00 |
| TR200p75kT6 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P75KT6 | 1 |  |  |  |
|  | Trane | 600/690v,100HP- Enclosure: UL Type 1 |  |  | \$14,100.00 | 50\% | \$7,050.00 |
| TR200P75KT6 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200P75KT6 | 1 |  |  |  |
|  | Trane | 600/690v,100HP- Enclosure: UL Type 12 |  |  | \$16,317.00 | 50\% | \$8,158.50 |
| TR200p9okt6 |  | Drive with Electro-Mechanical Bypass w/ Drive Fusing \& Main Disconnect, | TR200pgokt6 | 1 |  |  |  |
|  | Trane | 600/690v,125HP- Enclosure: UL Type 1 |  |  | \$15,721.00 | 50\% | \$7,860.50 |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated
Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems. Nicroprocessor-Controlled HVAC Equipment in a building or faciilty. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems
2. It arrated Microprocessor-Controlled HVAC Equipment such Chillers, Rooftop Units, Boilers, Air Haders, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mouted IVC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
3. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
4. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
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The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, Showers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
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A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To commumicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated
Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems. Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
 Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
2. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
3. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
e of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
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A. General Purpose I,, Telecommumications, Networking Cabing,

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| hoodel |  | oduct Dossiriplon | ode | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, | Listrice | \% Discount | NvS Nel Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| TR200P45KT6 | Trane | Drive with Electro-Mechanical Bypass w/ Main Fusing \& Disconnect, 600/690v, 60HP- Enclosure: UL Type 12 | TR200P45KT6 | 1 | \$13,100.00 | 50\% | \$6,550.00 |
| TR200p55kt6 |  | Drive with Electro-Mechanical Bypass w/ Main Fusing \& Disconnect, 600/690v,75HP- Enclosure: UL Type 1 | TR200955KT6 | 1 | \$12,603.00 | 50\% |  |
|  | Trane |  |  |  |  |  | \$6,301.50 |
| TR200P55kT6 |  | Drive with Electro-Mechanical Bypass w/ Main Fusing \& Disconnect, | TR200P55kT6 | 1 | \$14,045.00 | 50\% | \$7,022.50 |
|  | Trane | 600/690, 75HP- Enclosure: UL Type 12 |  |  |  |  |  |
| TR200P75Kт6 | Trane | Drive with Electro-Mechanical Bypass w/ Main Fusing \& Disconnect, 600/690v,100HP- Enclosure: UL Type 1 | TR200P75KT6 | 1 | \$14,691.00 | 50\% | \$7,345.50 |
| TR200P75kT6 |  | Drive with Electro-Mechanical Bypass w/ Main Fusing \& Disconnect, 600/690v,100HP- Enclosure: UL Type 12 | TR200P75kT6 | 1 | \$16,908.00 | 50\% |  |
|  | Trane |  |  |  |  |  | \$8,454.00 |
| TR200p9okt6 |  | Drive with Electro-Mechanical Bypass w/ Main Fusing \& Disconnect, 600/690v,125HP- Enclosure: UL Type 1 | TR200990кт6 | 1 | \$16,312.00 | 50\% |  |
|  | Trane |  |  |  |  |  | \$8,156.00 |
| TR200p9okt6 |  | Drive with Electro-Mechanical Bypass w/ Main Fusing \& Disconnect,$600 / 690 v, 125 H P$ - Enclosure: UL Type 12 | TR200p9okt6 | 1 | \$18,528.00 | 50\% | \$9,264.00 |
|  | Trane |  |  |  |  |  |  |
| TR200P110T7 |  | Drive with Electro-Mechanical Bypass w/ Main Fusing \& Disconnect, 600/690v,150HP- Enclosure: UL Type 1 | TR200P110T7 | 1 | \$20,961.00 | 50\% | \$10,480.50 |
|  | Trane |  |  |  |  |  |  |
| TR200P110T7 |  | Drive with Electro-Mechanical Bypass w/ Main Fusing \& Disconnect, 600/690v,150HP- Enclosure: UL Type 12 | TR200P110T7 | 1 | $\$ 23,177.00$ | 50\% | \$11,588.50 |
|  | Trane |  |  |  |  |  |  |
| TR200P132T7 |  | Drive with Electro-Mechanical Bypass w/ Main Fusing \& Disconnect, 600/690v,200HP- Enclosure: UL Type 1 | TR200P132T7 | 1 | \$28,526.00 | 50\% | \$14,263.00 |
| TR200P132T7 | Trane | Drive with Electro-Mechanical Bypass w/ Main Fusing \& Disconnect, 600/690v,200HP- Enclosure: UL Type 12 | TR200P132T7 | 1 | \$32,958.00 |  |  |
|  | Trane |  |  |  |  | 50\% | \$16,479.00 |
| TR200P16077 |  | Drive with Electro-Mechanical Bypass w/ Main Fusing \& Disconnect, 600/690v,250HP- Enclosure: UL Type 1 | TR200P16077 | 1 | \$34,514.00 | 50\% | \$17,257.00 |
|  | Trane |  |  |  |  |  |  |
| TR200P160T7 |  | Drive with Electro-Mechanical Bypass w/ Main Fusing \& Disconnect,$600 / 690 v, 250 H P-$ Enclosure: UL Type 12 | TR200P160T7 | 1 | \$38,947.00 |  |  |
|  | Trane |  |  |  |  | 50\% | \$19,473.50 |
| TR200P200t7 |  | Drive with Electro-Mechanical Bypass w/ Main Fusing \& Disconnect, 600/690v,300HP- Enclosure: UL Type 1 | TR200P20077 | 1 | \$39,696.00 |  |  |
|  | Trane |  |  |  |  | 50\% | \$19,848.00 |
| TR200P200t7 |  | Drive with Electro-Mechanical Bypass w/ Main Fusing \& Disconnect, 600/690v,300HP- Enclosure: UL Type 12 | TR200P200T7 | 1 | \$44,128.00 | 50\% | \$22,064.00 |
|  | Trane |  |  |  |  |  |  |
| TR200P25077 | Trane | Drive with Electro-Mechanical Bypass w/ Main Fusing \& Disconnect, 600/690v,350HP- Enclosure: UL Type 1 | TR200P25077 | 1 | \$43,756.00 | 50\% | \$21,878.00 |
| TR200P25077 |  | Drive with Electro-Mechanical Bypass w/ Main Fusing \& Disconnect,$600 / 690 \%, 350 \mathrm{HP}$ - nclosure: ul Type 12 | TR200P25077 | 1 | \$48,547.00 |  |  |
|  | Trane |  |  |  |  | 50\% | \$24,273.50 |
| TR200P1K1T2 |  | Drive with Electro-Mechanical Bypass, 208v,1.5HP- Enclosure: NEMA 3 R w/ Drive Fusing \& Main Disconnect | TR200P1K1T2 | 1 | \$3,560.00 | 5\% | \$1,780.00 |
|  | Trane |  |  |  |  |  |  |
| TR200P1K1T2 |  | Drive with Electro-Mechanical Bypass, 208v,1.5HP- Enclosure: NEMA 3 R w/ Main Fusing \& Disconnect | TR200P1K1T2 | 1 | \$3,625.00 | 50\% | \$1,812.50 |
|  | Trane |  |  |  |  |  |  |
| TR200P1K5T2 |  | Drive with Electro-Mechanical Bypass, 208v,2HP- Enclosure: NEMA 3R - w/Drive Fusing \& Main Disconnect | TR200P1K5T2 | 1 | \$3,700.00 | 50\% | \$1,850.00 |
|  | Trane |  |  |  |  |  |  |
| TR200P1K5T2 |  | Drive with Electro-Mechanical Bypass, 208v,2HP- Enclosure: NEMA 3R - w/ Main Fusing \& Disconnect | TR200P1KST2 | 1 | \$3,765.00 | 50\% | \$1,882.50 |
|  | Trane |  |  |  |  |  |  |
| TR200P2k2T2 |  | Drive with Electro-Mechanical Bypass, 208v,3HP- Enclosure: NEMA 3 R - w/Drive Fusing \& Main Disconnect | TR200Р2к2T2 | 1 | \$3,940.00 | 50\% |  |
|  | Trane |  |  |  |  |  | \$1,970.00 |
| TR200P2K2T2 |  | Drive with Electro-Mechanical Bypass, 208v,3HP- Enclosure: NEMA 3R-w/ | TR200P2K2T2 |  | \$4,015.00 |  |  |
|  | Trane | Main Fusing \& Disconnect |  | 1 |  | 50\% | \$2,007.50 |
| TR200P3K7T2 |  | Drive with Electro-Mechanical Bypass, 208v,5HP- Enclosure: NEMA 3 - -w/ | TR200P3k7T2 |  |  |  |  |
|  | Trane | Drive Fusing \& Main Disconnect |  |  | \$4,325.00 | 50\% | \$2,162.50 |
| TR200P3K7T2 |  | Drive with Electro-Mechanical Bypass, 208v,5HP- Enclosure: NEMA 3R - w/ | TR200P3k7T2 | 1 |  |  |  |
|  | Trane | Main Fusing \& Disconnect |  |  | \$4,400.00 | 50\% | \$2,200.00 |
| TR200P5K5T2 |  | Drive with Electro-Mechanical Bypass, 208v,7.54P- Enclosure: NEMA 3R- | TR200P5K5T2 | 1 |  |  |  |
|  | Trane | w/ Drive Fusing \& Main Discoonnect |  |  | \$4,685.00 | 50\% | \$2,342.50 |
| TR200P5K5T2 |  | Drive with Electro-Mechanical Bypass, 208v,7.5HP- Enclosure: NEMA 3R- | TR200P5K5T2 | 1 |  |  |  |
|  | Trane | w/ Main Fusing \& Disconnect |  |  | \$4,760.00 | 50\% | \$2,380.00 |
| TR200P7K5T2 |  | Drive with Electro-Mechanical Bypass, 208v,10HP- Enclosure: NEMA 3 R - w/ | TR200P7K5T2 | 1 |  |  |  |
|  | Trane | Drive Fusing \& Main Disconnect |  |  | \$5,220.00 | 50\% | \$2,610.00 |
| TR200P7K5T2 |  | Drive with Electro-Mechanical Bypass, 208v,10HP- Enclosure: NEMA 3 R - w/ | TR200P7K5T2 | 1 |  |  |  |
|  | Trane | Main Fusing \& Disconnect |  |  | \$5,295.00 | 50\% | \$2,647.50 |
| TR200P11KT2 |  | Drive with Electro-Mechanical Bypass, 208v,15HP- Enclosure: NEMA 3 R - w/ | TR200P11kT2 | 1 |  |  |  |
|  | Trane | Drive Fusing \& Main Disconnect |  |  | \$5,620.00 | 50\% | \$2,810.00 |
| TR200P11KT2 |  | Drive with Electro-Mechanical Bypass, 208v,15HP- Enclosure: NEMA 3R-w/ | TR200P11KT2 | 1 |  |  |  |
|  | Trane | Main Fusing \& Disconnect |  |  | \$5,684.00 | 50\% | \$2,842.00 |
| TR200P15KT2 |  | Drive with Electro-Mechanical Bypass, 208v,20HP- Enclosure: NEMA 3R - w/ | TR200P15kT2 | 1 |  |  |  |
|  | Trane | Drive Fusing \& Main Disconnect |  |  | \$7,386.00 | 50\% | \$3,693.00 |
| TR200P15KT2 |  | Drive with Electro-Mechanical Bypass, 208v,20HP- Enclosure: NEMA 3R - w/ | TR200P15kT2 | 1 |  |  |  |
|  | Trane | Main Fusing \& Disconnect |  |  | \$7,452.00 | 50\% | \$3,726.00 |
| TR200P18KT2 |  | Drive with Electro-Mechanical Bypass, 208v,25HP- Enclosure: NEMA 3 R - w/ | TR200P18kT2 | 1 |  |  |  |
|  | Trane | Drive Fusing \& Main Disconnect |  |  | \$8,117.00 | 50\% | \$4,058.50 |
| TR200P18KT2 |  | Drive with Electro-Mechanical Bypass, 208v,25HP- Enclosure: NEMA 3 R - w/ | TR200P18kT2 | 1 |  |  |  |
|  | Trane | Main Fusing \& Disconnect |  |  | \$8,194.00 | 50\% | \$4,097.00 |
| TR200P22KT2 |  | Drive with Electro-Mechanical Bypass, 208v,30HP- Enclosure: NEMA 3 R - w/ | TR200P22kT2 | 1 |  |  |  |
|  | Trane | Drive Fusing \& Main Disconnect |  |  | \$9,618.00 | 50\% | \$4,809.00 |
| TR200P22KT2 |  | Drive with Electro-Mechanical Bypass, 208v,30HP- Enclosure: NEMA 3 R - w/ | TR200P22KT2 | 1 |  |  |  |
|  | Trane | Main Fusing \& Disconnect |  |  | \$9,708.00 | 50\% | \$4,854.00 |
| TR200P1K1T4 |  | Drive with Electro-Mechanical Bypas, , 460v,1.5HP- Enclosure: NEMA 3R- | TR200P1K1T4 | 1 |  |  |  |
|  | Trane | w/ Drive Fusing \& Main Disconnect |  |  | \$3,590.00 | 50\% | \$1,795.00 |
| TR200P1K1T4 |  | Drive with Electro-Mechanical Bypass, 460v,1.5HP- Enclosure: NEMA 3R- | TR200P1к1T4 | 1 |  |  |  |
|  | Trane | w/ Main Fusing \& Disconnect |  |  | \$3,655.00 | 50\% | \$1,827.50 |
| TR200P1KST4 |  | Drive with Electro-Mechanical Bypass, $460 \mathrm{v}, 2 H \mathrm{P}$ - Enclosure: NEMA $3 R-\mathrm{w} /$ | TR200P1K5T4 | 1 |  |  |  |
|  | Trane | Drive Fusing \& Main Disconnect |  |  | \$3,810.00 | 50\% | \$1,905.00 |
| TR200P1K5T4 |  | Drive with Electro-Mechanical Bypas, $460 \mathrm{~V}, 2 \mathrm{HP}$ - Enclosure: NEMA $3 R$ - w/ | TR200P1K5T4 | 1 |  |  |  |
|  | Trane | Main Fusing \& Disconnect |  |  | \$3,875.00 | 50\% | \$1,937.50 |
| TR200P2K2T4 |  | Drive with Electro-Mechanical Bypass, $460 \mathrm{~V}, 3$ HP- Enclosure: NEMA $3 R$ - w/ | TR200Р2к2T4 | 1 |  |  |  |
|  | Trane | Drive Fusing \& Main Disconnect |  |  | \$3,810.00 | 50\% | \$1,905.00 |
| TR200P2K2T4 |  | Drive with Electro-Mechanical Bypass, $460 \mathrm{~V}, 3 \mathrm{HP}$ - Enclosure: NEMA $3 R-\mathrm{w} /$ | TR200P2K2T4 | 1 |  |  |  |
|  | Trane | Main Fusing \& Disconnect |  |  | \$3,875.00 | 50\% | \$1,937.50 |
| TR200P4k0T4 |  | Drive with Electro-Mechanical Bypas, $460 \mathrm{v}, 5 \mathrm{HP}$ - Enclosure: NEMA $3 R-\mathrm{w} /$ | TR200P4K0T4 | 1 |  |  |  |
|  | Trane | Drive Fusing \& Main Disconnect |  |  | \$3,940.00 | 50\% | \$1,970.00 |
| TR200P4K0T4 |  | Drive with Electro-Mechanical Bypas, $460 \mathrm{~V}, 5 \mathrm{HP}$ - Enclosure: NEMA $3 R$ - w/ | TR200Р4K0т4 | 1 |  |  |  |
|  | Trane | Main Fusing \& Disconnect |  |  | \$4,005.00 | 50\% | \$2,002.50 |
| TR200P5KST4 |  | Drive with Electro-Mechanical Bypass, 460v,7.5HP- Enclosure: NEMA 3R- | TR200P5K5T4 | 1 |  |  |  |
|  | Trane | w/ Drive Fusing \& Main Disconnect |  |  | \$4,120.00 | 50\% | \$2,060.00 |
| TR200P5KST4 |  | Drive with Electro-Mechanical Bypass, 460v,7.54P- Enclosure: NEMA 3R- | TR200P5K5T4 | 1 |  |  |  |
|  | Trane | w/ Main Fusing \& Disconnect |  |  | \$4,195.00 | 50\% | \$2,097.50 |
| TR200P7K5T4 |  | Drive with Electro-Mechanical Bypass, 460v,10HP- Enclosure: NEMA 3 R - w/ | TR200P7K5T4 | 1 |  |  |  |
|  | Trane | Drive Fusing \& Main Disconnect |  |  | \$4,410.00 | 50\% | \$2,205.00 |
| TR200P7K5T4 |  | Drive with Electro-Mechanical Bypass, $460 \mathrm{v}, 10 \mathrm{HP}$ - Enclosure: NEMA 3 R - w/ | TR200P7K5T4 | 1 |  |  |  |
|  | Trane | Main Fusing \& Disconnect |  |  | \$4,485.00 | 50\% | \$2,242.50 |
| TR200P11KT4 |  | Drive with Electro-Mechanical Bypass, $460 \mathrm{v}, 15 \mathrm{HP}$ - Enclosure: NEMA 3 R - w/ | TR200P11kT4 | 1 |  |  |  |
|  | Trane | Drive Fusing \& Main Disconnect |  |  | \$5,165.00 | 50\% | \$2,582.50 |
| TR200P11KT4 |  | Drive with Electro-Mechanical Bypass, $460 \mathrm{v}, 15 \mathrm{HP}$ - Enclosure: NEMA 3R-w/ | TR200P11KT4 | 1 |  |  |  |
|  | Trane | Main Fusing \& Disconnect |  |  | \$5,240.00 | 50\% | \$2,620.00 |
| TR200P15kT4 | Trane | Drive Fusing \& Main Disconnect | TR200P15kT4 |  | \$5,984.00 | 50\% | \$2,992.0 |

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B. To identify an individual(s)' location in the event of a fire or emergency.

| notal Number |  | Fortact Desaripition | Product Cose | "Warranty Period - \# of year(s) after acceptance as required by Appendix B | Lst Price | \% Discount | NVS Nel Prica |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| TR200P15KT4 |  | Drive with Electro-Mechanical Bypass, 460v,20HP- Enclosure: NEMA 3R - w/ | TR200P15KT4 | 1 |  |  | NYS Nat Price |
|  | Trane | Main Fusing \& Disconnect |  |  | \$6,060.00 | 50\% | \$3,030.00 |
| TR200P18KT4 |  | Drive with Electro-Mechanical Bypass, $460 \mathrm{v}, 25 \mathrm{HP}$ - Enclosure: NEMA 3 R - $\mathrm{w} /$ | TR200P18KT4 | 1 |  |  |  |
|  | Trane | Drive Fusing \& Main Disconnect |  |  | \$7,021.00 | 50\% | ,510.50 |
| TR200P18KT4 |  | Drive with Electro-Mechanical Bypass, 460v,25HP- Enclosure: NEMA 3R - w/ | TR200P18KT4 | 1 |  |  |  |
|  | Trane | Main Fusing \& Disconnect |  |  | \$7,096.00 | 50\% | \$3,548 |
| TR200P22KT4 |  | Drive with Electro-Mechanical Bypass, $460 \mathrm{v}, 30 \mathrm{HP}$ - Enclosure: NEMA 3 R - $\mathrm{w} /$ | TR200P22KT4 | 1 |  |  |  |
|  | Trane | Drive Fusing \& Main Disconnect |  |  | \$7,818.00 | 50\% | \$3,909.0 |
| TR200P22KT4 |  | Drive with Electro-Mechanical Bypass, $460 \mathrm{v}, 30 \mathrm{HP}$ - Enclosure: NEMA 3 R - $\mathrm{w} /$ | TR200P22KT4 | 1 |  |  |  |
|  | Trane | Main Fusing \& Disconnect |  |  | \$7,909.00 | 50\% | \$3,954.5 |
| TR200P30KT4 |  | Drive with Electro-Mechanical Bypass, 460v,40HP- Enclosure: NEMA 3R-w/ | тR200P30кт4 | 1 |  |  |  |
|  | Trane | Drive Fusing \& Main Disconnect |  |  | \$8,896.00 | 50\% | \$4,448.00 |
| тR200Р3окт4 |  | Drive with Electro-Mechanical Bypass, 460v,40HP- Enclosure: NEMA $3 R$ - w/ | TR200p30кт4 | 1 |  |  |  |
|  | Trane | Main Fusing \& Disconnect |  |  | \$9,001.00 | 50\% | , 00.50 |
| TR200P37\%T4 |  | Drive with Electro-Mechanical Bypass, 460v,50HP- Enclosure: NEMA 3 - - w/ | TR200P37\%T4 | 1 |  |  |  |
|  | Trane | Drive Fusing \& Main Disconnect |  |  | \$11,297.00 | 50\% | \$5,648.5 |
| TR200P37\%T4 |  | Drive with Electro-Mechanical Bypass, 460v,50HP- Enclosure: NEMA 3R - w/ | TR200P37KT4 | 1 |  |  |  |
|  | Trane | Main Fusing \& Disconnect |  |  | \$11,402.00 | 50\% | \$5,701.0 |
| TR200P456T4 |  | Drive with Electro-Mechanical Bypass, $460 \mathrm{v}, 60 \mathrm{HP}$ - Enclosure: NEMA 3 R - w/ | TR200P45KT4 | 1 |  |  |  |
|  | Trane | Drive Fusing \& Main Disconnect |  |  | \$13,194.00 | 50\% | \$6,597 |
| TR200Р45кт4 |  | Drive with Electro-Mechanical Bypass, $460 \mathrm{v}, 60 \mathrm{HP}$ - Enclosure: NEMA $3 R$ - $\mathrm{w} /$ | TR200P45KT4 | 1 |  |  |  |
|  | Trane | Main Fusing \& Disconnect |  |  | \$13,299.00 | 50\% | \$6,649.50 |
| TR200p55kT4 |  | Drive with Electro-Mechanical Bypass, $460 \mathrm{v}, 75 \mathrm{HP}$ - Enclosure: NEMA 3 R - $\mathrm{w} /$ | TR200P55KT4 | 1 |  |  |  |
|  | Trane | Drive Fusing \& Main Disconnect |  |  | \$14,763.00 | 50\% | \$7,381.50 |
| TR200p55kT4 |  | Drive with Electro-Mechanical Bypass, 460v,75HP- Enclosure: NEMA 3R - w/ | TR200P55KT4 | 1 |  |  |  |
|  | Trane | Main Fusing \& Disconnect |  |  | \$14,940.00 | 50\% | \$7,470.00 |
| TR200P1K1T6 |  | Drive with Electro-Mechanical Bypass, 600/690v, 1.5HP- Enclosure: NEMA | TR200P1K1T6 | 1 |  |  |  |
|  | Trane | $3 \mathrm{R}-\mathrm{w} /$ Drive Fusing \& Main Disconnect |  |  | \$3,830.00 | 50\% | \$1,915.0 |
| TR200P1K1T6 |  | Drive with Electro-Mechanical Bypass, 600/690v,1.5HP- Enclosure: NEMA | TR200P1K1T6 | 1 |  |  |  |
|  | Trane | 3R-w/ Main Fusing \& Disconnect |  |  | \$3,895.00 | 50\% | \$1,947.50 |
| TR200P1K5T6 |  | Drive with Electro-Mechanical Bypass, $600 / 6900$, 2 HP- Enclosure: NEMA 3 - | TR200P1K5T6 | 1 |  |  |  |
|  | Trane | w/ Drive Fusing \& Main Disconnect |  |  | \$4,080.00 | 50\% | \$2,040 |
| TR200P1K5T6 |  | Drive with Electro-Mechanical Bypass, $600 / 690 \mathrm{v}, 2 \mathrm{HP}$ - Enclosure: NEMA 3 R - | TR200P1K5T6 | 1 |  |  |  |
|  | Trane | w/ Main Fusing \& Disconnect |  |  | \$4,145.00 | 50\% | \$2,072 |
| TR200P2K2T6 |  | Drive with Electro-Mechanical Bypass, $600 / 690 \mathrm{v}, 3 \mathrm{HP}$ - Enclosure: NEMA 3 - | TR200P2K2T6 | 1 |  |  |  |
|  | Trane | w/ Drive Fusing \& Main Disconnect |  |  | \$4,080.00 | 50\% | \$2,040.00 |
| TR200P2K2T6 |  | Drive with Electro-Mechanical Bypass, $600 / 6900,3 H P$ - Enclosure: NEMA $3 R$ - | TR200P2K2T6 | 1 |  |  |  |
|  | Trane | w/ Main Fusing \& Disconnect |  |  | \$4,145.00 | 50\% | \$2,072.50 |
| TR200Р4K0т6 |  | Drive with Electro-Mechanical Bypass, $600 / 6900$ v,5HP- Enclosure: NEMA 3 - | TR200P4K0т6 | 1 |  |  |  |
|  | Trane | w/ Drive Fusing \& Main Disconnect |  |  | \$4,230.00 | 50\% | \$2,115.00 |
| TR200P4K0T6 |  | Drive with Electro-Mechanical Bypass , 600/6900,5HP-Enclosure: NEMA 3 R - | TR200P4K0т6 | 1 |  |  |  |
| TR200P5K5T6 | Trane |  | TR200P5K5T6 | 1 | \$4,295.00 | 50\% |  |
|  | Trane | $3 \mathrm{R}-\mathrm{w} /$ Drive Fusing \& Main Disconnect |  |  | \$4,440.00 | 50\% | \$2,220.00 |
| TR200P5K5T6 |  | Drive with Electro-Mechanical Bypass, 600/6900,7.5HP- Enclosure: NEMA | TR200P5K5T6 | 1 |  |  |  |
|  | Trane | 3R-w/ Main Fusing \& Disconnect |  |  | \$4,515.00 | 50\% | \$2,257. |
| TR200P7K5T6 |  | Drive with Electro-Mechanical Bypass, $600 / 690 \mathrm{v}, 10 \mathrm{HP}$ - Enclosure: NEMA 3 R | TR200P7K5T6 | 1 |  |  |  |
|  | Trane | -w/ Drive Fusing \& Main Disconnect |  |  | \$4,770.00 | 50\% | \$2,385.00 |
| TR200p7K5T6 |  | Drive with Electro-Mechanical Bypass, $600 / 690 \mathrm{v}, 10 \mathrm{HP}$ - Enclosure: NEMA 3 R | TR200P7K5T6 | 1 |  |  |  |
|  | Trane | - w/ Main Fusing \& Disconnect |  |  | \$4,845.00 | 50\% | \$2,422.50 |
| TR200P11Kт6 |  | Drive with Electro-Mechanical Bypass, $600 / 6900,15 \mathrm{HP}$ - Enclosure: NEMA 3 R | TR200P11KT6 | 1 |  |  |  |
|  | Trane | - w/ Drive Fusing \& Main Disconnect |  |  | \$5,615.00 | 50\% | \$2,807.50 |
| TR200P11кт6 |  | Drive with Electro-Mechanical Bypass, $600 / 6900,15 \mathrm{HP}$ - Enclosure: NEMA 3 R | TR200P11KT6 | 1 |  |  |  |
|  | Trane | -w/ Main Fusing \& Disconnect |  |  | \$5,690.00 | 50\% | , 345.0 |
| TR200P15kT6 |  | Drive with Electro-Mechanical Bypass, $600 / 6900$ v,20HP- Enclosure: NEMA 3 R | TR200P15kT6 | 1 |  |  |  |
|  | Trane | - w/ Drive Fusing \& Main Disconnect |  |  | \$6,882.00 | 50\% | \$3,441.00 |
| TR200P15kT6 |  | Drive with Electro-Mechanical Bypass, $600 / 690 \mathrm{~V}, 20 \mathrm{HP}$ - Enclosure: NEMA 3 R | TR200P15KT6 | 1 |  |  |  |
|  | Trane | - w/ Main Fusing \& Disconnect |  |  | \$6,957.00 | 50\% | \$3,478.5 |
| TR200P18\%T6 |  | Drive with Electro-Mechanical Bypass, $600 / 690 \mathrm{~V}, 25 \mathrm{HP}$ - Enclosure: NEMA 3 R | TR200P18KT6 | 1 |  |  |  |
| TR200P18KT6 | Trane |  | TR200P18KT6 | 1 | \$8,074.00 | 50\% | \$4, |
|  | Trane | -w/ Main Fusing \& Disconnect |  |  | \$8,150.00 | 50\% | \$4,075.0 |
| TR200P22kT6 |  | Drive with Electro-Mechanical Bypass, $600 / 6900,30 \mathrm{HP}$ - Enclosure: NEMA 3 R | TR200P22KT6 | 1 |  |  |  |
|  | Trane | - w/ Drive Fusing \& Main Disconnect |  |  | \$8,990.00 | 50\% | \$4,495. |
| TR200P22Kт6 |  | Drive with Electro-Mechanical Bypass, $600 / 690 \mathrm{~V}, 30 \mathrm{HP}$ - Enclosure: NEMA 3 R | TR200P22KT6 | 1 |  |  |  |
|  | Trane | -w/ Main Fusing \& Disconnect |  |  | \$9,082.00 | 50\% | \$4,541.0 |
| тR200Р3окт6 |  | Drive with Electro-Mechanical Bypass, $600 / 690 \mathrm{~V}, 40 \mathrm{HP}$ - Enclosure: NEMA 3 R | TR200p30кт6 | 1 |  |  |  |
|  | Trane | -w/ Drive Fusing \& Main Disconnect |  |  | \$10,231.00 | 50\% | \$5,115. |
| TR200p30кт6 |  | Drive with Electro-Mechanical Bypass, $600 / 690 \mathrm{v}, 40 \mathrm{HP}$ - Enclosure: NEMA 3 R | тR200Р30кт6 | 1 |  |  |  |
|  | Trane | -w/ Main Fusing \& Disconnect |  |  | \$10,336.00 | 50\% | \$5,16 |
| TR200P37kT6 |  | Drive with Electro-Mechanical Bypass, $600 / 6900,50 \mathrm{HP}$ - Enclosure: NEMA 3 R | TR200P37KT6 | 1 |  |  |  |
|  | Trane | - w/ Drive Fusing \& Main Disconnect |  |  | \$12,991.00 | 50\% | \$6,495. |
| TR200P37kT6 |  | Drive with Electro-Mechanical Bypass, $600 / 6900$ v,50HP- Enclosure: NEMA 3 R | TR200P37KT6 | 1 |  |  |  |
|  | Trane | -w/ Main Fusing \& Disconnect |  |  | \$13,096.00 | 50\% | \$6, |
| TR200P45kT6 |  | Drive with Electro-Mechanical Bypass, $600 / 690 \mathrm{v}, 6 \mathrm{OHP}$ - Enclosure: NEMA 3 R - w/ Drive Fusing \& Main Disconnect | TR200P45KT6 | 1 |  |  |  |
| TR200P45kT6 | Trane | - w/ Drive Fusing \& Main Disconnect Drive with Electro-Mechanical Bypass, $600 / 690 v, 60$ HP- Enclosure: NEMA 3R | TR200P45KT6 | 1 | \$15,174.00 | 50\% | \$7,587 |
|  | Trane | - w/ Main Fusing \& Disconnect |  |  | \$15,279.00 | 50\% | \$7,639.5 |
| TR200p55kT6 |  | Drive with Electro-Mechanical Bypass, $600 / 6900,75 H P-$ Enclosure: NEMA 3 R | TR200P55kT6 | 1 |  |  |  |
|  | Trane | - w/ Drive Fusing \& Main Disconnect |  |  | \$16,977.00 | 50\% | \$8,488.50 |
| TR200p55kt6 |  | Drive with Electro-Mechanical Bypass, $600 / 6900,75 \mathrm{HP}$ - Enclosure: NEMA 3 R | TR200P55KT6 | 1 |  |  |  |
|  | Trane | - w/ Main Fusing \& Disconnect |  |  | \$17,154.00 | 50\% | \$8,57 |

Upon request of the contracting agency or their representative, this line
item will oot be invoiced unless there is a field alteration deemed necessary changes ane to be be priced from this statie contract at or or below the "not to exceed" NYS Net Pricing/Total Hourly Rate" and must be approved by the owner. Any unused funds will not be billed. Field alteration requests are to be documented and provided at time of invoicing. Any field alteration
amount exceeding this will require additional approval and funding by the
owner and another price quote from Trane. This line item cannot be used
when Trane/its subcontractors provide all design services (professional
architectural/engineering including, but not limited
preparing/certitying/stamping of plans and specifications, code compliance,

The scope of this contract includes the following:
Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated icroprocessor-Controled HVAC Equipment in a building or faciiity. Buiding Management Systems and Bur Aing Contron Systems are also subcategories of Buiding Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mouted Inctedl Factory
 commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, etc.) to communicat.
platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 , b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
of Integrated Microprocessor-Based HVAC Equipmen

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxia \& fiber optic), wire, condwit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. Genim Purpsse 1 , Telecommumications, Networking Cabing, Hber Opics (e.g. phone, pbx, digital centrex, digital key systems, television, cabre, Line, general broadband,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

|  | Tanticaturer Proctuct Desciriplion |  |  | $\begin{gathered} \text { "Warranty Period - \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause 54" } \end{gathered}$ | - | \% Discome | Nrs Net Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |
| B2100VB-024+NFBUP-X1 B2100VB-024+NFX24-MFT95-X1 | Belimo |  | B2100VB-024+NFEUP-X1 | 1 | \$2,337.00 | 58\% | \$981.54 |
|  | Belimo | 2.way V Bal, MPT, Hardened Chrome Plated Bal 1", Cr 24 with Sping Reeum,90 in-t, MEFT,24V | B2100VB-024NFX24MFT95.x1 | 1 | \$2,504.00 | 58\% | \$1,051.68 |
| B2100VB-024+NFX24-MFT-S-X1 | Belimo | 2.way V Ball, PPT, Hardened Chrome Plated Ball 1 ", Cr 24 w with Sping Retur, 90 inlt, MFF, ,24V |  | 1 | \$2,578.00 | 58\% | \$1,082.76 |
|  | Belimo |  | B2100VE-024NFF24.MFT-X1 | 1 | \$2,481.00 | 58\% | \$1,042.02 |
|  | Belimo |  | 32100ve-024+5Y1-110 | 1 | \$2,758.00 | 58\% | \$1,158.36 |
| B2100VE-244SY1-110P | Belimo |  | 82100Ve-024.5Y1-110P | 1 | \$4,853.00 | 58\% | \$2,038.26 |
| B2100VB-024+SY1-220 <br> B2100VB-024+SY1-220P | Belimo |  | B2100ve 024 SY 1 -220 | 1 | \$2,758.00 | 58\% | \$1,158.36 |
|  | Belimo |  | 82100VE.024.5Y1-220P | 1 | \$4,853.00 | 58\% | \$2,038.26 |
| B2100VB-024+SY1-24 <br> B2100VB-024+SY1-24P | Belimo |  | B2100ve.024/SYY-24 | 1 | \$2,758.00 | 58\% | \$1,158.36 |
|  | Belimo |  | B2100ve.024-SY1-24P | 1 | \$4,853.00 | 58\% | \$2,038.26 |
| B2100ve-024+SY2-110 | Belimo |  | B2100VB.024+5Y2-110 | 1 | \$4,095.00 | 58\% | \$1,719.90 |
| B2100VB-024+SY2-120MFT <br> B2100VB-024+SY2-220 | Belimo |  | B2100VE-024+SY2-120MFT | 1 | \$6,392.00 | 58\% | \$2,684.64 |
|  | Belimo |  | 82100v8.024+SY2-220 | 1 | \$2,993.00 | 58\% | \$1,257.06 |
| B2100VB-024+SY2-230MFT B2100VB-024+SY2-24 | Belimo |  | 82100VB.024+SY2.230MFT | 1 | \$6,392.00 | 58\% | \$2,684.64 |
|  | Belim |  | 82100v.024+SY2.24 | 1 | \$4,095.00 | 58\% | \$1,719.90 |
| B2100VB-024+SY2-24MFT <br> B2150VB-055+AMB24-3-X1 | Belimo |  | B2200VE.024+SY2.24MET | 1 | \$6,392.00 | 58\% | \$2,684.64 |
|  | Belimo |  | 22150VB.055+AMB224.3.1 | 1 | \$2,604.00 | 58\% | \$1,093.68 |
| B2150VB-055+AMX24-MFT-X1 <br> B2150VB-055+NFB24-X1 | Belimo |  | B2150VE-055+AMX24-MFT-X1 | 1 | \$2,790.00 | 58\% | \$1,171.80 |
|  | Belimo |  | B2150VE-055+NF824. ${ }^{\text {¢ }}$ | 1 | \$2,676.00 | 58\% | \$1,123.92 |
| B2150VB-055+NFBUP-S-X1 B2150VB-055+NFBUP-X1 | Belimo |  | B2150VE.055 +NEEUP-S. X 1 | 1 | \$2,827.00 | 58\% | \$1,187.34 |
|  | Belimo |  | B2150VE.055 +NEbuP-x1 | 1 | \$2,730.00 | 58\% | \$1,146.60 |
| B2150VB-055+NFX24-MFT-S-X1 | Belimo |  | B2150VB-055+NFX24.MFT.S.x1 | 1 | \$2,970.00 | 58\% | \$1,247.40 |
| B2150VB-055+NFX24-MFT-X1 B2150VB-055+SY1-110 | Belimo |  | 32150VE.055+NFK24.MFT-X1 | 1 | \$2,873.00 | 58\% | \$1,206.66 |
|  | Belimo |  | Sove.055+SYY-110 | 1 | \$3,151.00 | 58\% | \$1,323.42 |
| B2150VB-055+SY1-110P B2150VB-055+SY1-220 | Belimo |  | 32150VE.055+SY-1110P | 1 | \$5,246.00 | 58\% | \$2,203.32 |
|  | Belimo |  | B2150VE-055+SY1-220 | 1 | \$3,151.00 | 58\% | \$1,323.42 |
| B2150VB-055+SY1-220P <br> B2150VB-055+SY1-24 | Belimo |  | ${ }^{\text {B2 } 150 \mathrm{VE} \text {-.055 }+ \text { SY-1220P }}$ | 1 | \$5,246.00 | 58\% | \$2,203.32 |
|  | Belimo |  | 82150VE-055+SY1-24 | 1 | \$3,151.00 | 58\% | \$1,323.42 |
| B2150VB-055+SY1-24P | Belimo |  | B2150ve. $055+$ SYY1-24P | 1 | \$5,246.00 | 58\% | \$2,203.32 |
| B2150VB-055+SY2-110 <br> B2150VB-055+SY2-120MFT | Belimo |  |  | 1 | \$4,488.00 | 58\% | \$1,884.96 |
|  | Belimo |  | 82150VE.055+SY2-120MFT | 1 | \$6,785.00 | 58\% | \$2,849.70 |
| B2150VB-055+SY2-220 <br> B2150VB-055+SY2-230MFT | Belimo |  | 821 50ve-055+52\%-220 | 1 | \$4,488.00 | 58\% | \$1,884.96 |
|  | Belimo |  | 82150VE-055+SY2-230MFT | 1 | \$6,785.00 | 58\% | \$2,849.70 |
| B2150VB-055+SY2-24 <br> B2150VB-055+SY2-24MFT | Belimo |  | 82150VE-055+SY2.24 | 1 | \$4,488.00 | 58\% | \$1,884.96 |
|  | Belimo |  | B22 150V-055-SY2-24MET | 1 | \$6,785.00 | 58\% | \$2,849.70 |
| B2200VB-077+AFB24-X1 <br> B2200VB-077+AFBUP-S-X1 | Belimo |  | B2200ve.077 AAF824×1 | 1 | \$2,906.00 | 58\% | \$1,220.52 |
|  | Belimo |  |  | 1 | \$3,059.00 | 58\% | \$1,284.78 |
| B82200VB-077+AFX ${ }^{\text {B24-4MFT95-X1 }}$ | Belimo |  | B2200V8.077 AFEUP-x1 | 1 | \$2,963.00 | 58\% | \$1,244.46 |
|  | elim |  | 82000V-077+AFX24MFTT95.x1 | 1 | \$3,109.00 | 58\% | \$1,305.78 |
|  |  |  | B2200VB-077+AF×24-MFT-S $\times 1$ | 1 | \$3,182.00 | 58\% | \$1,336.44 |
| B2200VB-077+AFX24-MFT-X1 B2200VB-077+AMB24-3-X1 | Belimo |  |  | 1 | \$3,087.00 | 58\% | \$1,296.54 |
|  | Belimo |  | B2200V-077+AMB24.3. $\times 1$ | 1 | \$2,754.00 | 58\% | \$1,156.68 |
| B2200VB-077+AMX24-MFT-X1 <br> B2200VB-077+SY1-110 | Belimo |  | B2200VB-077+AMX24-MF--x1 | 1 | \$2,939.00 | 58\% | \$1,234.38 |
|  | Belimo |  | B2200ve-077+SY1-110 | 1 | \$3,301.00 | 58\% | \$1,386.42 |
| B2200VE-077+SY1-110P | Belimo |  | 82200VE.077-SY1-110P | 1 | \$5,396.00 | 58\% | \$2,266.32 |
| B2200vE-077+SY1-220 | Belimo |  | B2200ve-077 +5Y-220 | 1 | \$3,301.00 | 58\% | \$1,386.42 |
|  | Belimo |  | 82200ve.077-SY1-220P | 1 | \$5,396.00 | 58\% | \$2,266.32 |
| B2200v8-077-SY1-24 | Belimo |  | B2200v-077+SY1-24 | 1 | \$3,301.00 | 58\% | \$1,386.42 |
| B2200VB-077+SY1-24P | Belimo |  | B2200ve.077+SY1-24P | 1 | \$5,396.00 | 58\% | \$2,266.32 |
|  | Belimo | 2.way V Ball, NPT, Hardened Chrome Pratad Ball 2 2. Cu7 7 7 with Non.Sping Reuum, 801 in-lb | B2200v-077+SY2-110 | 1 | \$4,637.00 | 58\% | \$1,947.54 |
| B2200v-077+SY2-120MFT | , |  | B2200VE-077+SY2-120MFT | 1 | \$6,935.00 | 58\% | \$2,912.70 |
| ${ }^{\text {B2200VB-077+SY2-220 }}$ | Bermo |  | B2200ve.077+5Y2.220 | 1 | \$4,637.00 | 58\% | \$1,947.54 |
|  | вe |  | B2200ve-077+SY2-230MFT | 1 | \$6,935.00 | 58\% | \$2,912.70 |
| B2200VB-077+SY2-24 <br> B2200VB-077+SY2-24MFT |  |  | 82200ve.077-SY2.24 | 1 | \$4,637.00 | 58\% | \$1,947.54 |
|  |  |  | B2200v8-077-SY2.24MET | 1 | \$6,935.00 | 58\% | \$2,912.70 |
| B6300VE-207+2'AFB24×1 | - |  | B6300VB-207+2APF824.41 | 1 | \$4,921.00 | 58\% | \$2,066.82 |
| B6300VB-207+2*AFBUP-S-X1 |  |  | 86300VE-207+2-AFBUP-S. $\times 1$ | 1 | \$5,126.00 | 58\% | \$2,152.92 |
|  | Bell |  | 86300VB-207+2'AFBUP-x1 | 1 | \$5,036.00 | 58\% | \$2,115.12 |
|  |  |  | B6300VB-207+2'AFF24.MF-T95.x1 | 1 | \$5,306.00 | 58\% | \$2,228.52 |
| B6300VB-207+2PAF×24-MFT-S. $\times 1$ |  |  | B6300VE-207+2APF2.24MF-T. $\times 1$ | 1 | \$5,473.00 | 58\% | \$2,298.66 |
| B6300VB-207+2*AFX24-MFT-X1 6300VB-207+AMB24-3-X1 |  |  |  | 1 | \$5,284.00 | 58\% | \$2,219.28 |
|  |  |  | B6300VB-207+AMB24.3. $\times 1$ | 1 | \$4,286.00 | 58\% | \$1,800.12 |
| B6300VB-207+AMX24-MFT-X1 | Belimo | 2.way V Bal, Flanged, Hardened Chrome Plateot bial | B6300VB-207-AMX24MFT-X1 | 1 | \$4,472.00 | 58\% | \$1,878.22 |
|  |  |  |  | 1 | \$5,945.00 | 58\% | \$2,496.90 |
| B6300VB-207+GKX24-MFT-X1 |  |  | 6300VE-207+SY-110 | 1 | \$4,833.00 | 58\% | \$2,029.86 |
| 86300VB-207-SY1-110 |  |  | 86300VB-207+SYY-110P | 1 | \$5,396.00 | 58\% | \$2,266.32 |
| B630008-207+SY1-220 |  |  | 86300VE-207-SY1-220 | 1 | \$4,83.00 | 58\% | \$2,029.86 |
| B6300V--207+5Y1-220P B63000V-207-SY1-24 B6300VB-207+SY-1-24P |  |  | B6300VE-207+SY1-220P | 1 | \$5,396.00 | 58\% | \$2,266.32 |
|  |  |  | B6300VE-207+SY1-24 | 1 | \$4,833.00 | 58\% | \$2,029.86 |
|  | Belimo |  | 86300ve-207-SY1-24P | 1 | \$5,396.00 | 58\% | \$2,266.32 |

The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated

3. Integrated Microprocessor-Controlled HVAC Eq思

Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and , commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
cration, , Ininte Int Integrated Microprocesor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxia \& fiber optic), wire, condwit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpse 1 , Telecommumicaions, Networking Cabing, Hber Opics (e.g. phone, pbx, digital centrex, digital key systems, television, cable, -Line, general broadband,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Model Number |  | tion | ct Code | "Warranty Period - \# of year(s) after |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Lst Price | \% Discoumt | NYS Nat Pritee |
| B6300VE-207+SY2-110 | Belimo | 2-way V Ball, Flanged, Hardened Chrome Plated Ball 3", Cv 207 with Non-Spring Return, 801 in-lb ,On/Off,120V,NEMA 4 X | 6300ve.207+SY2-110 | 1 | \$6,170.00 | 58\% | \$2,591.40 |
| B6300VE-207+5Y-120MFT | Belimo |  | B6300VB-207+SY-120MFT | 1 | \$8,467.00 | 58\% | \$3,556.14 |
| 300ve-207-SY2-220 | Belimo |  | Oove-207-SY2-220 | 1 | \$6,170.00 | 58\% | \$2,591.40 |
| B6300VE-207+SV2-230NFT | Belimo |  | B6300VE-207+SV2-230MFT | 1 | \$8,467.00 | 5\% | \$3,556.14 |
| B6300v-207+SY2-24 | Belimo |  | 86300v-207+5Y2-24 | 1 | \$6,170.00 | 58\% | \$2,591.40 |
| B6300VE-207+SYY2-24MET | Belimo |  | B6300VB-2077-SY2-24MET | 1 | \$8,467.00 | 58\% | \$3,556.1 |
| B6400VE-350+Gk8224.3.1 | Belimo |  | B6400VE-350+GKk224.3. $\mathbf{1}^{1}$ | 1 | \$6,024.00 | 58\% | \$2,530.08 |
| B6400VE-350+GK<24-MF-->1 | Belimo | 2 -way V Ball, Flanged Carbon Steel, Hardened Chrome Praied Bal 4 4, Cr 350 with Electronic Fall | B6400VE-350+GK<24-MF- $\times 1$ | 1 | \$6,242.00 | 58\% | \$2,621.64 |
| B6400VE.350+GMB24.3. $\times 1$ | Beli |  | B6400VE-350+GMB243.31 | 1 | \$6,024.00 | 58\% | \$2,530.08 |
| B6400VE-350+GMX24.MF-TX1 | Belimo |  |  | 1 | \$6,242.00 | 58\% | \$2,621.64 |
| 86400Ve-350+5V2-110 | Belimo |  | B6400Ve-350-SV2-110 | 1 | \$7,770.00 | 58\% | \$3,263.40 |
| B6400VE.350+SV-120NFT | Belimo |  | B6400Ve-350+SV2-120MFT | 1 | 0,068.00 | 58\% | \$4,228.56 |
| S6400VE.350+SY2-220 | Beli |  | 86600ve.350.sY2-220 | 1 | \$7,770.00 | 58\% | \$3,263.40 |
| B6400VE.350+SY2-230NFT | Belim |  | B6400VE-350+SY2-230MFT | 1 | \$10,068.00 | 58\% | \$4,228.56 |
| B6400VB-350+5V2-24 | Beim | 2.way V Ball, Fanged Catoon Steel Hardened Chrome Palaed Ball 4 " Cr 350 with Non-Sping | 86400VB-350+5Y2.24 | 1 | \$7,770.00 | 58\% | \$3,263.40 |
| 864000V-350+SY2-24M-T |  | 2.way V Ball, Fanged Catoon Steel, Hardened Chrome Palaed Ball 4 ", Cr 350 with Non-Sping | 86400V-350-SY2-24M-T | 1 | \$10,068.00 | 58\% | \$4,228.56 |
| Soove-507-SY2.110 | Belin |  | 57+SY2-110 | 1 | \$9,865.00 | 58\% | \$4,143.30 |
| 86600VE-507+SY-120NFT | Belmo |  | 86600ve.507+5Y2-120MFT | 1 | \$12,163.00 | 58\% | \$5,108.46 |
| 86600ve.507.582-220 | Bel | 2.way V Ball, Fanged Catbon Steel Hardened Chrome Prated Ball 6 6, CV 507 with Non-Sping | B6600v-507+5Y2-220 | 1 | 99,865.00 | 58\% | \$4,143.30 |
| 86600VE-507+SV2-230NFT | Belmo |  | 86600VE.507+SY2-230MFT | 1 | \$12,163.00 | 58\% | \$5,108.4 |
| B6600VB-507-SY2.24 | Beimo | 2.way V Ball, Flanged Carbon Steel, Hadened Chrome P Paled Ball 6 ¢, Cv 507 with Non-Spoing | 86600ve-577-SY2.24 | 1 | \$9,865.00 | 58\% | \$4,143.30 |
| B6600ve.507+SY2-24MET |  |  | B6600ve.507+SY2-24MET | 1 | \$12,163.00 | 58\% | \$5,108.46 |
| ${ }^{\text {B2050VVSO1+LF120 US }}$ | ${ }_{\text {Belimo }}$ |  | 32050VS $01+$ L-F120 US | 1 | \$642.00 | 58\% | \$269.64 |
| B2050Vs.01+LFF20.S US | Belimo |  | B2050VS-01+LFI20.S US | 1 | \$704.00 | 58\% | \$295.68 |
| B2050VS $01+$ LLF24 US | Belimo |  | B2050VS $01+$ LLF24 US | 1 | \$604.00 | 58\% | \$253.68 |
| B2250VS $01+$ LF24Met US | Belimo | 1/2", 2.Way, Brass Body, SS Tim, Cuv with Sping, 35in-b, MFT, 24V | B2250VS-01+LE24.Met US | 1 | \$842.00 | 58\% | \$353.64 |
| B2050VS.01+LF24-MFT-S US | Belimo |  | B2050VS $01+$ L-L24-MFT-S US | 1 | \$902.00 | 58\% | \$378.84 |
| B2050VS $01+$ L-2 2 -S US | Belimo |  | B2050VS-14t-L24-S US | 1 | \$664.00 | 58\% | \$278.88 |
| B2250VS $01+$ +LME324.3. ${ }^{\text {1 }}$ | Belimo |  | B2050VS-01+LME24.3. $\times 1$ | 1 | \$558.00 | 58\% | \$234.36 |
| B2050Vs-01+LMx24.3.x1 |  |  | B2050VS $01+$ +LMx24.3.x1 | 1 | \$558.00 | 58\% | \$234.36 |
| B2050Vs-01+LMx24MF- $\times 1$ | Belimo |  | B2050Vs-01+LMX24.MTT-×1 | 1 | \$761.00 | 58\% | \$319.62 |
| B2250VS $01+$ SYY-110 | Belimo |  | B2050VS-01+SY1-110 | 1 | \$1,327.00 | 58\% | \$557.34 |
| B2050VS $01+$ SYY-110p |  |  | B2050VS-01+SYY-110P | 1 | \$3,448.00 | 58\% | \$1,448.16 |
| B2050Vs-01+SY-220 | Belm |  | B2050vs-01+SY-220 | 1 | \$1,363.00 | 58\% | \$572.46 |
| B2050vS.01+SY1-220p | ве1 |  | 82050VS-01+SY1-220P | 1 | \$3,486.00 | 58\% | \$1,464.12 |
| B2050Vs-01+5Y1-24 | Beilimo |  | B2050VS-01+5Y1-24 | 1 | \$132700 | 58\% | \$557.34 |
| msusprer | Belimo |  |  |  |  |  |  |
| B2050VS-01+5Y1-24P | elimo |  | B2050Vs-01+SY1-24P | 1 | \$3,448.00 | 58\% | \$1,448.16 |
| B2050VS-02+LFI20 US | Belimo | 1/2; 2.Way, Brass Bay, SS Tim, Cv2 with Sping, 35inlb, Onolit, 120V | B2050V. $02+$ LFi20 US | 1 | \$642.00 | 58\% | \$269.64 |
| B2050Vs.02t-F120.S US | Belimo |  | B2050Vs-024LFI20.S US | 1 | \$704.00 | 58\% | \$295.68 |
| B2050VS $02+$ L-F24 US | Belimo |  | ${ }^{\text {B2050VS }} \mathbf{0 2 + L E F 2 4 ~ U S}$ | 1 | \$604.00 | 58\% | \$253.68 |
| B2050VS $02+$ L-F24MFT US | Belimo |  | B2050vS 02 2+LE24.MFT US | 1 | \$842.00 | 58\% | \$353.64 |
| B2050VS.024LE24-MFT.S US | Belimo | $112 \%$ 2. 2-Way, Brass Body, SS Tim, CV2 with Sping, 35in-lb, MFT, 24V, SW | B2050VS-024LEF24-MFT-S US | 1 | \$902.00 | 58\% | \$378.84 |
| ${ }^{\text {B20500S }}$ O2t+L24.S US | Belimo |  | B2050Vs $02+$ L-24.S US | 1 | \$664.00 | 58\% | \$278.88 |
| B2050VS $-22+$ +MB324.3.1 | Belimo |  | B2050VS $022+$ LM 1 24-3.31 | 1 | \$558.00 | 58\% | \$234.36 |
| B2050Vs.02+LMx24.3.1 |  |  | B2050VS $02+$ LLMX24.3.1 | 1 | \$558.00 | 58\% | \$234.36 |
| B205VVS.22+LMX24.MFT-X1 | Belimo Belimo | 1/2, 2.Way, Brass Bay, SS Tim, Cu2 with Non-Spring Retur,45 int, MFF, ,24V | B2050Vs-02+LMx24.MF-.x1 | 1 | \$761.00 | 58\% | \$319.62 |
| B2050Vs-02+SYY-110 |  |  | B2050Vs-02+SY1-110 | 1 | \$1,327.00 | 58\% | \$557.34 |
| B2050vs. 2 2SYY-110p | Belmo |  | 32050Vs.02+SY1-110P | 1 | \$3,448.00 | 58\% | \$1,448.16 |
| B2050Vs-02+SSY-220 | Belimo |  | B2050Vs-.22+SY1-220 | 1 | \$1,327.00 | 58\% | \$557.34 |
|  | Belimo |  |  |  |  |  |  |
| B2050vs-02+SY1-220p | Belimo |  | B2050VS.02+SY1-220P | 1 | \$3,44 | 5\% | . 16 |
| B2050Vs 022 SYY1-24 | Belimo |  | B2050Vs-02+SY1-24 | 1 | \$1,327.00 | 58\% | \$557.34 |
| B2050Vs-02+SY1-24P |  |  | B2050Vs-02+SY1-24P | 1 | \$3,448.00 | 58\% | \$1,448.16 |
| ${ }^{\text {22050VS }}$-44LEF120 US | Belimo | $12 z^{2}, 2$. Way, Brass Body, SS Tim, CV4 with Sping, 35inlb, Onolft, 120 V | B2050VS.04tLFF120 US | 1 | \$642.00 | 58\% | \$269.64 |
| B2050Vs.04tLFI20.S US | Belimo |  | B2050Vs.04tLFI20.S US | 1 | \$704.00 | 58\% | \$295.68 |
| B2050Vs.04t-L24 US | Belimo |  | B2050Vs.04LLF24 US | 1 | \$604.00 | 58\% | \$253.68 |
| B20550V.04tLE24MFT US | Belimo |  | B20550V.04tLE24.MFT US | 1 | \$842.00 | 58\% | \$353.64 |
| B2050VS.04L-L24-MFT.S US | Belimo |  | B2050VS 044LEF24MFT-S US | 1 | \$902.00 | 58\% | \$378.84 |
| ${ }^{\text {B2050VS }}$-04t-L24.S US | Belimo |  | ${ }^{\text {B20500 S 04tLLE24.SUS }}$ | 1 | \$664.00 | 58\% | \$278.88 |
| B2050Vs-04tLME2243.x1 | Belimo |  | B2050VS 044 LMME24.3. $\times 1$ | 1 | \$558.00 | 58\% | \$234.36 |
| B205VVS.04tLUX24.3. $\times 1$ |  |  | 205vS.04t+1MK24.3.1 | 1 | \$558.00 | 58\% | \$234.36 |
| B2050Vs.04+LMx24MF-.x1 | Belimo Belimo |  | B2050VS.04tLux24-MET-X1 | 1 | \$761.00 | 58\% | \$319.62 |
| B2050Vs-04+581-110 |  |  | B2050Vs.04.SYY-110 | 1 | \$1,327.00 | 58\% | \$557.34 |
| B2050vs.04-SYY-110p | Belimo |  | 32050VS-044SY-1110P | 1 | \$3,448.00 | 58\% | \$1,448.16 |
| B2050VS-04+SY-220 | Belimo |  | B2050vs-04+5Y1-220 | 1 | \$1,327.00 | 58\% | \$557.34 |
| B2050Vs.044SY1-220P | Belimo | Way,Frass Body, SS Tim, Cv4 with Nor.Spring Relur,310 in-l, Modulaing.230V,NEMA | B2050VS-044SYY-220P | 1 | \$3,486.00 | 58\% | \$1,464.12 |
| B20500V-0445Y1-24 | Belimo |  | B2050VS.04+5Y1-24 | 1 | \$1,327.00 | 58\% | \$55734 |
|  | Belimo |  |  |  |  |  | \$557.34 |
| B2050Vs.04+SY-24P | Belimo |  | B2050VS-04+SY1-24P | 1 | \$3,448.00 | 58\% | \$1,448.16 |
| B2050VS-15+LEL20 US | Belimo | 12\%; 2-Way,Brass Body, SS T Tim, Cu15 with Spring, 35indb, Onoff, 120V | B2050VS 15 +LFF120 US | 1 | \$642.00 | 58\% | \$269.64 |
| B2050Vs-154-LFI20.S US | Belimo |  | B2050VS 15 LLLFI20.S US | 1 | \$704.00 | 58\% | \$295.68 |
| B2050V-15tLF24 US | Belimo |  | B2050V. $15+$ L-24 US | 1 | \$604.00 | 58\% | \$253.68 |
| B2050VV-15+LE24MFT US | Belimo | $112,2.2$ Way, Brass Body, SS T Tim, Cu15 with Spping, 35inlb, MFT, 24 V | B2050VS $15+$ L-L24.MFT US | 1 | \$842.00 | 58\% | \$353.64 |
| B2050VS 15 LLEF2-MFT.S US | Belimo |  | B2050VS $15+$ L-L24-MFT-S US | 1 | \$902.00 | 58\% | \$378.84 |
| ${ }^{\text {B20550VS }} 15+$ +F24.S US | Belimo | 1/2, 2.2 Way, Brass body, SS Tim, Cu15 wilh Sping, 35inlb, Onolf, 24V, SW | ${ }^{\text {B2050VS }}$-15+L-L24.S US | 1 | \$664.00 | 58\% | \$278.88 |
| B2050Vs $15+$ +LMB24.3.31 | Belimo |  | B2050V. $15+$ +LMB24.3.31 | 1 | \$558.00 | 58\% | \$234.36 |
| B2050VS-15+LWX24.3. $\times 1$ |  |  | B2050VS-15+LWX24.3. $\times 1$ | 1 | \$558.00 | 58\% | \$234.36 |
| B2050V-15tLMx24-MFT-X1 | Belimo |  | B2050V-15tLux24-MET-X1 | 1 | \$761.00 | 58\% | \$319.62 |
| B2050V-15+SY1-110 | Belimo |  | 82050V -15+SY1-110 | 1 | \$1,327.00 | 58\% | \$557.34 |
| B2050Vs 15-SYY-110P | Belimo |  | B2050Vs 15-SYY-110P | 1 | \$3,448.00 | 58\% | \$1,448.16 |
| B2050VS-15+SY-1220 |  |  | B2050VS-15+SY1-220 | 1 | \$1,327.00 | 58\% | \$557.34 |

The scope of this contract includes the following
Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated


 commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, etc.) to communicat.
platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
inte Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxia \& fiber optic), wire, condwit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpsse 1 , Telecommumicaions, Networking Cabing,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

|  |  | Product Descripition | cheode | "Warranty Period - \# of year(s) afteracceptance as required by Appendix B, | - | \% Discount | NVS Nel Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |
| 32050VS-15-SY1-220P | Belimo |  | ${ }^{\text {B2050VS } 15+S Y Y-220 P ~}$ | 1 | \$3,448.00 | 58\% | \$1,448.16 |
| B2050VS-15+SY1-24 | Belin |  | 82050Vs-15+SY1-24 | 1 | \$1,327.00 | 58\% | 5557.34 |
| B2050VS-15+SY1-24P B219VS+NFB24-X1 B219VS + NFBUP-S-X1 |  |  | B2050Vs-15+5Y1-24P | 1 | \$3,448.00 | 58\% | \$1,448.16 |
|  | Belimo |  | B29VS+NFE24.x1 | 1 | \$820.00 | 58\% | \$344.40 |
|  | Belimo |  | B219VS + NFEUP.S. $\times 1$ | 1 | \$962.00 | 58\% | \$404.04 |
|  |  |  | B29VS+NfEbup.x | 1 | \$868.00 | 58\% | \$364.56 |
| B219VS+NFX24-MFT-S-X1 <br> B219VS+NFX24-MFT-X1 B219VS+NMB24-3-X1 | Belimo Belimo |  | B21VVS+NFX24.MFT-S. ${ }^{\text {a }}$ | 1 | \$1,144.00 | 58\% | \$480.48 |
|  | Belimo | 344, 2.Way, Brass Body, SS Tim, Cruo with Spring Retur,90 in-b, ,MF, 24V | B219VS+NFK24MFT-X1 | 1 | \$1,054.00 | 58\% | \$442.68 |
|  |  |  | B2219V+NMB24.3.x1 | 1 | \$719.00 | 58\% | \$301.98 |
| B219VS+NMX24-3-X1 <br> B219VS+NMX24-MFT-X1 B219VS+SY1-110 | Belimo |  | B219VS+NMX24.3. ${ }^{1}$ | 1 | \$719.00 | 58\% | 301.98 |
|  | Belimo |  |  | 1 | \$1,043.00 | 58\% | \$438.06 |
|  |  |  | B29VS+SY1-110 | 1 | \$1,471.00 | 58\% | 7.82 |
| B219VS+SY-110P | Belimo |  | B2I9VS + SY - 1110 P | 1 | \$3,572.00 | 58\% | 1,500.24 |
| B219VS+SY1-220 B219VS+SY1-220P | Belimo |  | B219VS+SY1-220 | 1 | \$1,471.00 | 58\% | \$617.82 |
|  |  |  | 3219VS + SY -220P | 1 | \$3,572.00 | 58\% | \$1,500.24 |
| B219VS + SY $1-220 \mathrm{P}$ B219VS + Y 124 | Belimo |  | 19VS+SY-24 | 1 | \$1,471.00 | 58\% | \$617.82 |
| B219VS+5YY 124 P | Belimo |  | 8219VS+SY1-24P | 1 | \$3,572.00 | 58\% | \$1,500.24 |
| B219VS+SY2-110 | Belim |  | B219VS+SY2-110 | 1 | \$2,776.00 | 58\% | 165.92 |
|  | Beimo |  | B219VS+SY2-120MFT | 1 | \$5,072.00 | 58\% | \$2,13 |
| B219VS+sy2-220 | Belin |  | B219VS+52-220 | 1 | \$2,776.00 | 58\% | \$1,165.92 |
| B219VS+SY2-230MFT <br> B219VS+SY2-24 <br> B219VS+SY2-24MFT |  |  | B219VS+SV2-230MFT | 1 | \$5,072.00 | 58\% | 30.24 |
|  | Belimo |  | B219VS+5Y2.24 | 1 | \$2,776.00 | 58\% | \$1,165.92 |
|  | Belimo |  | B219VS+SY2-24MET | 1 | \$5,072.00 | 58\% | \$2,130,24 |
| B220VS+NFB24-X1 <br> B220VS+NFBUP-S-X | Belimo |  | B220VS+NFE84.x1 | 1 | \$858.00 | 58\% | \$360.36 |
|  |  |  | B220VS + NFEUP.S. $\times 1$ | 1 | \$996.00 | 58\% | 418.32 |
| B220VS+NFBUP-x1 |  |  | B220VS+NFEup-x1 | 1 | \$902.00 | 58\% | \$378.84 |
| B220VS+NFX24-MFT-S-X1 B220VS+NFX24-MFT-X1 B220VS+NMB24-3-X1 | Belimo Belimo |  |  | 1 | \$1,134.00 | 58\% | \$476.28 |
|  |  |  |  | 1 | \$1,094.00 | 58\% | \$459.48 |
|  | Beimo |  | B220VS+NM $224.3 \times 1$ | 1 | \$743.00 | 58\% | \$312.06 |
| B220VS+NM 2 24.3.1 | Belimo |  | B220VS+NM $24.3 \times 1$ | 1 | \$743.00 | 58\% | \$312.06 |
| B220VS+NMX24MMT-X1 | Belimo |  | 220VS+NMX24.MT- $\times 1$ | 1 | \$1,080.00 | 58\% | \$453.60 |
|  | Belim |  | B220VS+SYY-110 | 1 | \$1,094.00 | 58\% | \$459.48 |
| B220VS+SY-110P | Belimo |  | B220VS+SY-110P | 1 | \$3,592.00 | 58\% | \$1,508.64 |
| B220VS+SY-120 |  |  | B220Vs+5Y1-220 | 1 | \$1,491.00 | 58\% | \$626.22 |
|  | Belimo |  | B202V.5Y1.200 |  |  |  |  |
| B220VS + SY1-220P <br> B220VS+SY1-24 | Belimo |  | B220VS+SY1-2200 | 1 | \$3,592.00 | 58\% | \$1,508.64 |
|  | Belimo |  | 322VS+SYY 124 | 1 | \$1,491.00 | 58\% | 6.22 |
| B220VS+SYY-24P <br> B220VS+SY2-110 | Belimo |  | B220VS+5Y1-24P | 1 | \$3,592.00 | 58\% | \$1,508.64 |
|  | Belimo |  | B220Vs+5Y2-110 | 1 | \$2,798.00 | 58\% | \$1,175.16 |
| B220VS+SY2-110 <br> B220VS+SY2-120MFT | elim |  | B220VS+SY2-120MFT | 1 | \$5,094.00 | 58\% | \$2,139 |
| B220VS+SY2-220 | Belimo |  | B220Vs+5Y2-220 | 1 | \$2,798.00 | 58\% | \$1,175.16 |
|  | Belimo |  | B220VS+SV2-230MFT | 1 | \$5,094.00 | 58\% | .139.48 |
| B220Vs+SY̌2z20MFT <br> B220Vs+5Y2-24 |  |  | B220VS+5Y2.24 | 1 | \$2,798.00 | 58\% | \$1,175.16 |
| B220VS+5Y2.24MET | Belimo |  | B220Vs+SY2-24MFT | 1 | \$5,094.00 | 58\% | \$2,139.48 |
|  | Belimo | 17, 2.Way, Brass Bady, SS Tim, CV68 with Spring Reum, 180 in-lb, Onolit.24V | B224V 5 AFE84×1 | 1 | \$926.00 | 58\% | 38.92 |
|  | Belimo |  | B224VS.AFBUP.S. x 1 | 1 | \$1,083.00 | 58\% | \$454.86 |
| B224VS $A$ AFbup-x1 $^{\text {a }}$ |  |  | B224VS+AFBUP-×1 | 1 | \$988.00 | 58\% | 414.96 |
| B224VS+AFX24.MFT95.X1 B224US+AF:X24-MFT-••X1 B224USAAFX24MF-X1 B224VS+AMB24.3.×1 | Belimo |  | B224VS + AFK24.MFT95.X1 | 1 | \$1,177.00 | 58\% | \$494.34 |
|  | Belimo Belimo | 1", 2-Way, Brass Bady, SS Tim, Co68 with Sping Retur, 188 in-lb, MFT, 24V |  | 1 | \$1,248.00 | 58\% | \$524.16 |
|  | Belimo Belimo |  |  | 1 | $\$ 1,153.00$ $\$ 824.00$ | 58\% $58 \%$ | $\$ 484.26$ $\$ 346.08$ |
|  | Belimo |  |  | ' | \$824.00 | 58\% |  |
| B224VS+AMx24.3.1 | Belimo |  | ${ }^{\text {B224VS }}$ +M4 $24.3 .3 \times 1$ | 1 | \$884.00 | 58\% | 46.0 |
| B224VS+AMX24-MFT95.x1 | Belimo |  | B224US+AMX24.MFT95.X1 | 1 | \$1,076.00 | 58\% | \$451.92 |
| B224VS+AMX24-MFT-X1 B224VS+SY1-110 | Belimo |  | B224VS+AMX24MFT-X1 | 1 | \$1,118.00 | 58\% | \$469.56 |
|  |  |  | B224VS+5Y1-110 | 1 | \$1,517.00 | 58\% | 637.14 |
| B224S $+5 \mathrm{SY}-1110 \mathrm{P}$ | Belimo |  | B224VS + SY 1 -110 | 1 | \$3,614.00 | 58\% | \$1,517.88 |
| B224VS+SY1-220 | Belimo |  | B224VS+5Y1-220 | 1 | \$1,550.00 | 58\% | 651.0 |
| B224VS+SY1-220P B224VS+SY1-24 |  |  | 8224VS+SY1-220P | 1 | \$3,652.00 | 58\% | \$1,533.84 |
|  | Belimo |  | 3224VS+5Y1-24 | 1 | \$1,517.00 | 58\% | \$637.14 |
| ${ }^{\text {B224VS }+511-24 P}$ | Belimo |  | B224VS+5Y1-24P | 1 | \$3,614.00 | 58\% | \$1,517.88 |
| B224VS+SY2-110 <br> B224VS+SY2-120MFT | Belimo |  | B224VS+52-110 | 1 | \$2,820.00 | 58\% | \$1,184.40 |
|  |  |  | B224VS+SY2-120MFT | 1 | \$5,116.00 | 58\% | 8.72 |
| B224VS +5 S 2 -220 | Belimo |  | B224VS+5Y2-220 | 1 | \$2,856.00 | 58\% | \$1,199.52 |
| B224VS+SY2-230MFT |  |  | B224VS+SV2-230MFT | 1 | \$5,116.00 | 58\% | \$2,148.7 |
|  | Belimo |  | B224VS+5Y2-24 | 1 | \$2,820.00 | 58\% | 1,184.40 |
| B224VS+5Y2.24 <br> B224VS+SYV-24MET | Belimo |  | B224VS+SY2-24MET | 1 | \$5,116.00 | 58\% | \$2,148.72 |
|  | Belimo |  |  |  |  |  |  |
| B225VS + AFB24-X1 B225VS+AFBUP-S-X1 |  | 1", 2-Way,Brass Body, SS Trim, Cv68 with Spring Return, 180 in-lb ,On/Off,24V 1", 2-Way, Brass Body, SS Trim, Cv68 with Spring Return, 180 in -lb ,On/Off,24 to 240 V (UP) | ${ }^{\text {B22VVS }}$ +AFB24* $\times 1$ | + | \$1,105.00 | 58\% | \$464.10 |
|  | Belimo |  | B225VSAAFBUP.S. X1 | 1 | \$1,259.00 | 58\% | \$528.78 |
| ${ }^{\text {B225V }+A A B U P P} \cdot x_{1}$ |  |  | B225Vs + AfBup-x1 $^{\text {a }}$ | 1 | \$1,167.00 | 58\% | \$490.14 |
| B225VS+AFX24-MFT95-X1 B225VS+AFX24-MFT-S-X1 B225VS+AFX24-MFT-X1 | Belimo |  | B225VS+AFX24-MTT95-x1 | 1 | \$1,295.00 | 58\% | \$543.90 |
|  | $\begin{aligned} & \text { Belimo } \\ & \text { Belimo } \end{aligned}$ |  | B225VS+AFX24-MFT-S-X1 B225VS+AFX24-MFT-X1 | 1 | \$1,345.00 | 58\% | \$564.90 |
|  |  |  |  | 1 | \$1,273.00 | 58\% | \$534.66 |
| B225VS+AnX24.3.1 |  |  | B225VS+AMB24-3-X1 <br> $\mathrm{B} 225 \mathrm{VS}+\mathrm{AMX} 24-3-\mathrm{X}$ | 1 | \$924.00 | 58\% | 88.08 |
|  |  |  |  | 1 | \$924.00 | 58\% | \$388.08 |
| B225VS+AMX24-MFT95-X1 <br> B225VS+AMX24-MFT-X1 B225VS+SY1-110 | Belimo Belimo |  | B225Vs+AnX24-MFT95-X1 | 1 | \$1,151.00 | 58\% | \$483.42 |
|  | Belimo <br> Belimo |  | $25 \mathrm{VS}+\mathrm{AMX} 24-\mathrm{MFT}-\mathrm{X} 1$ B225VS+SY1-110 B225VS + SY $1-110 \mathrm{P}$ | 1 | \$1,217.00 | 58\% | \$511.14 |
|  |  | 1", 2-Way,Brass Body, SS Trim, Cv68 with Non-Spring Retur,310 intb, On/oft, 120 V, NEMA 4 X <br>  |  | 1 | \$1,533.00 | 58\% | \$643.86 |
| B225V + +SY-110P |  |  |  | 1 | \$3,632.00 | 58\% | \$1,52 |

The scope of this contract includes the following
Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated hicroprocessor-Controled HAC Equipment in a builing or faciry. Builng Management Systems and Buidng Contro Sytems ace alo subcategories of Buiding Automation Systems.

Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and , Sy the to allow the Building Automation System or Energy Management System to monitor the performance of these commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
4. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, etc.) to communicat.
platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
of Integrated Microprocessor-Based HVAC Equipmen
Cleans, tests, and balances the Integrated Microprocessor-Controlled HVAC Equipment in accordance with Code Requirements.

1. Plumberg thys contract does not include:
howers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rork, Piping, etc. shall not be obtained on these contracts.

Factory Installed/Factory-Provided micro-processor--controlled included $/$. remote I/O modules, etc. which are not
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxia \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to


A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To comunicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated croprocessor-Controled HVAC Equipment in a building or faciity. Building Management Systems and Builing Control Sys are also subcategories of Buil ding Automation Systems
3. Integrated Microprocesor-Controled HVAC Eqionerized system,

Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and , commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
ainte Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs Showers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he

Factory Installed/Factory-Provided micro-processor--controlled included/cores
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxia \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpss I, Telecommumicaions, Networking Cabling,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Oodel Number |  | Iucl Descriplion | fat cose | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B249VS+SV2-230MFT | Beimo |  | B24VS+SYV2-230MFT |  | \$5,678.00 | 58\% |  |
| 3299VS+SV2.24 | Belim |  | 249VS+SV2.24 | 1 | \$3,385.00 | 58\% | \$1,421.70 |
| 224VS+SV2-24MFT | Belim |  | B24VS+SY̌2-24MET | 1 | \$5,678.00 | 58\% | \$2,384.76 |
|  | Belimo |  |  | 1 | \$3,743.00 | 58\% | \$1,572.06 |
|  |  |  | B250V $+2^{2}$ 'am824.3. $\times 1$ | 1 | \$2,606.00 | 58\% | \$1,094.52 |
| B250VS+2'GMX24MFT95.x1 | Belimo |  | B250VS+2'GMX24MFT95.x1 | 1 | \$2,830.00 | 58\% | \$1,188.60 |
|  | Belimo |  | B250VS+2'GMX24MMT-×1 | 1 | \$2,772.00 | 58\% | \$1,164.24 |
| B250VS+SY2-110 |  |  | B250VS+5Y2-110 | 1 | \$3,738.00 | 58\% | \$1,569.96 |
| B250VS+SY2-120MFT | Beimo |  | B250Vs+SY2-120MFT | 1 | \$6,002.00 | 58\% | \$2,520.84 |
| 3250V + +5Y-220 | , |  | vS+SV2-220 | 1 | \$3,773.00 | 58\% | \$1,584.66 |
| B250VS+SY2-230MFT | Bel |  | B250VS+SV2-230MFT | 1 | \$6,002.00 | 58\% | \$2,520.84 |
| 3250VS+SY2.24 |  |  | B250Vs+SY2.24 | 1 | \$3,738.00 | 58\% | \$1,569.96 |
| B250VS+SY 2 -24MFT | Beimo |  | B250VS+SY2.24MET | 1 | \$6,002.00 | 58\% | \$2,520.84 |
|  |  |  | B265V +2 'GME24.3.31 | 1 | \$4,262.00 | 58\% | \$1,790.04 |
| B265VS+2'GMx24MF--×1 | ${ }_{\text {Belimo }}$ |  | B265VS+2'GMX24-MFT-X1 | 1 | \$4,573.00 | 58\% | \$1,920.66 |
| B265VS +5 S 2 - 110 | Belimo |  | 265V+5Y2-110 | 1 | \$5,647.00 | 58\% | \$2,371.74 |
| B265VS+SY2-120MFT | Beimo |  | B265VS+SY2-120MFT | 1 | \$7,942.00 | 58\% | 3,335.64 |
| 3265V + +52-220 | Belimo |  | B265V + +52-220 | 1 | \$5,687.00 | 58\% | \$2,388.54 |
| B265VS+SY2.230MFT | Beimo |  | B265VS+SV2.230MFT | 1 | \$7,942.00 | 58\% | \$3,335.64 |
| 8265VS+SY2.24 | Beimo |  | B265VS+SY2.24 | 1 | \$5,647.00 | 58\% | \$2,371.74 |
| B265VS+SY2-24MET | Beimo |  | B266VS+SY2-24MET | 1 | \$7,942.00 | 58\% | \$3,335.64 |
| B280Vs+2'GKK24-MET-X1 | - |  | sovs +2 'GKK24-MET-X1 | 1 | \$5,934.00 | 58\% | \$2,492.28 |
| 280VS $+2 \cdot \mathrm{Gm} 824 \cdot 3 \times 1$ | Belimo |  | E280VS $+2 \cdot \mathrm{GM} 324.3 \times 1$ | 1 | \$4,416.00 | 58\% | \$1,854.72 |
|  | Belimo |  | B280Vs+2'GMX24MF-->1 | 1 | \$4,727.00 | 58\% | \$1,985.34 |
| B280VS+SY3.110 | Belimo |  | B280V5+5Y3.110 | 1 | \$5,805.00 | 58\% | \$2,438.10 |
| B280VS+SY3-120MFT |  |  | B280VS+SY3-120MFT | 1 | \$8,099.00 | 58\% | \$3,401.58 |
| 280VS +5 Y3-220 | 析 |  | 3.220 | 1 | \$5,841.00 | 58\% | \$2,453.22 |
| B280VS+SY3-230MFT | Belimo |  | B280VS+SYY-230MFT | 1 | \$8,099.00 | 58\% | \$3,401.58 |
| B280VS+5Y3-24 | Belimo |  | B280VS+SYY-24 | 1 | \$5,805.00 | 58\% | \$2,438.10 |
| B280VS+SY3.24MET | elin |  | E280VS+SY3.24MET | 1 | \$8,099.00 | 58\% | \$3,401.58 |
| B315VStLFi20 US | Belimo | $1 / 2^{2}$ 3W BV, GLAND TYP SB, CV=4. 8 with Spring, 35in-lb, Onofit, 120 V | B335VStLFF20 US | 1 | \$736.00 | 58\% | \$309.12 |
| B315VS+LF120.SUS | Belimo |  | B315VS + LF120.SUS | 1 | \$796.00 | 58\% | \$334.32 |
| B315VStLF24 US | Belimo | $1 / 22^{2}$ WW EV, GLAND TYP SB, CV=4.8 8 with Sping, 35inlb, Onnoft, 24 V | ${ }^{\text {B315V }}+$ L-F24 US | 1 | \$701.00 | 58\% | \$294.42 |
| B315VStLE24MET US | Belimo |  | B315VS + LF24MFT US | 1 | \$960.00 | 58\% | \$403.20 |
| B315VS+LF24-MmT-S US | Belimo |  | B315VStLE24-Mf-S S S | 1 | \$996.00 | 58\% | \$418.32 |
| ${ }^{\text {B315VS }+ \text { L2 } 24.5 ~ U S ~}$ | Belimo |  | B315V + L-L24.S US | 1 | \$736.00 | 58\% | \$309.12 |
| B315V + +LM224.3. ${ }^{\text {a }}$ | Belimo |  | B315VS+LMB24.3.31 | 1 | \$635.00 | 58\% | \$266.70 |
| B315VS+LWx24.3.31 | Belimo |  | B315VS+LLNX24.3.1 | 1 | \$635.00 | 58\% | \$266.70 |
| B315VS+LMX24.MfT-x1 | Belimo |  | B315VS+LUx24-MfT-X1 | 1 | \$880.00 | 58\% | \$369.60 |
| B315VS+NFE24** | Belimo |  | $\mathrm{B}^{3} 15 \mathrm{~V}+\mathrm{N} \times 824 \times \times 1$ | 1 | \$743.00 | 58\% | \$312.06 |
| B315VS + NFEUP.S. $\times 1$ | Belim |  | B315V + +NFEUP-S. P1 | 1 | \$838.00 | 58\% | \$351.96 |
| B315VS+NFEUP-X1 | Beim |  | B315VS+NFBUP. x | 1 | \$792.00 | 58\% | 332.64 |
| B315VS+NFK24-MFT-X1 | Belimo |  | B315VS+NFK24.MFT-X1 | 1 | \$1,036.00 | 58\% | \$435.12 |
| B315V + +MM ${ }^{\text {2 }}$ 24.3. $\times 1$ | Belimo |  | E315VS+NM $224.3 \times 1$ | 1 | \$670.00 | 58\% | \$281.40 |
| B315VS+NM 2 24.3. ${ }^{1}$ |  |  | B315VS+NWX24.3.31 | 1 | \$670.00 | 58\% | \$281.40 |
| B315VS+NMX24.MT- $\mathbf{x}^{1}$ | Belimo | $1122^{3} 3 \mathrm{~W}$ BV, GLAND TYP SB, CV=4.8 with Non-Spring Reumm, 90 in-lb, MrT, 24V | B315VS+NMX24.MT- - $^{1}$ | 1 | \$1,006.00 | 58\% | \$422.52 |
| B320VS+AFB24×1 | Belimo |  | B320VS+AFB24×1 | 1 | \$908.00 | 58\% | \$381.36 |
| B320VSAFEBUP.S.X1 | Belimo |  | B320VS+AFBUP.S. x1 | 1 | \$1,067.00 | 58\% | \$448.14 |
| B320Vs+AFBup.x1 |  |  | B320Vs+AFBup-x1 | 1 | \$970.00 | 58\% | \$407.40 |
| B320VS+AFX24MFT95. $\mathbf{x}^{1}$ | Belimo | $34^{3}$ 3W BV, GLAND TYPE SB, CV=11 with Sping Retur, 180 in i-b, M. Mr, 24V | B320VS+AFX24MFT95.x1 | 1 | \$1,204.00 | 58\% | \$505.68 |
| B320VS+AFX24MFT-S. ${ }^{\text {d }}$ | Belimo | $34^{3}$ 3W BV, GLAND TYPE SB, CV=11 with Sping Return, 180 in i-b, Mr., 24 V | B320VS+AFX24MF.T.S.x1 | 1 | \$1,279.00 | 58\% | \$537.18 |
| B320VS + AFX24-MFT-X1 | Belimo |  | B320VS + AFX24MFT-X1 | 1 | \$1,182.00 | 58\% | \$496.44 |
| B320VS+AMB24.3. 1 | elimo |  | OVS + AMB24.3. $\times 1$ | 1 | \$836.00 | 58\% | \$351.12 |
| B320VS+AM $24.3 \times 1$ |  |  | B320VS+AM $24.3 \times 1$ | 1 | \$836.00 | 58\% | \$351.12 |
| B320VS+AMX24-MmT95.x1 | Belimo |  | B320VS+AMX24.MFT95:X1 | 1 | \$968.00 | 58\% | \$406.56 |
| B320VS+AnX24-MFT-×1 | Belimo |  | B320VS+AnX24.MFT-×1 | 1 | \$1,111.00 | 58\% | \$466.62 |
| B320VS+NFE24*x | Belimo |  | B320VS+NFE24-x1 | 1 | \$908.00 | 58\% | \$381.36 |
| B320VS+NFEUP.S. P1 | Belimo |  | B320VS+NFELPP.S.x1 | 1 | \$1,067.00 | 58\% | \$448.14 |
| B320Vs+NFEup-x1 |  | $34^{4}$ 3W BV, GLAND TYPE SB, CV=11 with Spring Return,90 in-b, Onofiti24to 240 V (UP) | B320Vs+NFEUP-X1 | 1 | \$970.00 | 58\% | \$407.40 |
| B320VS+NFX24.MF-T. $\times 1$ | Belimo Belimo | 3343 3W BV, GLAND TYPE SB, Cre=1 with Sping Reuun,90 in-lb, MFT, 24V | B320VS+NFX24.MF-T. $\times 1$ | 1 | \$1,279.00 | 58\% | \$537.18 |
| B320VS+NFK24-MET-X1 | Belimo |  | B320VS+NFFX24-MFT-X1 | 1 | \$1,182.00 | 58\% | \$496.44 |
| B320VS+NM ${ }^{\text {2 }}$-3. $\times 1$ |  | W BV, GLAND TYPE SB, CV=11 with Nor-Sping Reeurn,90 in-b, Onnotffotiting | B320VS+NM824.3.1 | 1 | \$798.00 | 58\% | \$335.16 |
| B320VS+NM 2 24.3.1 |  | $334{ }^{4}$ 3W BV, GLAND TYPE SB, CV=11 with Nor-Sping Reumm,90 in.lb, Onotrifioaing,24V | B320VS+NWX24.3.1 | 1 | \$776.00 | 58\% | \$325.92 |
| B320VS+NMX24.MT- $\times 1$ | Belimo Belimo | 334 3W BV, GLAND TYPE SB, CV=11 with Non-Spring Relurn,90 in-b, MFT, 24V | B320VS+NMX24.MT- $\mathrm{x}_{1}$ | 1 | \$1,016.00 | 58\% | \$426.72 |
| B325V $+22^{2} \cdot \mathrm{AB} 24 \times 1$ | Belimo |  |  | 1 | \$1,643.00 | 58\% | \$690.06 |
| B332VS +2 PAFBup-s. $\times 1$ | Belimo |  | B325VS +2 -AFBup.S. $\times 1$ | 1 | \$1,859.00 | 58\% | \$780.78 |
| B325VS+2AFEbup.x1 |  |  | B325VS+2APFBup.x1 | 1 | \$1,764.00 | 58\% | \$740.88 |
| B325VS + 2AAFK24M-TT95.x1 | ${ }^{\text {Belimo }}$ |  | B325VS+2AFFX24MFTT5-×1 | 1 | \$2,302.00 | 58\% | \$966.84 |
| B325VS+2APF24-M\|T-S.×1 | Belimo |  |  | 1 | \$1,936.00 | 58\% | \$813.12 |
|  | Belimo |  |  | 1 | \$1,839.00 | 58\% | \$772.38 |
| B325VS+AFB24×1 | Belimo |  | B325VS + fr824×1 | 1 | \$1,133.00 | 58\% | \$475.86 |
| B325VS+AFBUP.S. $\times 1$ | Belimo |  | B325VSAFABUP.S. x 10 | 1 | \$1,295.00 | 58\% | \$543.90 |
| B325VS+AFBUP-.x1 |  |  | B325V + AFBup-x1 | 1 | \$1,195.00 | 58\% | \$501.90 |
| B325VS+AFX24MFT95.X1 | Belimo |  | B325VS+AFX24MFT95.x1 | 1 | \$1,367.00 | 58\% | \$574.14 |
| B325VSAAFX24.4FT. ${ }^{\text {P } \times 1}$ | Belimo | 1 "3W BV, GLANND TYPE SB, CV=21 with Spoing Reum, 180 in-b, MmF, ,24V | B325VS+AFX24MF.T.S.x1 | 1 | \$1,437.00 | 58\% | \$603.54 |
| B325VS + AFX24-MF--x1 | Belimo |  | B325VS+AFK24.MF-×1 | 1 | \$1,343.00 | 58\% | \$564.06 |
| B325VS+AMB24.3. ${ }^{1}$ | Belimo |  | B325VS+AMB24.3. $\times 1$ | 1 | \$1,038.00 | 58\% | \$435.96 |
| B325VS+AM224.3.1 |  |  | B322VS + AM $24.3 .3 \times 1$ | 1 | \$999.00 | 58\% | \$419.58 |
| B325VS+AMX24-MFT95.X1 | Belimo Belimo |  | B325SS+AMX24.MFT95.X1 | 1 | \$1,131.00 | 58\% | \$475.02 |
| B325VS+AnX24-Mf-.x1 | Belimo |  | B325VS+AMX24MFT-X1 | 1 | \$1,253.00 | 58\% | \$526.26 |
| B3325V + +M ${ }^{\text {2 }}$ 24.31 | Belimo |  | B325VS+NMB24.3.x1 | 1 | \$996.00 | 58\% | \$418.32 |

The scope of this contract includes the following：
．Building Automation System（BAS）which is a computerized system，operating on certain communications protocols（e．g．BACNet，LonTalk，Modbus，etc．）which manages，controls，and is integrated with the Integrated Hcroprocessor－Controiled HVAC Equipment in a buidng or faciinty．Bilding Management Systems and Bing Contron Systems are a，
 Provided Microprocessor－Controlled，requiring technical skill to program，integrate，and commission and which are integr
products by the authorized user．
Integrated BAS／EMS／Integrated Microprocessor－Controlled HVAC Equipment shall means that the fire alarm system，cetv system，or access control system is integrated to the BAS／EMS／Integrated Microprocessor Controlled HVAC Equipment using a device including，but not limited to，a router，gateway，FireAlarm Interface Panel（FIAP），and／or other similar device，which utilize certain protocols（e．g．BACNet，LonTalk，Modbus， platforms／systems．
Testing and Balancing of HVAC Systems shall be when an independent vendor，which：
a）Is certified by either the Associated Air Balance Council Bureau－AABC，Los Angeles，Cal． 90026 or by National Environmental Balancing Bureau－NEBB，Arlington，Va． 22209 ， b）Is an approved subcontractor to a contractor providing Integrated Microprocessor－Controlled HVAC Equipment，installation，systems integration，or maintenance；and

位

The scope of this contract does not include：
1．Plumbing systems This contract does not include the assembly，installation and repair of pipes，fittings，and fixtures of sewer／waste，water，and drainage systems and plumbing fixtures，such as sinks，commodes，bathtubs， showers，water fountains，water heaters hot water tanks，garbage disposal
units，dishwashers，and water softeners．The repair and maintenance of plumbing by replacing washers in leaky faucets，mending burst pipes，and opening clogged drains is not allowed．
3．Chillers，Rooftop Units，boilers，air handlers，fan coil，unit ventilator，he
B．Which are not integrated with the Building Automation Systems or Energy Management Systems，
Cable（coaxial \＆fiber optic），wire，conduit，steel boxes，hangers，etc．must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts．
The contract does not allow for cable（coaxia \＆fiber optic），wire，condwit，steel boxes，hangers，etc．to be purchased from these contracts for any other purposes，including，but not limited to
A．General Purpose IT，Telecommumications，Networking Cabling，Fiber Optics（e．g．phone，pbx，digital centrex，digital key systems，television，cable，T－Line，general broadband，

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A．To communicate fire or health and safety emergencies directly and solely to law enforcement organizations，or
B．To identify an individual（s）＇location in the event of a fire or emergency．

| fel Number |  | Wrel Descalipion | Code | ＂Warranty Period－\＃of year（s）after acceptance as required by Appendix B， |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | S＋Nu |  | List Price | \％Disoumt | Nat Price |
| B325VS＋NM $24.3 \times 1$ | Belimo |  | B325VS＋NM $24.3 \times 1$ |  | \＄996．00 | 58\％ | \＄418．32 |
| B325S + NMX 24.4 MF－$\times 1$ | Belimo |  |  | 1 | \＄1，160．00 | 58\％ | \＄487．20 |
| B332VS $+2^{2}$ AFB24x1 | Belimo | $11 / 44^{3}$ 3W BV，GLAND TYPE SB，CV＝33 with Sping Retur， 180 in－lb，Onotit，24V | B332VS +2 A AFB24x1 | 1 | \＄1，834．00 | 58\％ | \＄770．28 |
| B332VS +2 －AFEUP－S．$\times 1$ | Beimo |  | B332VS +2 －AFEUP．S．$\times 1$ | 1 | \＄2，051．00 | 58\％ | \＄861．42 |
| B332VS +2 PAFsup P1 $^{1}$ | Belimo |  | B332VS +2 APFBuP．x1 | 1 | \＄1，954．00 | 58\％ | \＄820．68 |
|  | Belimo |  | B332VS +2 PAFX24－METT95．x1 | 1 | \＄2，130．00 | 58\％ | \＄894．60 |
|  | Belimo |  |  | 1 | \＄2，203．00 | 58\％ | \＄925．26 |
| B332VS＋2－AFX24MF－Tx | Belimo |  |  | 1 | \＄2，106．00 | 58\％ | \＄884．52 |
| B332VS + AFB24．${ }_{1}$ | Belimo | $11 / 4{ }^{3}$ 3W BV，GLAND TYPE SB，CV＝33 with Spring Retur， 180 in＇tb，Onotit，24V | B332VS + AFB24．$\times 1$ | 1 | \＄1，327．00 | 58\％ | \＄557．34 |
| B332VS＋AFBUP．S．$\times 1$ | Beimo |  | B332VSAFAFUP－S． x 10 | 1 | \＄1，484．00 | 58\％ | \＄623．28 |
| B332VS + Afbup x $_{1}$ | Belimo |  | B332VS＋AFBUP－X1 | 1 | \＄1，387．00 | 58\％ | \＄582．54 |
| B332VS＋AF×24－MFT95．x1 | Belimo |  | B332VS＋AF×24－MFT95．X1 | 1 | \＄1，449．00 | 58\％ | \＄608．58 |
| E332VS＋AFX24MFT－Sx1 | Belimo |  | B332VS＋AFX24．MFT－S．x1 | 1 | \＄1，524．00 | 58\％ | \＄640．08 |
| B332VS＋AFX24MET－X1 | Belimo |  | B332VSAAFX24－MF－－X1 | 1 | \＄1，425．00 | 58\％ | \＄598．50 |
| B332VS＋AMB24．3．$\times 1$ | Belimo |  | B332VS＋AMB24．3． 1 | 1 | \＄1，255．00 | 58\％ | \＄527．10 |
| B332VS＋AMX24．3．${ }^{1}$ | Beimo |  | B332VS＋AMx24．3．31 | 1 | \＄1，255．00 | 58\％ | \＄527．10 |
| B332VS＋AMX24．MFTT9．x1 | Belimo |  | B332VS＋AMX24MFT95．x1 | 1 | \＄1，367．00 | 58\％ | \＄574．14 |
| B332VS＋AnX24－MFT－×1 | Belimo |  | B332VS＋An×24．MFT－×1 | 1 | \＄1，403．00 | 58\％ | \＄589．26 |
| B340VS + ＋2AFB24x ${ }^{\text {a }}$ | Belimo |  | B340VS $+2^{\text {AFFER24x1 }}$ | 1 | \＄2，135．00 | 58\％ | \＄896．70 |
| B340VS +2 －AFEUP－S．$\times 1$ | Belimo |  | B340VS +2 ＇AFBUP．S．$\times 1$ | 1 | \＄2，353．00 | 58\％ | \＄988．26 |
| B340VS＋2AFPBup．x1 | Belimo |  | B340VS＋2AFEBUP．X1 | 1 | \＄2，253．00 | 58\％ | \＄946．26 |
|  | Belimo |  | E340VS＋2＇AFX24－MFT95．x1 | 1 | \＄2，249．00 | 58\％ | \＄944．58 |
|  | Belimo |  | B340VS +2 PAF 2 24－MFT－S．$\times 1$ | 1 | \＄2，399．00 | 58\％ | \＄1，007．58 |
| B340VS＋2－AFX24－MF－－x1 | Belimo |  | B340VS＋2－AFX24MF－TX1 | 1 | \＄2，305．00 | 58\％ | \＄968．10 |
| B340VS＋2＇GKK 24 －MET－X1 | Belimo | $11122^{\prime}$ 3W BV，GLAND TYPE SB，CV＝49 with Electronic Fal：Sale，360 in－b，MFT，24V | B340VS＋2＇trkx24MFT－X1 | 1 | \＄4，161．00 | 58\％ | \＄1，747．62 |
| B340VS $+2 \cdot \mathrm{GM} 324.3 \times 1$ | Belimo | 2＇3W BV，GLAND TYPE SB，CV＝49 with Non－Spring Return，360 in－l，Onotitfioaing．24V |  | 1 | \＄2，346．00 | 58\％ | \＄985．32 |
| B340VS＋2＇GMX24．MFT－X1 | Belimo |  |  | 1 | \＄2，410．00 | 58\％ | \＄1，012．20 |
|  | Belimo |  |  | 1 | \＄2，632．00 | 58\％ | \＄1，105．44 |
| B340VS＋GMB224．3．1 | Belimo | 2＇3W BV，GLAND TYPE SB，CV＝49 wih Non－Spring Return，360 in－b，OnNotffrioaing．24V | B340VS＋GMB224．3．1 | 1 | \＄1，750．00 | 58\％ | \＄735．00 |
| B340Vs＋Gux24－MFT－X1 | Belimo |  | B340Vs＋Gnx24－MET－X1 | 1 | \＄1，786．00 | 58\％ | \＄750．12 |
| B350VS＋2＇GKx24－MFT－X1 | Belimo |  | B350VS＋2－CKKX24－MFT－X1 | 1 | \＄4，959．00 | 58\％ | \＄2，082．78 |
|  | Belimo |  | B350VS $+2 \cdot$ GM ${ }^{\text {P2 }}$＋3．$\times 1$ | 1 | \＄2，818．00 | 58\％ | \＄1，183．56 |
| B350VS＋2＇GMX24．MFT－X1 | Belimo |  | B350VS＋2．CMX24．MET－X1 | 1 | \＄3，209．00 | 58\％ | \＄1，347．78 |
| B6100VS＋SY4．410 | Belimo | 2．way，Fanged SS Tinm，Cast lon bady，SS Tim 4 ：Cv 1200 with Non－Sping Reumm，3560 in－ | B6100Vs＋SY4－110 | 1 | \＄5，889．00 | 58\％ | \＄2，473．38 |
| 86100VS＋SY4 120MFT | Belimo |  | B6100VS＋SY4 120MET | 1 | \＄8，677．00 | 58\％ | \＄3，644．34 |
| 36100Vs＋SY4－220 | Belimo |  | 66100VS＋SY4220 | 1 | \＄5，889．00 | 58\％ | \＄2，473．38 |
| B6100VS＋SY4－230MFT | Belimo |  | B6100VS＋SY4－230MFT | 1 | \＄8，677．00 | 58\％ | \＄3，644．34 |
| oovs + SY4 24 | Belimo |  | S6100VS＋SY4．24 | 1 | \＄5，889．00 | 58\％ | \＄2，473．38 |
| B6100VS＋SY424MET | Belimo |  | B6100Vs＋SY4－24MFT | 1 | \＄8，677．00 | 58\％ | \＄3，644．34 |
| 86150Vs＋SV5－110 | Belimo |  | B6150VS＋SY5． 110 | 1 | \＄11，877．00 | 58\％ | \＄4，988．34 |
| 866150V + SY5－120MFT |  |  | B6150VS＋S55－120MFT | 1 | \＄14，126．00 | 58\％ | \＄5，932．92 |
| 86150VS + SYY 5220 | Belmo |  | 86150VS＋SYY．220 | 1 | \＄11，877．00 | 58\％ | \＄4，988．34 |
| B6150VS＋SY5－230MFT | Bellmo |  | 86650VS＋SY5－230MFT | 1 | \＄14，126．00 | 58\％ | \＄5，932．92 |
|  | elimo | Ib，MFT，230，，NEMA AX |  |  |  |  |  |
| B6150VS＋SY5．24 | Belimo |  | B6150VS＋SY5．24 | 1 | \＄11，877．00 | 58\％ | \＄4，988．34 |
| B6650VS＋SY5－24MFT | Belimo |  | 86150V＋SY5－24MET | 1 | \＄14，126．00 | 58\％ | \＄5，932．92 |
| B6200VS＋588－110 | Belimo |  | 86200Vs＋SY8－110 | 1 | \＄15，890．00 | 58\％ | \＄6，673．80 |
| B6200Vs＋SY8－120MFT | － |  | B6200VS＋SY8－120MFT | 1 | \＄17，428．00 | 58\％ | \＄7，319．76 |
| B620VV＋＋58．220 | Belimo |  | B6200V + SY8．220 | 1 |  |  |  |
| B2000vs＋88．220 | elimo |  | ＋580．20 |  | \＄15，890．00 | 58\％ | \＄6，673．80 |
| B6200VS＋588－230MFT | Belimo |  | B6200VS＋SY8－230MFT | 1 | \＄17，428．00 | 58\％ | \＄7，319．76 |
| B6250V + SY8－110 | Belimo |  | B6250Vs＋SY8－110 | 1 | \＄37，966．00 | 58\％ | \＄15，945．72 |
| B6250Vs＋SY8－120MET | Belimo |  | B6250VS＋SY8－120MeT | 1 | \＄40，067．00 | 58\％ | \＄16，828．14 |
| B6250Vs＋SV8．220 |  |  | B6250Vs＋SV8．220 | 1 | \＄37，966．00 | 58\％ | \＄15，945．72 |
| B6250Vs＋SY8．230MFT | 。 |  | B6250VS＋SV8．230MFT | 1 | \＄40，067．00 | 58\％ | \＄16，828．14 |
| B650Vs＋5Y2．110 | Beimo |  | S50VS＋SY2－110 | 1 | \＄4，330．00 | 58\％ | \＄1，818．60 |
| B650VS＋SY2－120MFT |  |  | B650VS＋SY2－120MFT | 1 | \＄6，545．00 | 58\％ | \＄2，748．90 |
| B650Vs＋5Y－220 | 析 |  | B650Vs＋5Y－220 | 1 | \＄4，330．00 | 58\％ | \＄1，818．60 |
| 8650VS + SY2．230MET | Belimo |  | B655V S SYY $^{\text {P230MET }}$ | 1 | 6654 | 58\％ |  |
|  | Belimo |  |  |  |  |  | ， |
| B650VS＋SY2．24 | Belimo |  | B650VS＋5V2．24 | 1 | \＄4，330．00 | 58\％ | \＄1，818．60 |
| B650VS＋SY2－24MET | Belimo |  | B650VS＋SY2－24MET | 1 | \＄6，545．00 | 58\％ | \＄2，748．90 |
| 3665VS＋SY2－110 |  |  | B66VS＋SY2－110 | 1 | \＄4，480．00 | 58\％ | \＄1，881．60 |
| B665VS＋SY2－120MFT | 析 |  | B665VS＋SY2－120MFT | 1 | \＄6，774．00 | 58\％ | \＄2，845．08 |
| B665V +5 Y2－220 | Belimo |  | B665VS＋5Y2．220 | 1 |  |  |  |
| B600vs＋852：220 | Belimo | OnOIf，230，，NEWA 4 |  |  | \＄4，480．00 | 58\％ | 1，881．60 |
| B665VS＋SY2－230MFT | Belimo |  | B665VS＋SY2－230MFT | 1 | \＄6，774．00 | 58\％ | \＄2，845．08 |
| B665Vs＋SV2．24 | Belimo |  | S65VY +5 S2－24 | 1 | \＄4，480．00 | 58\％ | \＄1，881．60 |
| B666VS＋SY2－24MFT | Belimo |  | B666VS＋SY2－24MET | 1 | \＄6，774．00 | 58\％ | \＄2，845．08 |
| Sovs＋SY3：110 |  |  | B680Vs＋5Y3－110 | 1 | \＄4，628．00 | 58\％ | \＄1，943．76 |
| ceoves．sya | Belimo | lb，Onolit 120V，NEMA 4X | 日eoversya |  |  |  |  |
|  | Belimo | （en | （120NF | ＋ | \＄6，873．00 | 58\％ | \＄2，886．66 |
| 8680VS＋53／220 | Belimo |  | ${ }^{8680}$ | 1 | \＄4，628．00 | 58\％ | \＄1，943．76 |
| B680VS＋FY\％－230MFT | Belimo |  | B680VS＋SYY 230 M FT | 1 | \＄6，873．00 | 58\％ | \＄2，886．66 |
| B680VS＋5Y3．24 |  |  | B680VS＋5Y／24 | 1 | \＄4，628．00 | 58\％ | \＄1，943．76 |
| B688VS＋5Y3－24MET | Belimo |  | B688VS＋5Y3－244ET | 1 | \＄6873．00 | 58\％ |  |
|  | Belimo |  |  |  |  | 58\％ | \＄2，886．66 |
| B2050VsS－15＋LFI20 US | Belimo | $12 r^{2} 2 \cdot \mathrm{~W}$ Way，SS Sody，SS Tim，Cuvs with Sping，35in－b，Onloft，120V | B2050VSS $15+$ L－F120 US | 1 | \＄794．00 | 58\％ | \＄333．48 |
| B2050VSS－15＋L－120．S U | Belimo |  | 822500 SS－15＋L－120－S US | 1 | \＄856．00 | 58\％ | \＄359．52 |
| B2050VSS－15＋L－24 US | Belimo |  | B20500 SS－15＋L－24 US | 1 | \＄756．00 | 58\％ | \＄317．52 |
| 82050VSS－15tLF24MFT US | Belimo |  | 32050VSS－15tLF24MFT US | 1 | \＄1，182．00 | 58\％ | \＄496．44 |
| B2050VSS－15－LF24MFT－S US | Belimo | 12\％；2－Way，SS Body，SS Tim，Cu15 wiht Spping，35inlb，MFT，24V，SW | B2050VSS－15tLLF24MFT－S US | 1 | \＄1，241．00 | 58\％ | \＄521．22 |
| B2250VSS－15＋L－24－S US | Belimo |  | B2050Vs－15tLF24S US | 1 | \＄818．00 | 58\％ | \＄343．56 |
| B22500SS－15＋LMB24．3．1 | Belimo |  | B2050VSS－15＋LME24－3．1 | 1 | \＄726．00 | 58\％ | \＄304．92 |
| B2050VsS－15＋LMX24．3．1 |  | 122；2．Way，SS Body，SS Tim，Cu15 with Non－Sping Reeur，45 in－lb，Onothflioaing，24V | B2050VSS－15＋LHx24．3．1 | 1 | \＄726．00 | 58\％ | \＄304．92 |

The scope of this contract includes the following
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated hicroprocessor-Controled HAC Equipment in a billing or faciry. Builng Management Systems and Bilung Conro Systems ace alo subcategories of Builing Automation Systems.

Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, etc.) to communicat.
platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
ration,

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxia \& fiber optic), wire, condwit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. Genim Purse 1 , Telecommumicaions, Networking Cabing,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Modeinumber |  |  |  | $\begin{gathered} \text { "Warranty Period - \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54 \text { " } \end{gathered}$ | ice | \% Discount | Nvs Nel Picted |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B2050VSS-15+LMX24-MFT- $\times 1$ | Belimo |  | B2050VSS-15+LMX24.MF-T.X1 | 1 | \$1,067.00 | 58\% | \$448.14 |
| ${ }^{\text {B2050VSS-15+SY-110 }}$ | Belimo |  | B2050Vs-15+SYY-110 | 1 | \$1,526.00 | 58\% | \$640.92 |
| 32050Vs-15-SY1-110 P | Belimo |  | B2050VsS-15+5Y-110P | 1 | \$3,628.00 | 58\% | \$1,523.76 |
| B2050vss-15-SY1-220 | Belim |  | 32050vs-15-SY1-220 | 1 | \$1,526.00 | 58\% | \$640.92 |
| 82050Vs-15+8Y1-220P | Belimo | 1/2", 2.Way, SS Body, SS Tim, Cu15 with Non-Spring Retur,310 inilb, Modulating,230V,NEMA AX | B2050vss-15+SY1-220P | 1 | \$3,628.00 | 58\% | 1,523.76 |
| B2050Vss-15-SY1-24 | Belimo |  | B2050Vss-15+SY1-24 | 1 | \$1,526.00 | 58\% | 40.92 |
| B2050vss-15+SY1-24P | Belimo |  | B2050vss-15+SY1-24P | 1 | \$3,628.00 | 58\% | \$1,523.76 |
| B219VSS+NFE24*1 | Belimo |  | B219vSS+NFE24.41 | 1 | \$1,147.00 | 58\% | \$481.74 |
|  | Belimo |  | B219vSS+NFEUP-S. x1 $^{1}$ | 1 | \$1,296.00 | 58\% | 54.32 |
| B2IVSS + NeEbuP. $\mathbf{x}_{1}$ | Belimo |  | B219vSS+NFEUP.-X1 | 1 | \$1,206.00 | 58\% | \$506.52 |
| B219VSS+NFK24.MFT95.X1 | Belimo |  | B219VSS+NFK24.METT95.X1 | 1 | \$1,572.00 | 58\% | \$660.24 |
| B219VSt+NFX24MFT-S. ${ }^{\text {a }}$ | Belimo |  | B219VSS+NFK24.MFT-S. ${ }^{\text {a }}$ | 1 | \$1,621.00 | 58\% | \$680.82 |
| B219VSS+NFX24MF-TX1 | Belimo |  | B219VSS+NFX24MF-TX1 | 1 | \$1,550.0 | 58\% | 51.00 |
| B219VS++NMB24-3. $\times 1$ | Belimo |  | B219VSS+NM ${ }^{\text {24-3.31 }}$ | 1 | \$1,008.00 | 58\% | \$423.36 |
| ${ }^{\text {B219VSS }+ \text { M }}$ K24.3. $\times 1$ | Beimo |  | ${ }^{\text {B219VSS }+ \text { NMX24.3.31 }}$ | 1 | \$1,085.00 | 58\% | \$455.70 |
| B219VSS+NMX24-MFT-X1 | Belimo | 344, 2.Way,SS Body, SS T Tim, Cr3o with Non-Sping Reumm,90 in-1, MFT, 24V | B219VSS+NWX24.MF-X1 | 1 | \$1,345.00 | 58\% | \$564.90 |
| B2IVSSS+SY-110 | Belimo |  | ${ }^{\text {B2IPVSS }+ \text { SY }}$-110 | 1 | \$1,744.00 | 58\% | \$732.48 |
| B219VSS+SY1-110P | Beimo |  | B219VSS+SY1-110p | 1 | \$3,845.00 | 58\% | 1,614.9 |
| 8219VSS+SY1-220 | Belimo |  | 3219vss+SY1-220 | 1 | \$1,744.00 | 58\% | 32.48 |
| B219VS+SY1-220 | ders |  | B219vSS+SYY-220 | 1 | \$3,845.00 | 58\% | \$1,614.90 |
| B219VSS+SY1-24 | Belimo |  | 19vSS+SY1-24 | 1 | \$1,744.00 | 58\% | 332.48 |
| B2IVSSS+5Y1-24P | Belimo |  | B219vSS+SY1-24P | 1 | \$3,845.00 | 58\% | ,614.90 |
| B219VSS+SY2-110 | Belimo |  | B219vSS+SY2.110 | 1 | \$3,049.00 | 58\% | \$1,280.58 |
| B219VSS+SY2-120MET | Belimo | 344, 2.Way,SS Body, SS Timm, Cr3O with Non.Spring Reuun, 801 in-1b, MFT, 120V, NEMA 4X | B219VSS+SY2-120MFT | 1 | \$5,342.00 | 58\% | \$2,243.64 |
| B219vSS+5Y 2220 | Belimo |  | B219VSS+5v2.220 | 1 | \$3,049.00 | 58\% | ,280.58 |
| B219VSS+SY̌2303met | Belimo | 344, 2.Way,SS Body, SS Tim, Cr30 with Non-Spring Reuun, 8001 in-lb, MFT, 230V, NEMA AX | B219VSS+SY̌2380MeT | 1 | \$5,342.00 | 58\% | 2,243,64 |
| B219vSS+SY2.24 | Beimo |  | 3219vSS+SY2-24 | 1 | \$3,049.00 | 58\% | \$1,280.58 |
| B219VSS+SY̌2-24MFT | Belim |  | B219VSS+SY2-24MFT | 1 | \$5,342.00 | 58\% | \$2,243.64 |
| B224VSS+AFB24×1 | Belimo | 34; 2.Way,SS Body, SS Tim, Cuso with Sping Reum, 1880 in-1, Onotit,24V | B224VSS+AB824×1 | 1 | \$1,233.00 | 58\% | \$517.86 |
| B224VSS+AFBUP.S. $\times 1$ | Belimo |  | B224VS+AFEUP-S. $\times 1$ | 1 | \$1,387.00 | 58\% | \$582.54 |
| B224VS + AFEUP. x $_{1}$ |  |  | B224VSSAFEbup.x1 | 1 | \$1,295.00 | 58\% | \$543.90 |
| B224VSS+AFK24.MFT95.x1 | Belimo |  | B224VSSAAFX24.METT9-×1 | 1 | \$1,674.00 | 58\% | \$703.08 |
| B224USS+AFX24-MF-S. $\times 1$ | Belimo | 344" 2.Way,SS Bady, SS Tim, Cuso with Spring Reumm, 180 inibl, MF, ,24V | B224VSS+AFF24-MFT-S. ${ }^{\text {a }}$ | 1 | \$1,722.00 | 58\% | \$723.24 |
|  | Belimo |  |  | 1 | \$1,652.00 | 58\% | \$693.84 |
| B224VSS+AMB24-3.1 | Belimo |  | B224VS+AMB24-3.1 | 1 | \$1,133.00 | 58\% | \$475.86 |
| ${ }^{\text {B224VS }+ \text { AM } \times 24.3 \times 1}$ | Beimo |  | B224VSS+AMX24.3. ${ }^{\text {P }}$ | 1 | \$1,133.00 | 58\% | \$475.86 |
| B224VSS+AMX24.MFT99.x1 | Belimo |  | B224VSSAMX24.MFT95.x1 | 1 | \$1,345.00 | 58\% | \$564.90 |
| B224USSAAMX24MFT-X1 | Belimo |  | B224VSS+AMX24MF--X1 | 1 | \$1,425.00 | 58\% | \$598.50 |
| ${ }^{\text {B224VSS+SY }}$-110 | Belimo |  | ${ }^{\text {B224VSS }+5 Y}$ Y-110 | 1 | \$1,830.00 | 58\% | \$768.60 |
| B224VSS+SY1-1100 | Belimo |  | B224VSS+SY1-110p | 1 | \$3,931.00 | 58\% | \$1,651.02 |
| B224VSS+SY1-220 | Belimo |  | B224VSS+SY1-220 | 1 | \$1,866.00 | 58\% | \$783.72 |
| B224VSSSY1-220P |  |  | B224VSS+SY-220 | 1 | \$3,969.00 | 58\% | \$1,666.98 |
| B224VSS+SY1-24 | ders |  | B224USS+SY-24 | 1 | \$1,830.00 | 58\% | \$768.60 |
| B224VS+SYY-24P |  |  | B224VS+SYY-24P | 1 | \$3,931.00 | 58\% | \$1,651.02 |
| B224VS+SYY-110 |  |  | 3224VSS+SY2-110 | 1 | \$3,133.00 | 58\% | \$1,315.86 |
| B224SSS+SY2-120MFT | Belimo |  | B2a4VSS+SY2-120MFT | 1 | \$5,429.00 | 58\% | 80.18 |
| 3224VSS+SV2-220 | Belimo |  | 3224VSS+SV2.220 | 1 | \$3,169.00 | 58\% | \$1,330.98 |
| B224VSS+SY2-230MFT | Beimo |  | B2a4VS+SY2-230MFT | 1 | \$5,429.00 | 58\% | 2,280 |
| B224VSS+5V2.24 | Beimo |  | B224USS+FY2.24 | 1 | \$3,133.00 | 58\% | \$1,315.86 |
| B224VSS+5Y2-24MFT |  |  | B224VSS+SV2-24MFT | 1 | \$5,429.00 | 58\% | \$2,280.18 |
| B232VSS+2'AFB24×1 | Belimo |  | B232VSS+2:AFB24×1 | 1 | \$2,241.00 | 58\% | 941.22 |
| B232VSS+2AFEbUP. $\cdot \times 1$ | Belimo |  | B232VS +2 2AFEbup. $\times$ x 1 | 1 | \$2,456.00 | 58\% | \$1,031.52 |
| B232VSS+2:AFBup.x1 |  |  | B232VSS+2'AFBuP.x1 | 1 | \$2,361.00 | 58\% | 991.6 |
| B832VSS+2:AFX24.MF-S. $\times 1$ | Belimo |  | B232vSS+2'AF×24-MT-T. $\times 1$ | 1 | \$3,191.00 | 58\% | \$1,340.22 |
| B232VSS+2'AFX24-MF--x1 | Belimo |  | B232VSS +2 PAFX24MFT-X1 | 1 | \$3,093.00 | 58\% | \$1,299.06 |
| B232VSS+AFB24*1 | Belimo | 1/2, 2.Way, SS Body, SS Tim, Cu15 with Sping Relum, 180 indib, Onolit, 24 V | B232VSSAAFB24×1 | 1 | \$1,724.00 | 58\% | \$724.08 |
| B232VSS+AFBUPP.S. x1 | limo |  | B232VSS+AFEUP.S. $\times 1$ | 1 | \$1,883.00 | 58\% | 90.86 |
| B232VSS + Afebup.x1 | Belimo |  | B222VSSS+AFBUP.X1 | 1 | \$1,786.00 | 58\% | \$750.12 |
| E232VSS+AFX24-MFTT5-X1 | Belimo |  | B232VSS+AFX24-MFTT95.X1 | 1 | \$2,225.00 | 58\% | \$934.50 |
| E232VSS+AFK24.MF--sx1 | Belimo |  | B232VSS + AFX24-MFT- $-\times 1$ | 1 | \$2,297.00 | 58\% | \$964.74 |
|  | Belimo |  |  | 1 | \$2,201.00 | 58\% | \$924.42 |
| B232VSS+AMB24.3.1 | Belimo |  | B232VSS+AMB24-3.1 | 1 | \$1,561.00 | 58\% | \$655.62 |
| B232VSS+AnX24.3. $\times 1$ | Beimo |  | 232VSS+AMX24.3.1 | 1 | \$1,499.00 | 58\% | 29.58 |
| B232VSS+AMX24.METT95.x1 | Belimo |  | B232VSS+AMX24.MFT95-×1 | 1 | \$1,804.00 | 58\% | \$757.68 |
| B232VSSAMX24.MFT-X1 | Belimo | 1-1/14, 2-Way,SS Bady, SS Tim, Cu88 with No.SPring Retur,180 in-Ib, MFT, 24V | B232VSS+AMX24MFT-X1 | 1 | \$1,852.00 | 58\% | \$777.84 |
| B232VSS+SYY-110 | Belimo |  | B232VSS+SYY-110 | 1 | \$2,251.00 | 58\% | \$945.42 |
| B232VSS+5Y1-110P | Belimo |  | B232VSS+SYY-110P | 1 | \$4,352.00 | 58\% | \$1,827.84 |
| 8232VSS+SY1-220 |  |  | 8232VSS+SY1-220 | 1 | \$2,287.00 | 58\% | 960.54 |
| B232VSS+SY1-2200 | Belimo |  | 8232VSS+SYY-220P | 1 | \$4,386.00 | 58\% | \$1,842.12 |
| B232VSS+SY1-24 |  | 2.Way,SS Body, SS Tim, Cu48 with Non-Sping Reumm,310 in-1b, Onolt,24V,NEMA 4x | B232VSS+SY1-24 | 1 | \$2,251.00 | 58\% | \$945.42 |
| B232VSS+SYY-24P |  | 1-1/14, 2.Way,SS Body, SS Tim, Cu48 with Non-Sping Reuun,310 in-1, ,2-10 VCC, 24V,NEMA 4X | B232VSS+5Y1-24P | 1 | \$4,352.00 | 58\% | \$1,827.84 |
| B232VSS+SY2-110 | Belimo |  | B232SSS+SY2.110 | 1 |  | 58\% |  |
|  | Belimo |  |  |  |  |  |  |
| B232VSS+S52-120MFT | Belimo | 1.1144, 2.Way,SS Body, SS TTim, Cu48 with Son-Sping Retur, 801 in-l, MFT, 120V,NEMA 4 X | B232VSS+SY2-120MFT | 1 | \$5,949.00 | 58\% | \$2,498.58 |
| E232VSS+SY2-220 |  |  | B232VSS+5V2.220 | 1 | \$3,687.00 | 58\% | \$1,548, |
| B232VSS+SY2-230MFT |  |  | B23VSSS+SY2-230MFT | 1 | \$5,949.00 | 58\% | \$2,498.58 |
| B232VSS+SY2:24 |  |  | 2322vSS+sy2.24 | 1 | \$3,652.00 | 58\% | \$1,533.84 |
| B232VSS+SY2-24MFT |  |  | B232VSS+SV2-24MFT | 1 | \$5,949.00 | 58\% | \$2,498.58 |

The scope of this contract includes the following
Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated icroprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems

Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
Integrated BAS/EMS/IItegrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor
Controled HVAC Equipment using a device including, but not limited to a ret Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 , b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

It Interat Microprot -Based HVAC Equipment;

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxia \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. Genen Purpe

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To comunicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency

| Hodes Number |  | Oitce Dessiriplion | al code | $\begin{gathered} \text { "Warranty Period - \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54 \text { " } \end{gathered}$ | Ist Pice | \% Discount | Nrs Nel Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B239VS $+2^{2}$ AFB24×1 | Belimo | \|2", 2.Way,SS Bady, SS Tim, Cu15 with Sping Retur, 180 in-b, ,Onotit,24V | B239VS+2.APE824*1 | 1 | \$2,364.00 | 58\% | \$992.88 |
|  | Beli |  |  | 1 | \$2,580.00 | 58\% | \$1,083.60 |
|  | Belimo |  | B239VS $+2^{2}$ AFEUP-x1 | 1 | \$2,483.00 | 58\% | \$1,042.86 |
| B239VSS+2AFFX24MFT95.x1 | Belimo |  | B239VSS+2AFFX24MFTT95.x1 | 1 | \$3,250.00 | 58\% | \$1,365.00 |
| B239VS +2 PAFX24.MFT-S. $\times 1$ | Belimo |  | B239VSS+2A-AF24-MFT-S. $\times 1$ | 1 | \$3,347.00 | 58\% | \$1,405.74 |
| B239VSSt2'AFP24-MFT- $\mathrm{X}_{1}$ | Belimo |  | B239VSSt2'AFX24-MFT- $\mathbf{x}_{1}$ | 1 | \$3,334.00 | 58\% | \$1,400.28 |
| B239VS $+6 \mathrm{mB} 24.3 .3 \times 1$ | Belimo |  | ${ }^{\text {B239VS }+ \text { GME324.3.x1 }}$ | 1 | \$1,888.00 | 58\% | \$792.96 |
| B239VSS+GMX24-MFT-X1 | Belimo |  | B239VS+GMx24-MFT-X1 | 1 | \$2,040.00 | 58\% | \$856.80 |
| B239VSS+5Y-110 | Beimo |  | B239VS+SYY-110 | 1 | \$2,375.00 | 58\% | \$997.50 |
| B239VSSSYY-110P | Belimo |  | B23vSSS+SYY-110P | 1 | \$4,478.00 | 58\% | \$1,880.76 |
| 233VSS+SY1-220 | Belimo |  | B239vS+SYY-220 | 1 | \$2,408.00 | 58\% | \$1,011.36 |
| B239VS+SY1-220P | Belimo |  | B239vSS+SY1-220p | 1 | \$4,512.00 | 58\% | \$1,895.04 |
| B239VSS+SY1-24 | Belimo |  | B239VSS+SY1-24 | 1 | \$2,375.00 | 58\% | \$997.50 |
| 8239VSS+5Y1-24P | Belimo |  | 8239VSS+SV1.24P | 1 | \$4,478.00 | 58\% | \$1,880.76 |
| B239VSS+SY2-110 | Beimo |  | B239Vss+SY2-110 | 1 | \$3,777.00 | 58\% | \$1,586.34 |
| B23VSS+SY2-120MFT | Belmo |  | B239VS + SY 2 -120MFT | 1 | \$6,075.00 | 58\% | \$2,551.50 |
| B239VSS+SY2-220 |  |  | 39VSS+5S2-220 | 1 | \$3,815.00 | 58\% | \$1,602.30 |
| B239VSS+SY2:230MFT | Belim |  | B23vSS+SY2:230MFT | 1 | \$6,075.00 | 58\% | \$2,551.50 |
| B239vSS+5y2.24 | Belimo |  | B2399SS+5y2.24 | 1 | \$3,777.00 | 58\% | \$1,586.34 |
| B239VSt+5V2-24MFT | Belimo | 1.112', 2-Way, SS Body, SS Tim, Cv84 with Non-Sping Retum, 801 in-Ib, MFT, 24V,NEMA 4X | B239VSStSY2.24MFT | 1 | \$6,075.00 | 58\% | \$2,551.50 |
| B24VSS+2:AFB24×1 | Belimo |  | B24vSS $+2^{2}$ AFB24. ${ }^{\text {a }}$ | 1 | \$2,684.00 | $58 \%$ | \$1,127.28 |
| B24VVS + 2'AFEBUPS. $\times$ x | Belimo |  | 324VSSS+2'AFBup-s.x1 | 1 | \$2,895.00 | 58\% | \$1,215.90 |
| 249VSS+2:AFBUP-x1 | Belimo |  | B24VSS +2 AFEbup $\times 1$ | 1 | \$2,805.00 | 58\% | \$1,178.10 |
|  | Belimo |  | B299VSS+2-AF22-METT95-×1 | 1 | \$3,526.00 | 58\% | \$1,480.92 |
|  | Belimo |  |  | 1 | \$3,598.00 | 58\% | \$1,511.16 |
| B249VSSt2AAF 2 24MFT. $\mathrm{X}_{1}$ | Belimo |  | B249VSSt2'AFX24MFT- $\mathbf{x}_{1}$ | 1 | \$3,504.00 | 58\% | \$1,471.68 |
| B249VSS +2 'GME24.3. $\times 1$ | Belimo | $2^{\prime \prime}$ RED PORT 2W BV, ARSS, CV=108 with Non-Sping Retur,360 in-lb, Onotiffloaing, 24V |  | 1 | \$2,754.00 | 58\% | \$1,156.68 |
| B249VSS+2*GMX24-MFT-X1 | Belimo | $2^{2}$ R RED PORT 2W BV, ARSS, CV=108 with Non-Spring Reumr,360 in-b, MFT, 24 | B249VSS+2*GMX24-MFT-X1 | $\begin{aligned} & 1 \\ & 1 \end{aligned}$ | \$3,063.00 | 58\% | $\$ 1,286.46$ |
|  | Belimo |  |  |  |  |  |  |
| $\begin{gathered} \text { B249VSS+GMX24-MFT-X1 } \\ \text { B249VSS+SY2-110 } \end{gathered}$ | Belimo | 2" RED PORT 2W BV, ARSS, $\mathrm{Cv}=108$ with Non-Spring Return, $360 \mathrm{in}-\mathrm{lb}$,MFT, 24 V 2 2" RED PORT 2 W BV, ARSS, $\mathrm{Cv}=108$ with Non-Spring Return, 801 in-lb ,On/Off, 120V,NEMA 4X | B249VSS+GMX24-MFT-X1 B249VSS+SY2-110 | $\begin{aligned} & 1 \\ & 1 \end{aligned}$ | $\$ 2,361.00$ $\$ 4,106.00$ | $58 \%$ $58 \%$ | $\begin{array}{r} \$ 991.62 \\ \$ 1,724.52 \end{array}$ |
| B249VSS+SY2-120MFT | Belmo |  | B24VSSS+SY2-120MFT | 1 | \$6,399.00 | 58\% | \$2,687.58 |
| 24VSSS+SY-220 | Bermo |  | Sr2.220 | 1 | \$4,139.00 | 58\% | \$1,738.38 |
| B249VSS+SY2-230MFT | Belimo |  | B299VSS+Sv2-230MFT | 1 | \$6,399.00 | 58\% | \$2,687.58 |
| 324vSS+SY2.24 | Belimo |  | B249VSS+sY2-24 | 1 | \$4,106.00 | 58\% | \$1,724.52 |
| B24vSS+SV2-24MFT |  |  | B299VSs+SY̌-24MFT | 1 | \$6,399.00 | 58\% | \$2,687.58 |
| B265VS+2'GK<24MFT-X1 | Belimo |  | B265VS+2'GK<24MFT-X1 | 1 | \$6,685.00 | 58\% | \$2,807.70 |
| B265VSS+2'GM324.3.1 | Belimo |  | B265VSS+2'GMB24.3.1 | 1 | \$6,330.00 | 58\% | \$2,658.60 |
|  | Belimo |  | B265VSS+2'GMX24-MFT-X1 | 1 | \$6,641.00 | 58\% | \$2,789.22 |
| B265VSS+5Y 3110 | , |  | B265VSS+SY3.110 | 1 | \$8,008.00 | 58\% | \$3,366.36 |
| B265VSS+SY3-120MFT | Beimo |  | B265VSS+SY3 -120MFT | 1 | \$10,251.00 | 58\% | \$4,305.42 |
| B265vSS+SY3220 |  |  | B265VSS+SY3.220 | 1 | \$8,046.00 | 58\% | \$3,379.32 |
| B265VSS+SY3-230MFT | Belmo |  | B265VSS+SY3-230MFT | 1 | \$10,251.00 | 58\% | \$4,305.42 |
| 265VSS+SY3.24 |  |  | 3265VSS+SY3.24 | 1 | \$8,008.00 | 58\% | \$3,363.36 |
| B265vSt+8Y3-24MFT | Belimo |  | B265VSS+SY3-24MFT | 1 | \$10,251.00 | $58 \%$ | \$4,305.42 |
| B280VSS+SY3-110 | Beimo |  | B280VSS+SY3.110 | 1 | \$8,595.00 | 58\% | \$3,609.90 |
| B280VSS+SY3-120MFT | Belimo |  | B280VSS+SY3-120MFT | 1 | \$10,835.00 | 58\% | \$4,550.70 |
| B880vS++5Y-220 |  |  | B880vSS+5Y.220 | 1 | \$8,630.00 | 58\% | \$3,624.60 |
| B280VSS+SY3-230MFT | , |  | B280VSS+SY3-230MFT | 1 | \$10,835.00 | 58\% | \$4,550.70 |
| B280VSS+SY3:24 |  |  | B280VSS+SY3.24 | 1 | 88,595.00 | 58\% | \$3,609.90 |
| B280VSS+SY3-24MFT |  |  | B280VSS+SY3-24MFT | 1 | \$10,835.00 | 58\% | \$4,550.70 |
|  | Belimo |  | F6100-150SHP+2-AFBUP.S. $\times 1$ | 1 | \$4,149.00 | 58\% | \$1,742.58 |
|  | 。 |  | F6100-150SHP+2 $2^{2}$ AFEUP-X1 | 1 | \$4,062.00 | 58\% | \$1,706.04 |
|  | 。 |  |  | 1 | \$4,383.00 | 58\% | \$1,840.86 |
| F6100-150SHP +2 PAFX24 MMFT-X1 |  |  | F6100-15SHHP +2 PAFX24-MFT- $\mathbf{x}_{1}$ | 1 | \$4,183.00 | 58\% | \$1,756.86 |
|  | Belimo |  |  | 1 | \$5,932.00 | 58\% | \$2,491.44 |
| F6600-150SHP +2 'GMx $24.3 \times 1$ |  |  | F6600-150SHP+2'6Mx24.3. $\times 1$ | 1 | \$3,923.00 | 58\% | \$1,647.66 |
| F6100-150SHP $2^{2}$ 'Gux24-MF--X1 | Belimo |  | F6100-150SHP $+2^{2}$ GMX24-MFT-X1 | 1 | \$4,271.00 | 58\% | \$1,793.82 |
| F6600-150SHP+GKX24-MF-X1 | Belimo | $3^{\prime \prime} 2 \mathrm{~W}$ FLLANGED BV, G4000, CV=600 with Electronic Fali.Sale,360 in-Ib, MFT, 24V |  | 1 | \$4,673.00 | 58\% | \$1,962.66 |
| F6600-150SHP + Gm824.3. $\times 1$ | Belimo | $3^{3} 2 \mathrm{~W}$ FLLANGED BV, G4000, CV=600 with Non-Spring Reumm,36 in-lb, Onotiffloaing,24V | F6100-150SHP + GM $324.3 \times 1$ | 1 | \$3,694.00 | 58\% | \$1,551.48 |
| F6100-150SHP+GMCB24.3.7. $\times 1 \times 1 \mathrm{NAH}$ |  | 2 2.Way SHP PFV, 316 SS Disc, 4 ", Cr 2484451 Seat Material RTEE ASME ANSI Class 150 with | F6100-150SHP+GMCB24.3.7-61 N4H | 1 | \$5,140.00 | 58\% | \$2,158.80 |
| F6100-150SHP+GMCX24.3.T. $\times 1$ N | Belimo |  | F6100. $1505 \mathrm{SH}+$ +GMCX24.3.-.x1 N4 | 1 | \$4,782.00 | 58\% | \$2,008.44 |
| F6100-150SHP+GM $\times 2$-M-MF-T-X1 ${ }^{\text {N4 }}$ | Belimo |  | F6100-15SSHP+GMX24.MFT-T.-1 N4 | 1 |  |  |  |
|  | Belimo |  |  |  |  |  | \$2,099.58 |
| F6100-150SHP + GMX24.MFT-T-X1 NaH | Belimo |  | F6100-150SHP+GMX24.MFT-T-X1 NAH | 1 | \$5,357.00 | 58\% | \$2,249.94 |
| F6100-150SHP+GMX24-MTT-X1 | Belimo |  | F6100-150SHP+GMX24.MF-.X1 | 1 | \$3,811.00 | 58\% | \$1,600.62 |
| F6100-150SHP+SY 2 -110 | Belimo | 2.Way SHP BFV, 316 SS Disc, 4", Cr 2484451 Seat Material RTFE ASME Class 150 with Non- | F6100-150SHP+SY2-110 | 1 | \$5,463.00 | 58\% | \$2,294.46 |
| F6100-150SHP+SY2.120MFT |  | 2.Way SHP BFV, 316sS Disc, 4" Cr 2884451 Seat Materil RTTEE ASME Class 150 with Non- | F6100-150SHP-SY2-120MFT | 1 | \$7,258.00 | 58\% | \$3,048.36 |
| F6100-150SHP+SY2.220 | Belimo |  | F6100-150SHP+SY2.220 | 1 |  | 58\% |  |
|  | Belimo | (ent |  |  | \$5,463.00 | 58\% | \$2,294.46 |
| F6100-150SHP+SY2-230MFT | Belimo |  | F6600-150SHP+SY2.230MFT | 1 | \$7,258.00 | 58\% | \$3,048.36 |
| F6100-150SHP+SYY 24 | Belimo |  | 100-150SHP+ 5 SV2.24 | 1 | \$5,463.00 | 58\% | \$2,294.46 |
| F6100-150SHP+SY2-24MET |  |  | F6100-150SHP+SYY2-24MFT | 1 | \$7,258.00 | 58\% | \$3,048.36 |
|  | Beli |  |  | 1 | \$4,410.00 | 58\% | \$1,852.20 |
| F6100:300SHP $2^{2}$ AFEUP. $\times 1$ |  | 2.Way SHP BFV, $3165 S$ Disc, 4", Cru 451 Seat Material RTFE ASME Class 300 with Sping | F6100-300SHP+2'AFBUP.X1 | 1 | \$4,323.00 | 58\% | \$1,815.66 |
| F6100:30SSHP+2-AFX24-MFT-X1 | Belimo | Rection | F6100-300SHPP+2-AFX24-MFT-X1 | 1 | \$4,445.00 | 58\% |  |
|  | Belimo |  |  |  |  |  | \$1,66.90 |
| F6100-300SHP+2 ${ }^{2}$ GKK24-MF-X1 | Belimo |  | F6100:300SHP+2'CGKX24-MFT-X1 | 1 | \$6,192.00 | 58\% | \$2,600.64 |
|  |  | 2-Way SHP BFV, 316SS Disc, 4", Cv 248/451 Seat Material RTFE ASME Class 150 with NonSpring Return, 360 in lb, On/Off/Floating, 24V |  | 1 | \$4,300.00 | 58\% | \$1,806.00 |

The scope of this contract includes the following:
Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated hicroprocessor-Controled HVAC Equipment in a building or faciiity. Building Management Systems and Builing Control Sytems are also subcategories of Building Automation Systems.
3. Itegrated Microprocessor-Controlld HVAC Eqjes

Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and , Sy Ster to allow the Building Automation System or Energy Management System to monitor the performance of these commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor
Controlled HVAC Equipment using a device including, but not limited to, a reter Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, etc.) to communicat.
platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
inte

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxia \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. Gend ind

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Model Number |  | rooduct Descripition | Product Code | Narranty Period - \# of year(s) after |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | List Price | s50me | NS Nal Pirice |
| F6100:300SHP+2 ${ }^{2}$ GMX24-MF-X1 | Belimo | 2.Way SHP BFV, $3165 S$ Disc, 4", Cv 2484451 Seat Material RTFE ASME Class 150 with Non- | F6100:300SHP+2'GMX24.MF-×1 | 1 | \$4,532.00 | 58\% | \$1,903.44 |
| F6100.300SHP+GKX24-MF-X1 | Belimo |  | F6100-305SHP+GKX24.MF-X1 | 1 | \$4,903.00 | 58\% | 2,059.26 |
| F6100:300SHP + GM ${ }^{\text {2 }}$ 2 3 . $\times 1$ | Belimo |  | F6100:300SHP + GMB224.3. $\times 1$ | 1 | \$3,938.00 | 58\% | \$1,653.96 |
| F6100:300SHP $+\mathrm{GMCB24-3.7}$. $\times 1$ N4 | Belimo |  | F6100-305SHP+GMC824-3.7.x1 N4 | 1 | \$5,381.00 | 58\% | \$2,260.02 |
| F6100:300SHP + GMCB224.3.-7x 1 N4H | Belimo |  |  | 1 | \$5,739.00 | 58\% | 10.38 |
|  | Belimo |  | F6100:300SHP+GAM 2 24MFT. T - $\times 1$ N N | 1 | \$5,603.00 | 58\% | 353.26 |
| F6100:30SHHPGMM24-MET-T.-X1 N4H | Belimo |  | F6100.300SHP+GMM24.MFT-T-X1 N4H | 1 | \$5,961.00 | 58\% | \$2,503.62 |
| F6100.300SHP+GMX24-MFT-X1 | Belimo |  | F6100-30SSHPGMX24.MF-X1 | 1 | \$4,053.00 | 58\% | \$1,702.26 |
| F6100-300sHP+SY2-110 | Belimo |  | F6100.300SHP+SY $2 \cdot 110$ | 1 | \$5,725.00 | 58\% | \$2,404.50 |
| F6100:30SHP+SY2. 20 M -T | Belimo |  | F6100:300SHP+SY2.120MFT | 1 | \$7,520.00 | 58\% | 3,158.40 |
| 100.300SHP+SY2.220 | Belimo |  | F660-300sHP+SY2-220 | 1 | \$5,725.00 | 58\% | \$2,404.50 |
| F6600:30SHP+SY2-230MFT | Belimo |  <br>  | F6100:300SHP+SY2-230MFT | 1 | \$7,520.00 | 58\% | \$3,158.40 |
| F6600:300SHP+SY 2.24 | Belimo |  | F6100:300SHP+SYY2.24 | 1 | \$5,725.00 | 58\% | 4.50 |
| F6100.300SHP+SY2-24MFT | Belimo |  | F6100.300SHP+SY2.24MFT | 1 | \$7,520.00 | 58\% | 8. 40 |
| F6100H++2'GK<24-MF- $\mathrm{X}_{1}$ | Belimo |  | F6100HD+2'GK<24-MF->1 | 1 | \$3,225.00 | 58\% | .354.50 |
|  | Belimo |  | F6100HD+2'GMB24.3. $\times 1$ | 1 | \$1,394.00 | 58\% | \$585.48 |
| F6610HHD $2^{2}$ GMX24MFT-X1 | Beli |  | F610HHO+2'GMX24MFT-X1 | 1 | \$1,564.00 | 58\% | 656.88 |
| F6100HD+DKRB243.-TNAH | Belim |  | F6100HD+DKRB24.3.7 N4H | 1 | \$2,780.00 | 58\% | 167.60 |
| F61000-+ORBB24MFT-TNAH | Belim |  | F6100H+ORRB824MFT-T NAH | 1 | \$3,140.00 | 58\% | \$1,318.80 |
| F6100H+ + RKR $\times 24.3$-T | Belimo |  | F6100H+DRRX24.3.T | 1 | \$1,842.00 | 58\% | . 64 |
| F6100HD+CKRK24.3.7 N4 | Belimo |  | F6100H++0RR224.3. N 4 | 1 | \$2,422.00 | 58\% | 24 |
|  | Belimo |  | F6100HD+ORRX24.MFT-T | 1 | \$2,202.00 | 58\% | \$924.84 |
| F6100HD+DKRX24-MFT-TN4 | Belimo | 2-Way SHP BFV, 316SS Disc, $4^{\prime \prime}$, Cv 228/435 Seat Material RTFE ASME Class 300 with Electronic Fail-Sate MFT 24V NEMA 4 | F6100HD+DKRX24.MFT-TN4 | 1 | \$2,782.00 | 58\% | \$1,168.44 |
| F6100HD+DBB24.MFT.TNAH | Belimo | 2-Way DI BFV, SS Disc, 4 C CV 600, COP 200psis with Non-Spring Reumm,MFT, 244,NEMA 4H | F6100HO+PB824MFT. T N4H | 1 | \$2,301.00 | 58\% | 966.42 |
| F6100H+ORCB24.3.TN4H | Belimo |  | F6100H+ORCB24.3.TN4H | 1 | \$2,116.00 | 58\% | 88.72 |
| F6100H+PDRC 2 24.7 | Belimo |  | F6100H+DRRCX24.3.T | 1 | \$1,265.00 | 58\% | \$531.30 |
| F6100H+ + PRCX24.3.7 N | Belimo |  | F6100HD+PRCX24.3.7 N4 | 1 | \$1,758.00 | 58\% | . 36 |
| F6100HD+DRX24MFTT | Belimo |  | F6100HD+DRX24.MET-T | 1 | \$1,449.00 | 58\% | 8.58 |
| F6100HD+sY2.110 | Belimo |  | F6100HD+SY2-110 | 1 | \$2,467.00 | 58\% | \$1,036.14 |
| F6100HO+SY2-120MFT | Belimo | 2.Way SHP BFV, 3165 Siscors | F6100HO+SY2-120MFT | 1 | \$3,790.00 | 58\% | , 91.80 |
| F6600HD+SY2.220 | Belimo |  | F6100HD+SY2.220 | 1 | \$2,467.00 | 58\% | ,036.14 |
| F610HH+SY2-230MET |  | 2 2.Way SHP BFV, 3165 SS isc, | F6100H+SYY2-230MfT | 1 | \$3,790.00 | 58\% | \$1,591.80 |
| F6100H0-SY2.24 | Belimo |  | F6100HD+SY2.24 | 1 |  |  |  |
| , | Belimo |  | , |  |  |  | \$1,036.14 |
| F6100H+SSY2-24MFT | Belimo |  | F6100HD+SY2-24MFT | 1 | \$3,790.00 | 58\% | \$1,591.80 |
|  | Belimo |  |  | 1 | \$1,479.00 | 58\% | 1.18 |
| F6100HDU $2^{2}$ AFFBup. $\mathrm{X}_{1}$ | Belimo |  | F6100HDU +2 PAFBup-x1 | 1 | \$1,392.00 | 58\% | \$584.64 |
| F6600HDU+2'AFX24.MFT-X1 | Belimo |  | F6600HOU+2'AFX24MFT-X1 | 1 | \$1,691.00 | 58\% | \$710.22 |
| F6100HDU + DRX24MFT. TN4 | Belimo |  | F6100HDU + DRX24MFT-TN4 | 1 | \$1,943.00 | 58\% | 16.06 |
| F6100HDU + GKR $\times 24$ |  | 2.Way II IEF, SS Disc, $44^{\circ} \mathrm{CV}$ 600, COP 200psi with Electronic Fall-Sale, Onotiffloaing Point.24V | F6100HDU+GKRX243 | 1 | \$2,134.00 | 58\% | \$896.28 |
| F6100HOUGGKRX24.37 |  |  | F6100HDUGGKRX243.7 | 1 | \$2,134.00 | 58\% | \$896.28 |
| F6100HDUYGKR224-MTT | belimo |  | F6100HDUGGKRX24-MET | 1 | \$2,529.00 | 58\% | \$1,062.18 |
| F6100HDU_GKRX24MF-7 |  |  | F6100HDU + GKR×2-MF-7 7 | 1 | \$2,529.00 | 58\% | \$1,062.18 |
|  | Belimo |  | F6100HDU + GMB243.31 | 1 | \$857.00 | 58\% | 359.94 |
|  | Belimo |  |  |  |  |  |  |
| F6Toohdutanx24MF-XI | Belimo | 2.Way DIBFV, SS Disc, 4"CV 600, Cop 200psi wit Non-Spring Reumr,360 inb, ,MF, ,24V | F610HHU+GMX24-MF-. ${ }^{1}$ | 1 | \$937.00 | 58\% | \$393.54 |
| F6100HDU + GR824 ${ }^{\text {a }}$ | Belimo |  | F6600HOU + G8824 ${ }^{\text {a }}$ | 1 | \$853.00 | 58\% | \$358.26 |
| F6100HOU + GRB24.3.7 | elimo |  | F6100HOU + G8824.3.7 | 1 | \$853.00 | 58\% | \$358.26 |
| F6100HDU+GRB24MET-T NaH | Belimo |  | F6100HOUGGB24MFT-TNAH | 1 | \$2,020.00 | 58\% | \$888.40 |
|  | Belimo |  | F6100HDU'GGCB24.3. TNH | 1 | \$1,477.00 | 58\% | 20.34 |
| F610HHU+GRC2 24.3 . Na 4 | Belimo |  | F610HDU + GRC 2 24.3. TN 4 | 1 | \$1,529.00 | 58\% | 2.18 |
| F6100HDU'GR24-MFT | Belimo |  | F6100HDUGGRX24MFT | 1 | \$932.00 | 58\% | \$391.44 |
| F6100HOUGGRX24.MFT-7 | Belimo |  | F6100HUUGRX24-MFT-7 | 1 | \$932.00 | 58\% | \$391.44 |
| F6100HOUGGRX24MFT-TN4 | Belim | ${ }^{2}$-Way 118 EVV, SS Disc, 4 " Cv 600, COP 2000ss with Non-Sping Reumr,MFT, 24V,NEMA 4 | F6600HDUGGRX24-MFT-TN4 | 1 | \$1,662.00 | 58\% | \$698.04 |
| F6100HDUHYY2.10 | Belimo |  | F6100HUU+SY2-110 | 1 | \$2,461.00 | 58\% | \$1,033.62 |
| F6100HDU+SY2-120MFT | Belimo |  | F6100HOU + SY2-120NFT | 1 | \$3,686.00 | 58\% | \$1,548.12 |
| F6100HDUHSY̌2220 | Belimo |  | F6100HDU+SY2-220 | 1 | \$2,461.00 | 58\% | \$1,033.62 |
| F6100HDU+SY2-230MFT |  |  | F6100HDU+SY2-230MFT | 1 | \$3,686.00 | 58\% | \$1,548.12 |
| F6100HDUUSV2.24 |  |  | F6100HDU+SY2-24 | 1 | \$2,461.00 | 58\% | \$1,033.62 |
| F6100HDU+SY2-24MFT |  |  | F6100HOU+SY2-24MFT | 1 | \$3,686.00 | 58\% | \$1,548.12 |
| F6100VIC+2'GKX24MFT-X1 | Belimo |  | F6100VIC+2'GKX24MFT-X1 | 1 | \$5,189.00 | 58\% | \$2,179.38 |
| F6100VC +2 'GMB24.3. $\times 1$ |  |  | F6100VC+2'GMB24.3. $\times 1$ | 1 | \$4,070.00 | 58\% | \$1,709.40 |
| F610VIC+2'GMX24.MF--x1 | ${ }_{\text {Belimo }}$ |  | F6100VIC+2'Gux24MF--x1 | 1 | \$4,249.00 | 58\% | \$1,784.58 |
| F6100VIC+SY2-110 |  |  | F6100V1C+SY2-110 | 1 | \$3,280.00 | 58\% | \$1,377.60 |
| F6100VIC+SY2-120MFT |  | 2 -way grooved BFV, 4", COP 200psi with Non.Sping Reumm, 800 in-lb, MFT, 120V,NEMA 4 X | F6100VIC+SY2-120MFT | 1 | \$4,657.00 | 58\% | \$1,955.94 |
| F6100V1C+SY2-220 |  |  | F6100V1C+SY2-220 | 1 | \$3,280.00 | 58\% | \$1,377.60 |
| F6100VIC+SY2-230MFT |  |  | F6100VIC+SY2-230MFT | 1 | \$4,657.00 | 58\% | \$1,955.9 |
| F6600Vic+Sy2.24 |  |  | F6600ViC+SY2.24 | 1 | \$3,280.00 | 58\% | \$1,377.60 |
| F6100VIC+SY2.24MFT |  | 2.way groved BFV, 4, COP 200si with Non.Sping Reum, 801 in-Ib, MFT, 24V,NEMA $4 \mathrm{4X}$ | F6100VIC+SV2-24MFT | 1 | \$4,657.00 | 58\% | \$1,955.94 |
| F6125-150SHP+SY2-110 |  | 2.Way SHP BFV, $3165 S$ Disc, 5 ", Cr 3927714 Seal Materal RTFE ASME Class 150 with Non- | F6125-150SHP+SY $2 \cdot 110$ | 1 | \$6,807.00 | 58\% | \$2,858.9 |
| F66125-150SHP+SY2-120MFT | Belimo | Stisper | F66125-150SHP+SY2-120MET | 1 | \$8,602.00 | 58\% | \$3,612.84 |
|  | Belimo | Spring Reum, 0001 in-lb MET, ,120V, NEMA 4 A |  |  |  |  |  |
| F6125-150SHP+SYY-220 | Belimo |  | F6125-150SHP+SY2-220 | 1 | \$6,807.00 | 58\% | \$2,858.94 |
| F6125-15SHPP+SY2-230MFT | Belimo |  | F6125-150SHP+SY2-230MFT | 1 | \$8,602.00 | 58\% | 2.84 |
| F66125.150SHP+SY2.24 |  |  | F66125.150SHP+SY2.24 | 1 | \$6,807.00 | 58\% | \$2,858.94 |
|  |  |  |  |  |  |  |  |

The scope of this contract includes the following:
Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated
Microprocessor-Controlled HVAC Equipment in a building or facility, Building Management Systems and Buiding Control Systems are also subcategories of Building Automation Systems iicroprocessor-Controled HVAC Equipment in a building or facility. Building Management Systems and Building Controf Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mouted Inctledl Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integr
products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, Fire Alarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, etc.) to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated platforms/systems.
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 , b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and of Integrated Microprocessor-Based HVAC Equipment;

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtub showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxia \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpors, Telecommumicaions, Networking Cabling, hier optics (e.g. phone, pbx, digitar centrex, digital key systems, television, cable, A-Line, general broadband,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Hodes Mumber |  | al Desaripion | Nal Code | $\begin{gathered} \text { "Warranty Period - \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54 " \end{gathered}$ | Lus Price | \% Disooumt | Wvs Nel Pr |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| F6125-150SHP+SY2.24MET | Belimo | 2.Way SHP BFV, $3165 S$ Disc, 5 , C Cu 392714 Seat Maleial RTFE ASME Class 150 with Non- | F6125-150SHP-SY2.24MFT | 1 | \$8,602.00 | 58\% | \$3,612.84 |
| F6125-300SHP+SY 2 -110 | Belim |  | F6125-300sHP+SY2-110 | 1 | \$7,506.00 | 58\% | \$3,152.52 |
| F6125-300SHP+SY2-120MFT | Beimo |  | F6125-300SHP+SY2:120MFT | 1 | \$9,303.00 | 58\% | \$3,907.26 |
| F6125.300SHP+SY̌2220 | Belimo |  | F6125-300SHP+SY2-220 | 1 | \$7,506.00 | 58\% | \$3,152.52 |
| F6125.300SHP+SY2-230MFT | Belimo |  | F6125-300SHP+SY2-230MFT | 1 | \$9,303.00 | 58\% | \$3,907.26 |
| F6125-300SHP+SY2.24 | Belimo |  | F6125-300SHP+SY2.24 | 1 | \$7,506.00 | 58\% | \$3,152.52 |
| F6125.30SHPPSYY2.24MET | Belimo |  | F6125-300SHP+SY2.24MFT | 1 | \$9,303.00 | 58\% | \$3,907.26 |
| F6125.300sHP+SY\%3.110 | Belimo |  | F6125-305SHP +SY 3.110 | 1 | \$7,744.00 | 58\% | \$3,252.48 |
| F6125.300SHP+SY3-120MFT | Belimo |  | F6125-300SHP+SY3.120MFT | 1 | \$9,550.00 | 58\% | \$4,011.00 |
| F6125.305SHP + YY 3.220 | Belimo |  | F6125-305SPP+SY3.220 | 1 | \$7,744.00 | 58\% | \$3,252.48 |
| F6125.300SHP+SY3/230MFT | Belimo |  | F6125-300SHP+SY/3230MET | 1 | \$9,550.00 | 58\% | \$4,011.00 |
| F6125.300SHP+SY3 24 | Belimo |  | F6125-300SHP+SY3-24 | 1 | \$7,744.00 | 58\% | \$3,252.48 |
| F6125.300SHP+5Y3-24MFT | Belimo |  | F6125-3005HP+SY3.24MFT | 1 | \$9,550.00 | 58\% | \$4,011.00 |
| F6125HD+SY2-110 | Belimo |  | 125HH-SY2.11 | 1 | \$3,117.00 | 58\% | \$1,309.14 |
| F6125H+SY2-120MET | Belimo |  | F6125HD+SY2-120MFT | 1 | \$4,456.00 | 58\% | \$1,871.52 |
| F6125HD+SV2.220 | Belimo |  | F6125HD+SY2.220 | 1 | \$3,117.00 | 58\% | \$1,309.14 |
| F6125HD+SY2.230MET | Belimo |  | F6125H++SY2.230MFT | 1 | \$4,456.00 | 58 | \$1,871.52 |
| F6125H+SY ${ }^{\text {2 } 24}$ | Belimo |  | F6125H+SY ${ }^{\text {2 } 24}$ | 1 | \$3,117.00 | 58\% | \$1,309.14 |
| F6125HD+SY2-24MFT | Belimo |  | F6125HD+SY2.24MFT | 1 | \$4,456.00 | 58\% | \$1,871.52 |
|  | Belimo |  | F6125HOU $+2^{\text {PAFBUP }}$-S. $\times 1$ | 1 | \$1,556.00 | 58\% | 656.52 |
| F6125HDU +2 'AFBUP- $\mathrm{X}_{1}$ | Belimo |  | F6125HDU +2 PAFbup-x1 | 1 | \$1,469.00 | 58\% | \$616.98 |
| F6125HDU +2 'AFX24-MFT-×1 | Belimo |  | F6125HDU +2 PAFX24MFT-X1 | 1 | \$1,765.00 | 58\% | 741.30 |
| F6125HDU $G$ GKRX24.3 | Belimo |  | F6125HOU $G$ GKRX24.3 | 1 | \$2,236.00 | 58\% | \$939.12 |
| F6125HDU +GKRX24.3.7 | Belimo |  | F6125HDUTGKK 224.37 | 1 | \$2,236.00 | 58\% | \$939.12 |
| F6125HUUGKRX24MET | Beimo |  | F6125HUUGKRX24MFT | 1 | \$2,697.00 | 58\% | \$1,132.74 |
| F6125HDU+GKR24-MF-T-7 | Beimo |  | F6125HDUGGKRx24.MFT-7 | 1 | \$2,697.00 | 58\% | \$1,132.74 |
| F6125HDU+GMB2243. ¢ $^{1}$ | Beli |  | 6125HHUYGMB24.3. $\times 1$ | 1 | \$953.00 | 58\% | \$400.26 |
| F6125HDU+GMX24-MFT-X1 | Belimo |  | F6125HDU + GMX24-MF--X1 | 1 | \$1,037.00 | 58\% | \$435.54 |
| F6125HOU + GB824.3 | Belimo |  | F6125HOU + G8B24 ${ }^{\text {a }}$ | 1 | \$949.00 | 58\% | \$398.58 |
| F6125HHU GRB24.3.7 $^{\text {a }}$ | Belimo |  | F6125HDU+GRB24.3.7 | 1 | \$949.00 | 58\% | \$398.58 |
| F6125HDU GGB24-MFT.T NaH | Belimo |  | F66125HOUGGB824MFT-TN4H | 1 | \$2,006.00 | 58\% | \$842.52 |
| F6125HDUGGRCB24.3.TN4H | Belimo |  |  | 1 | \$1,535.00 | 58\% | \$644.70 |
| F6125HDU+GRCX243-T N4 |  |  | F6125HDUGGRCX24.3.T N4 | 1 | \$1,589.00 | 58\% | \$667.38 |
| F6125HDU + Gr $\times 24 \mathrm{MFT}$ | Belimo |  | F612SHOUGGRX24MFT | 1 | \$1,032.00 | 58\% | \$433.44 |
| F612HHOUGARX4-MFT-7 | Belimo | 2.Way II IFF, SS Disc, 5 " CV 1022, COP 50psi with Non-Spring Reum,Mer, 24V | F6612HHU+GRX24MET-7 | 1 | \$1,032.00 | 58\% | \$433.44 |
| F6125HDU+GR244MFT-TN4 | Beimo |  | F6125HHU+GRX24.MFT-T N4 | 1 | \$1,702.00 | 58\% | \$774.84 |
| F6125HOU+SY2.10 | Belmo |  | F6125HOU+SY2-110 | 1 | \$2,559.00 | 58\% | \$1,074.78 |
| F6125HDU_SY2-120MFT | o |  | F6125HDU-SY2-120MFT | 1 | \$3,782.00 | 58\% | \$1,588.44 |
| S6125HDU + SV2.220 |  |  | F6125HDU+SY2.220 | 1 | \$2,559.00 | 58\% | \$1,074.78 |
| F6125HDU_SV2-230MFT | elim |  | F6125HDU_SV2-230MFT | 1 | \$3,782.00 | 58\% | \$1,588.44 |
| F6125HDU+SS2-24 |  |  | F6125HDUUSS2-24 | 1 | \$2,559.00 | 58\% | \$1,074.78 |
| F6125HOUSY2-24MFT | Belimo |  | F6125HOU+SY2.24MFT | 1 | \$3,782.00 | 58\% | \$1,588.44 |
| F6125VIC+8Y3-110 |  |  | F6125VIC+SY3-110 | 1 | \$3,494.00 | 58\% | \$1,467.48 |
| F6125VIC+SY3-120MFT |  |  | F6125VIC+SY3-120MFT | 1 | \$5,267.00 | 58\% | \$2,212.14 |
| F6125VC+SY3.220 |  | 2.way froved BFV, 5", COP 2000si with Non-Sping Reumm, 1335 in-1., Onofit, 230V,NEMA AX | F6125V1C+SY3.220 | 1 | \$3,494.00 | 58\% | \$1,467.48 |
| F6125VIC+SY/3230MFT |  |  | F6125VIC+8Y3-230MFT | 1 | \$5,267.00 | 58\% | \$2,212.14 |
| F6125VC+SY3.24 |  |  | F6125VC+SY3.24 | 1 | \$3,494.00 | 58\% | \$1,467.48 |
| F6125VIC+SY3-24MET | Belimo |  | F6125VIC+SY3-24MFT | 1 | \$5,267.00 | 58\% | \$2,212.14 |
| F6.150-150SHP+SY2. 10 |  |  | F6.150-150SHP+SY2-110 | 1 | \$6,844.00 | 58\% | \$2,874.48 |
| F6650-150SHP+SY2-120MFT | Bell |  | F6450-150SHP+SY2-120MFT | 1 | \$8,643.00 | 58\% | \$3,630.06 |
| F6.150-150SHP+SYY2.220 |  |  | F6.150-150SHP+SYY-220 | 1 | \$6,844.00 | 58\% | \$2,874.48 |
| F6150-150SHP+SY2-230MFT |  |  | F6600-150SHP+SY2.230MFT | 1 | \$8,643.00 | 58\% | \$3,630.06 |
| F6.150-150SHP+SY2. 24 |  |  | F6.150-150SHP+SY2. 24 | 1 | \$6,844.00 | 58\% | \$2,874.48 |
| F6150-150SHP+SY2-24MFT |  |  | F6650-150SHP+SY2-24M-T | 1 | \$8,643.00 | 58\% | \$3,630.06 |
| F6:150-300SHP+SYY-110 | Belimo |  | F6.150-300sHP+SY2.110 | 1 | \$7,545.00 | 58\% | \$3,168.90 |
| F66150:30SSHP+SY2-120MFT | Belimo |  | F6150-300SHP+SY2-120MFT | 1 |  |  |  |
|  | Belimo |  |  |  | \$9,590.00 | 58\% | \$4,027.80 |
| F66150:300SHP+SY7.220 | Belimo |  | F66150-300SHP+SYY-220 | 1 | \$7,545.00 | 58\% | \$3,168.90 |
| F6650:300SHP+SYY2-230MFT | Belimo |  | F6650-300SHP+SY2:230MET | 1 | \$9,590.00 | 58\% | \$4,027.80 |
| F6.150:300SHP+SY2.24 | o |  | 150-30SSHP+SY2.24 | 1 | \$7,545.00 | 58\% | \$3,168.90 |
| F6600-305SHP+SY2.24MET |  |  | F6150:300SHP+SY̌2-24MFT | 1 | \$9,590.00 | 58\% | \$4,027.80 |
| F6,150.300SHP+SYY-110 |  |  | F6150.300SHP+SYY-110 | 1 | \$7,781.00 | 58\% | \$3,268.02 |
| F6150:30SSHPSSY3-120MFT | Belimo |  | F6150-30SSHP+SY3.120MET | 1 | \$10,474.00 | 58\% | \$4,399.08 |
| F6615:300SHP+SY3-220 | Belimo |  | F6600-300sHP+SY3-220 | 1 | \$7.781.00 | 58\% | 268 |
|  | Belimo |  |  |  |  | 5 | \$3,268.02 |
| F6150:300SHP+SY3-230MFT | Belimo |  | F6650:300SHP+SY3-230MFT | 1 | \$10,474.00 | 58\% | \$4,399.08 |
| F6.150:30SHP+SY73.24 |  |  | F6150:300SHP+SY3.24 | 1 | \$7,781.00 | 58\% | \$3,268.02 |
| F6150.300SHP+SY3-24MET | Belimo |  | F6650:300SHP+SY3.24MET | 1 | \$10,474.00 | 58\% | \$4,399.08 |
| F6150HD+sYz-110 |  |  | F6150HD+SY3-110 | 1 | \$3,249.00 | 58\% | \$1,364.58 |
| F6650HD+SY3-120MET | Belimo | li. OnOİ, 120VV.NEM AX | F66150HD_SY3-120MET |  |  |  |  |
|  | Belimo | V,MFT, 120V, ,NENA A 4 | F6ISHO+ST3-200MFT | 1 | \$4,560.00 | 58\% | \$1,915.20 |
| $\mathrm{Fb}_{6} 150 \mathrm{HD}+$ SYY 3.220 | Belimo |  | F6150HD+SY3-220 | 1 | \$3,249.00 | 58\% | \$1,364.58 |
| F6150HD+SY3.230MFT | Belimo |  | F6150H+SYY 230MET | 1 | \$4,560.00 | 58 | \$1,915.20 |
| F6150H+S83-24 |  |  | F6150H+SYY 24 | 1 | \$3,249.00 | 58\% | \$1,364.58 |

The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated hicroprocessor-Controled HVAC Equipment in a building or faciiity. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mouted Inctledl Factory

Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and . commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, etc.) to communicat.
platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
of Integrated Microprocessor-Based HVAC Equipment;

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtub showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxia \& fiber optic), wire, condwit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpor, Telecommumicaions, Networking Cabing, Hber Opics (e.g. phone, pbx, digital centrex, digital key systems, television, cabie, Line, general broadband,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

|  |  |  |  | "Warranty Period - \# of year(s) after |  | \% Discount | Nrs Sat Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | List Price |  |  |
| 150HD+5Y3.24MFT | Belimo |  | F6150HD+SY3-24MFT | 1 | \$4,560.00 | 58\% | \$1,915.20 |
| F6150HDU+2*GKX24-MFT-X1 F6150HDU+2*GMB24-3-X1 |  |  | F6150HDU+2'GKX24MFT-X1 | 1 | \$3,351.00 | 58\% | \$1,407.42 |
|  | Beli |  | F6150НOU+2'GMB24.3. $\times 1$ | 1 | \$1,525.00 | 58\% | \$640.50 |
|  | Belimo |  | F6150HDU+2'GMX24MF-X1 | 1 | \$1,691.00 | 58\% | \$710.2 |
|  | Belimo |  | F6150HDU+DKRB24.3.-TMA | 1 | \$3,211.00 | $58 \%$ | \$1,348.62 |
|  | Belimo |  | F6150HDU+DKRB24-MFT-T NAH | 1 | \$3,571.00 | 58\% | \$1,499.82 |
| F6150HDU+DKRX24-3-T |  |  | F6150HDU+OKRX243-T | 1 | \$2,273.00 | 58\% | \$954.66 |
| F6 6 15HDUUDKRX24.3.TN4 F6150HDU+DKRX24-MFT.T F6650HOU+OKRX24-METTTN | Belimo |  | F6150HDU + KRR224.3.T N4 | 1 | \$3,213.00 | 58\% | \$1,349.46 |
|  | Belimo |  | F6650hDU+DKR×24.MT-T | 1 | \$2,633.00 | 58\% | \$1,105.86 |
|  | Belim |  | F6150HDU + OKRK24-MFT. TN4 | 1 | \$3,213.00 | 58\% | \$1,349.46 |
| F6150HDU+DRB24-MFT-T N4H | Belimo |  | F6150HOU+DRB24MFT. T NAH | 1 | \$2,873.00 | 58\% | \$1,206.66 |
| F6150HDU+DRCB24-3-T N4H F6150HDU+DRCX24-3-T | Belimo |  | F61 $15 \mathrm{HDOU+PRCB24.3.TNAH}$ | 1 | \$2,689.00 | 58\% | \$1,129.38 |
|  | Belimo |  | F6150HDU+DRCC24.3.T | 1 | \$1,395.00 | 58\% | 585. |
| F6615HOU+DRCX24.3.TN4 |  |  | F6150HDU + DRC $\times 2.3$-T N 4 | 1 | \$2,331.00 | 58\% | \$979.02 |
| F6150HDU+DRX24-MFT-T F6150HDU+DRX24-MFT-T N4 | Belimo |  | F6150HOU+DRX24MFT-T | 1 | \$1,576.00 | 58\% | \$661.92 |
|  | Belimo |  | F6615HDU+DRX24MFT-TN4 | 1 | \$2,515.00 | 58\% | \$1,056.30 |
| F6150HDU+SY2-110 F6150HDU+SY2-120MFT | Belimo |  | F6150HOU+SY2-110 | 1 | \$3,226.00 | 58\% | \$1,354.92 |
|  |  |  | F6150HDUHSY2-120MFT | 1 | \$4,317.00 | 58\% | \$1,813.14 |
| F6150HDU+SY2-220 F6150HDU+SY2-230MFT | Belimo |  | F6615HDU+SY2-220 | 1 | \$3,226.00 | 58\% | \$1,354.92 |
|  |  |  |  |  |  |  |  |
|  | Belimo |  | F6150HDU+SV2-230MFT | 1 | \$4,317.00 | 58\% | \$1,813.14 |
| F6650HOU+SY2-24 | Belimo |  | F6150HOU+SY2-24 | 1 | \$3,226.00 | 58\% | \$1,354.92 |
| F6150HDU+SY2-24MFT F6150VIC+SY2-110 | Belimo |  | F6150HDU+SY2-24MFT | 1 | \$4,317.00 | 58\% | \$1,813.14 |
|  | Belim |  | F6150VIC+SY2-110 | 1 | \$4,754.00 | 58\% | \$1,996.68 |
| F6150VIC+SY2-120M FT | Belimo |  | F6150VIC+SY2-120MFT | 1 | \$5,761.00 | 58\% | \$2,419.62 |
| F6650VIC+SY2-220 F6150VIC+SV2-230MFT |  |  | F6150VIC+SY2-220 | 1 | \$4,754.00 | 58\% | \$1,996.68 |
|  | Belimo |  | F6650VIC+SY2-230MFT | 1 | \$5,761.00 | 58\% | \$2,419.62 |
| F6150VIC+SY2-24 | Belimo |  | F6150VIC+SY2.24 | 1 | \$4,754.00 | 58\% | \$1,996.68 |
| F6150VIC+SY2-24MFT | Belimo |  | F6150VIC+SY2.24MET | 1 | \$5,761.00 | 58\% | \$2,419.62 |
|  |  |  | F6150VIC+SY3.110 | 1 | \$4,755.00 | 58\% | \$1,997.10 |
| F6150VIC+SY3-120MFT | Belimo | 2.way groved BEV, 6 ", COP 200psi with Non-Spring Reumm, 1335 in-b, MFT, 12OV,NEMA 4 X | F6650VIC+SY3-120MFT | 1 | \$7,625.00 | 58\% | \$3,202.50 |
| F6150VIC+SY3-220 <br> F6150VIC+SY3-230MFT |  |  | F6150VIC+SY3.220 | 1 | \$4,755.00 | 58\% | \$1,997.10 |
|  | Belimo | 2.way groved BFV, 6", COP 200psi with Non-Spring Relum, 1335i in-b,MFT, 230V, NEMA AX | F6650VIC+SY3-230MFT | 1 | \$7,625.00 | 58\% | \$3,202.50 |
| F6150VIC+SY3 24 | Belimo |  | F6650VIC+SV3-24 | 1 | \$4,755.00 | 58\% | \$1,997.10 |
| F6615VC+5Y3-24MFT |  |  | F6150VIC+SY3.24MET | 1 | \$7,625.00 | 58\% | \$3,202.50 |
|  | Belimo | 2.Way SHP BFF, $3165 S$ Disc, 8 8:C CV 113552064 Seat Materal RTFE ASME Class 150 with Non- | F6200-150SHP+SYY-110 | 1 | \$8,254.00 | 58\% | \$3,466.68 |
| F6200-150SHP+SY3-120MFT | Belimo |  | F6200-150SHP+SY3-120MFT | 1 | \$10,062.00 | 58\% | 4,22 |
|  |  |  | F6200-150SHP+SY3-220 | 1 | \$8,254.00 | 58\% | \$3,466.68 |
|  | Belimo |  | F6200. 150 SHP+ + SY\% 3 -230MET | 1 |  |  |  |
| F6200-150SHP+SY3-230MFT F6200-150SHP+SY3-24 | Belimo |  | F6200-150SHP+SY3-230MFT | 1 | \$10,062.00 | 58\% | \$4,226.04 |
|  | Belimo |  | F6200-150SHP + SY 3.24 | 1 | \$8,254.00 | 58\% | \$3,466.68 |
| F6200-150SHP+SY3-24MFT | Belimo |  | F6200-150SHP+SY3-24MFT | 1 | \$10,062.00 | 58\% | \$4,226.04 |
|  |  |  | F6200-150SHP+SY4.10 | 1 | \$8,775.00 | 58\% | \$3,685.50 |
|  | Belimo |  |  |  |  |  |  |
|  |  |  | F6200-150SHP+SY4 120MFT | 1 | \$10,853.00 | 58\% | \$4,558.26 |
| F6200-150SHP+SY4220 | Belimo |  | F6200-150SHP+SY4.220 | 1 | \$8,775.00 | 58\% | \$3,685.50 |
| F6200-150SHP+SY4-230MFT <br> F6200-150SHP+SY4-24 |  |  | F6200-150SHP+SY4-230MFT | 1 | \$10,853.00 | 58\% | \$4,558.26 |
|  | Belimo | Spring Reurn, 3560ini-M,MFT, [230V,NEMA 4X |  |  |  |  |  |
|  | Belimo |  | F6200-150SHP+SY424 | 1 | \$8,775.00 | 58\% | \$3,685.50 |
| F6200-150SHP+SY4-24MFT | Belimo |  | F6200-150SHP+SY4-24MFT | 1 | \$10,853.00 | 58\% | \$4,558.26 |
|  | Belimo |  | F6200-300SHP+SY3-110 | 1 | \$9,843.00 | 58\% | \$4,134.06 |
| F6200-300SHP+SY3-120MFT |  |  | F6200.300SHP+SY3.120MFT | 1 | \$11,653.00 | 58\% | \$4,894.26 |
| F6200.305SHP+533.220 | Belimo | SHP PFV, $3165 S$ iss isc, 8 \% Cov | F6200:305SHP+SYY.220 | 1 | \$9,843.00 | 58\% | \$4,134.06 |
|  |  |  |  |  |  |  | \$4,134.06 |
| F6200-300SHP + SY3-230MFT <br> F6200-300SHP+SY3-24 | Belimo |  | F6200:300SHPSSY3.230MFT | 1 | \$11,653.00 | 58\% | \$4,894.26 |
|  |  |  | F6200:300SHP+SY3-24 | 1 | \$9,843.00 | 58\% | \$4,134.06 |
| F6200-300SHP+SY3-24MFT | Belimo |  | F6200.300SHP+SY3-24MFT | 1 | \$11,653.00 | 58\% | \$4,894.26 |
| F6200-300SHP+SY4-110 F6200-300SHP+SY4-120MFT | Belimo |  | F620-3005HP+SY4.110 | 1 | \$10,363.00 | 58\% | \$4,352.46 |
|  |  |  | F6200.300SHP+SY44-120MFT | 1 | \$12,474.00 | 58\% | \$5,239.08 |
| F6200-305SHP+SY4220 | Belimo |  | F6200-305SPP+SY4-220 | 1 | \$10,363.00 | 58\% | \$4,352.46 |
|  |  | Sping feum,3560 inblb, Onotrt,230V,NEMA AX |  |  |  |  | \$4,352.46 |
| F6200-300SHP+SY4-230MFT $\qquad$ | Belimo |  | F6200.300SHP+SY4.230MFT | 1 | \$12,474.00 | 58\% | \$5,239.08 |
|  |  |  | F6200:300SHP+SY4.24 | 1 | \$10,363.00 | 58\% | \$4,352.46 |
| F6200:30SSHP+SY4-24MFT | Belimo |  | F6200:300SHP+SY4-24MFT | 1 | \$12,474.00 | 58\% | \$5,239.08 |
| F6200H+S+54.110 | Belimo |  | F6200HD+SY4 110 | 1 | \$4,716.00 | 58\% | \$1,980.72 |
| F6200HD+SY4-120MFT |  |  | F6200HD+SY4-120MFT | 1 | \$6,071.00 | 58\% | \$2.549.82 |
|  | Belimo | Ib,MFT, 120V, , NEMA 4X |  |  |  |  |  |
| F6200H0+SY4-230MFT | Belimo |  | F6200HD+SY4.220 | 1 | \$4,716.00 | 58\% | \$1,980.72 |
|  | Belimo |  | F6200H0+SY4-230MFT | 1 | \$6,071.00 | 58\% | \$2,549. |
| F6200HD+SY4. 24 |  |  | F6200H0+SY4.24 | 1 | \$4,716.00 | 58\% | \$1,980.72 |
| F6200H+SY4-24MFT | Belimo |  | F620HHDSSY4-24MFT | 1 | \$6,071.00 | 58\% | \$2,549.22 |
| F6200HDU+SY3-110 |  |  | F6200HOU+SY3-110 | 1 | \$3,406.00 | 58\% | \$1,430.52 |
|  | Belimo | 2-Way DI BFV, SS Disc, 8" Cv 3136, COP 50psi with Non-Spring Return, 1335 in-Ib,MFT,120V,NEMA 4 X | F6200HDU_SY3-1200M | 1 | \$464300 | 58\% |  |
| F6200HDU+SY3-120MFT <br> F6200HDU+SY3-220 | Belimo |  |  |  | \$4,643.00 | 5\%\% | \$1,950.06 |
|  |  |  | F6200HDU+SY3-220 | 1 | \$3,406.00 | 58\% | \$1,430, |
| F6200HDU+SY3-230MFT | Belimo | 2-Way DI BFV, SS Disc, 8" Cv 3136, COP 50psi with Non-Spring Return, 1335 inlb,MFT,230V,NEMA 4X | F6200HDU+SY3-230MFT | 1 | \$4,643.00 | 58\% | \$1,950.06 |
| F6200HDU+SY3-24 F6200HDU+SY3-24MFT | Belimo | 2-Way DI BFV, SS Disc, 8" Cv 3136, COP 50psi with Non-Spring Return, 1335 in lb,On/OIt,24V,NEMA AX | F6200HDU+SY3.24 | 1 | \$3,406.00 | 58\% | \$1,430, |
|  |  |  | F6200HOU+SY3-2MMFT | 1 | \$4,643.00 | 58\% | \$1,950.06 |
| F6200HDU+SY3-24MFT F6200VIC+SY4-110 | Belimo Belimo |  | F6200YCFSY44-10 | 1 |  |  |  |
|  |  |  |  |  | \$6,260.00 | 58\% | \$2,629.20 |

The scope of this contract includes the following:
Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated
Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems. Hicroprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Controf Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mouted Inctedl Factory

Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and . commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, etc.) to communicat.
platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 , b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtub showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxia \& fiber optic), wire, condwit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose Telecommunications, Networking Cabing, Hber Opics (e.g. phone, pbx, digital centrex, digital key systems, television, cabie, 1-Line, general broadband,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

|  |  | Procuct Desaripion | Product Code | Warrany Period - \# of year(s) atior |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | (rause fit ${ }^{\text {a }}$ | Lst Pice | Issoumt | NvS Nel Price |
| F6200VIC+SY4 120MFT | Beimo |  | F6200VIC+SY4 120MET | 1 | \$7,625.00 | 58\% | \$3,202.50 |
| F6200V1C+SY4.220 |  | 2.way fooved BFV, 8\%, COP 2000si with Non-Sping Reumm,3500 inlb, Onofit,230V,NEMA AX | F6200VIC+SY4-220 | 1 | \$6,260.00 | 58\% | \$2,629.20 |
| F6200VIC+SY4-230MFT | Belimo |  | F6200VIC+SY4230MET | 1 | \$7,625.00 | 58\% | \$3,202.50 |
| F6200VIC+SY4.24 | Belimo |  | F6200VIC+SY424 | 1 | \$6,260.00 | 58\% | \$2,629. |
| F6200VIC+SY4-24MFT |  |  | F6200VIC+SY4 24MFT | 1 | \$7,625.00 | 58\% | \$3,202. |
| F6250-150SHP+SY4 110 | Belim | 2-Way SHP BFV, 316SS Disc, 10", Cv 1934/3517 Seat Material RTFE ASME Class 150 with NonSpring Return,3560 in-lb,On/Off, 120V,NEMA 4X | F6250-150SHP+SY4-10 | 1 | \$11,884.00 | 58\% | \$4,991 |
|  | Belimo |  |  |  |  | 5 |  |
| F6250-150SHP+SY4 120MFT | Belimo | 2-Way SHP BFV, 316 SS Disc, 10 ", Cv 1934/3517 Seat Material RTFE ASME Class 150 with NonSpring Return, 3560 in-lb,MFT, 120V,NEMA 4X | F6250-150SHP+SS4 120MFT | 1 | \$13,962.00 | 58\% | \$5,864.04 |
| F6250-150SHP+SY+220 | Belimo | 2-Way SHP BFV, 316 SS Disc, 10 ", CV 1934/3517 Seat Material RTFE ASME Class 150 with Non Spring Return, 3560 in- $\mathrm{lb}, \mathrm{On} / \mathrm{Off}, 230 \mathrm{~V}, \mathrm{NEMA} 4 \mathrm{X}$ | F6250-150SHP+SY4.220 | 1 | \$11,884.00 | 58\% | \$4,991.28 |
| F6250.150SHP+SY4-230MFT | Belimo | 2-Way SHP BFV, 316 SS Disc, 10", CV $1934 / 3517$ Seat Material RTFE ASME Class 150 with Non- Spring Return, 3560 in-lb,MFT,230V,NEMA 4X | F6250-150SHP+SY4-230MFT | 1 | \$13,962.00 | 58\% | \$5,864.04 |
| F6250.150SHP-SY4.24 | Beli | 2-Way SHP BFV, 316SS Disc, 10", Cv 1934/3517 Seat Material RTFE ASME Class 150 with NonSpring Retur, 3560 in-lb,OONOff:24V, ,NEMA 4 X | F6250.150SHP+SY4.24 | 1 | \$11,884.00 | 58\% | \$4,991.28 |
| F6250-150SHP+SY4-24MFT | Belimo | 2-Way SHP BFV, 316 SS Disc, 10 ", Cv 1934/3517 Seat Material RTFE ASME Class 150 with NonSpring Return, 800 in-llb,MFT,24V,NEMA 4X | F6250-150SHP+SY4-24MFT | 1 | \$13,962.00 | 58\% | \$5,864 |
| F6220-305SHP+SY4 110 | Belimo | 2-Way SHP BFV, 316SS Disc, 10", Cv 1673/3194 Seat Material RTFE ASME Class 300 with NonSpring Return,3560 in-lb,On/Off,120V,NEMA 4 X | F6250-305SHP+SY4-10 | 1 | \$15,039.00 | 58\% | \$6,316.38 |
| F620.300SHP+SS44 120MFT | Belim | 2-Way SHP BFV, 316SS Disc, 10", Cv $1673 / 3194$ Seat Material RTFE ASME Class 300 with NonSpring Return, 3560 in-lb,MFT, 120 V, NEMA 4 X | F620.300SHP+SS4-120MFT | 1 | \$17,119.00 | 58\% | \$7,189.98 |
| F6250-305SHP+SY4220 | Belimo | 2-Way SHP BFV, 316 SS Disc, $10^{\prime \prime}$, Cv $1673 / 3194$ Seat Material RTFE ASME Class 300 with NonSpring Return, $3560 \mathrm{in}-\mathrm{lb}, \mathrm{On} / \mathrm{Off}, 230 \mathrm{~V}, \mathrm{NEMA} 4 \mathrm{X}$ | F6250-300SHP+SY4-220 | 1 | \$15,039.00 | 58\% | \$6,316.3 |
| F6250-300SHP+SY4 230MFT | Belim | 2.Way SHP BFV, $316 S S$ Disc, 10 ", CV $1673 / 3194$ Seat Material RTFE ASME Class 300 with Non- | F6250.300SHP+SY4-230MFT | 1 | \$17,119.00 | 58\% | 189 |
| F6250:300SHP+SY4.24 |  | 2.Way SHP BFV, $316 S S$ Disc, 10", CV 167333194 Seat Material RTFE ASME Class 300 with Non- | F6250:305HHP+SY4-24 | 1 | \$15,039.00 | 58\% | \$6,316 |
| F6220.300SHP+SY424MFT | Belimo |  | F6220.300SHP+SY4-24MFT | 1 | \$17,119.00 | 58\% | \$7,189.98 |
| F6220:300SHP+SY5-110 | Belimo | 2-Way SHP BFV, 316 SS Disc, 10 ", CV $1673 / 3194$ Seat Material RTFE ASME Class 300 with Non- Spring Return, 800 in-lb,MFT,24V, NEMA 4X | F6250-300SHP+SY5-110 | 1 | \$15,394.00 |  | \$6,465.48 |
|  | Belimo | 2-Way SHP BFV, 316 SS Disc, 10 ", Cv 1673/3194 Seat Material RTFE ASME Class 300 with NonSpring Return, $4450 \mathrm{in}-\mathrm{lb}, \mathrm{On} / \mathrm{Off}, 120 \mathrm{~V}, \mathrm{NEMA} 4 \mathrm{X}$ | F2020-300SHP+55-110 |  | \$15,394.00 | 58\% |  |
| F6250.300SHP+SY5-1200MFT | Belimo | 2-Way SHP BFV, 316 SS Disc, 10 " ${ }^{\prime \prime}$ Cv $1673 / 3194$ Seat Material RTFE ASME Class 300 with NonSpring Return, $4450 \mathrm{in}-\mathrm{lb}, \mathrm{MFT}, 120 \mathrm{~V}, \mathrm{NEMA} 4 \mathrm{X}$ | F6250:300SHP+SY5-120MET | 1 | \$17,476.00 | 58\% | \$7,339.92 |
| F6200-30SHPP+SY5.220 | Belimo | 2-Way SHP BFV, 316 SS Disc, 10 ", Cv $1673 / 3194$ Seat Material RTFE ASME Class 300 with NonSpring Return, $4450 \mathrm{in}-\mathrm{lb}, \mathrm{On} / \mathrm{Off}, 230 \mathrm{~V}, \mathrm{NEMA} 4 \mathrm{X}$ | F6250-30SHPP+SY5.220 | 1 | \$15,394.00 | 58\% | \$6,465.48 |
| F6250:300SHP+SY5-230MFT | Belimo | 2-Way SHP BFV, 316 SS Disc, 10 ", Cv 1673/3194 Seat Material RTFE ASME Class 300 with NonSpring Return, 4450 in-lb,MFT,230V,NEMA 4X | F6250:300SHP+SY5.233MET | 1 | \$17,476.00 | 58\% | \$7,339.92 |
| F6250:300SHP+SY5.24 | Belim | 2-Way SHP BFV, 316 SS Disc, 10", Cv 1673/3194 Seat Material RTFE ASME Class 300 with NonSpring Return, $4450 \mathrm{in}-\mathrm{lb}, \mathrm{On} / \mathrm{Off}, 24 \mathrm{~V}, \mathrm{NEMA} 4 \mathrm{X}$ | F6250:300SHP+SY5.24 | 1 | \$15,394.00 | 58\% | ,465. |
| F6250.300SHP+SY5-24MFT | , | 2-Way SHP BFV, 316 SS Disc, 10 ", Cv 1673/3194 Seat Material RTFE ASME Class 300 with NonSpring Return, $4450 \mathrm{in}-\mathrm{lb}, \mathrm{MFT}, 24 \mathrm{~V}, \mathrm{NEMA} 4 \mathrm{X}$ | F6250-300SHP+SV5.24MFT | 1 | \$17,476.00 | 58\% | \$7,339. |
| F6250-305SHP+SY7-110 | \% |  | F6250-305SHP+SY7-10 | 1 | \$16,593.00 | 58\% | \$6,9 |
| F6250-300SHP+SY7-120MET | 。 | 2-Way SHP BFV, 316SS Disc, 10", Cv 1673/3194 Seat Material RTFE ASME Class 300 with Non Spring Return, $8900 \mathrm{in}-\mathrm{lb}, \mathrm{On} / \mathrm{Off}, 120 \mathrm{~V}, \mathrm{NEMA} 4 \mathrm{X}$ | F6250:300SHP+SS7-120M - T | 1 | \$18,625.00 | 58\% | \$7,822.5 |
|  | Belimo | 2-Way SHP BFV, 316 SS Disc, 10 ", Cv 1673/3194 Seat Material RTFE ASME Class 300 with NonSpring Return, 8900 in-lb,MFT, 120V,NEMA 4X |  |  |  |  |  |
| F6250-305-SHP+ST7-220 | Belimo | 2-Way SHP BFV, 316 SS Disc, 10 ", Cv $1673 / 3194$ Seat Material RTFE ASME Class 300 with NonSpring Return, 8900 in- $\mathrm{lb}, \mathrm{On} / \mathrm{Off}, 230 \mathrm{~V}, \mathrm{NEMA} 4 \mathrm{X}$ | F6250-300SHP+SY7-220 | 1 | \$16,593.00 | 58\% | \$6,969.06 |
| F6250.300SHP+SY7-230MFT | Belimo | 2-Way SHP BFV, 316 SS Disc, 10 ", Cv 1673/3194 Seat Material RTFE ASME Class 300 with NonSpring Return, 8900 in-lb,MFT,230V,NEMA 4X | F6250.300SHP+SS7-230MFT | 1 | \$18,625.00 | 58\% | 87,82 |
| F6250HD+SY4.110 | , |  | F6250HD+SY4-110 | 1 | \$5,787.00 | 58\% | \$2,430. |
| F6250H+SY4 120MFT | Belimo | 2-Way DI BFV, SS Disc, 10 Cv (b340, COP 200psi with Non-Spring Return,3560 in- $\mathrm{lb}, \mathrm{On} / \mathrm{Off}, 120 \mathrm{~V}$, NEMA 4 X | F6250H+SY4 -120MFT | 1 | \$7,090.00 | 58\% | \$2,977. |
| F6250HD+SY4.220 | Bermo | 2-Way DI BFV, SS Disc, $10^{\prime \prime}$ Cv 5340, COP 200psi with Non-Spring Return,3560 inlb,MFT, 120V,NEMA 4X | F6250HD+SY4.220 | 1 | \$5,787.00 | 58\% | \$2,430.54 |
| F6250HD+SY4.230MFT | вelimo | 2-Way DI BFV, SS Disc, 10 " Cv 5340, COP 200psi with Non-Spring Return,3560 in- lb,On/Off,230V,NEMA 4X | F62500HD+SY4-230MFT | 1 | \$7,090.00 | 58\% | \$2,977.80 |
| F6250HD+SY424 | Belimo | 2-Way DI BFV, SS Disc, $1^{\prime \prime}$ Cv 5340, COP 200psi with Non-Spring Return,3560 inlb,MFT,230V,NEMA 4X | F6250HD+SY4-24 |  |  |  |  |
| F6250H+SSY424 | Belimo | 2-Way DI BFV, SS Disc, $10^{\prime \prime}$ Cv 5340, COP 200psi with Non-Spring Return,3560 inlb,On/Off,24V,NEMA 4X | F6250H0+SY4-24 | 1 | \$5,787.00 | 58\% | \$2,430.54 |
| F6250H+SY4-24MFT | Belimo | 2-Way DI BFV, SS Disc, 10" CV 5340, COP 200psi with Non-Spring Return, 800 in lb,MFT,24V,NEMA 4X | F6250HD+SY4-24MFT | 1 | \$7,090.00 | 58\% | \$2,977.8 |
| F6250HOU + SY 3.110 | Belimo | 2-Way DI BFV, SS Disc, $10^{\prime \prime}$ Cv 5340, COP 50psi with Non-Spring Return, 1335 in- lb,On/Off,120V,NEMA 4 X | F6250HOU SY 3 -110 | 1 | \$4,341.00 | 58\% | \$1,823 |
| F6250HOU+SY3-120MFT | Belimo | 2-Way DI BFV, SS Disc, 10 CV 5340, COP 50psi with Non-Spring Return, 1335 in b,MFT, 120V,NEMA 4 X | F6250HDU+SY3-120MFT | 1 | \$6,237.00 | 58\% | \$2,619.5 |
| F6250HOU + SY3-220 | 退 |  | F6250HOU +5 Y3-220 | 1 | \$4,341.00 | 58\% | ,823. |
| F6220HOU SY 3 -230M |  | 2-Way DI BFV, SS Disc, 10 " Cv 5340, COP 50psi with Non-Spring Return, 1335 in- lb,On/Off,230V,NEMA 4 X | F62500HOUSY3-230MFT | 1 | \$6,237.00 | 58\% |  |
|  | Belimo | 2-Way DI BFV, SS Disc, $10^{\prime \prime}$ Cv 5340, COP 50psi with Non-Spring Return, 1335 inlb,MFT,230V,NEMA 4X |  |  |  |  |  |
| F6250HDU+SY3.24 | Belimo |  | F6250HDU+SY324 | 1 | \$4,341.00 | 58\% | \$1,823.22 |
| F6250HDUSS3-24MFT | Belimo |  | F6250HDU-sY3-24MFT | 1 | \$6,237.00 | 58\% | \$2,619. |
| F6250VIC+SY5-110 | Belimo |  | F6250VIC+SY5-110 | 1 | \$7,990.00 | 58\% | \$3,355.80 |
| F6250VIC+SY5-120MFT | Belm |  | F6250VIC+SY5-120MFT | 1 | \$8,949.00 | 58\% | 3,75 |
| F6250VIC+SY5.220 |  |  | F6250VIC+SY5-220 | 1 | \$7,990.00 | 58\% | \$3,355.8 |
| F6250VIC+SY5-230MFT |  | 2-way grooved BFV, 10", COP 200psi with Non-Spring Return, 4450 in-lb,On/Off,230V,NEMA 4X 2-way grooved BFV, 10 ", COP 200psi with Non-Spring Return, 4450 in-lb,MFT,230V,NEMA 4X | F6250VIC+SY5-230MFT | 1 | \$8,949.00 | 58\% | \$3,758.58 |
| F6250VIC+SY5-24 |  | 2-way grooved BFV, 10", COP 2000psi with Non-Spring Return,4450 in-lb,MFT,230V,NEMA 4 X <br> 2 -way groved BFV, 10", COP 2000si with Non-Spring Return,4450 in-ll, On/off,24V,NEMA 4 X | F6250VIC+SV5 24 | 1 | \$7,990.00 | 58\% | 3,355 |
| F6250VIC+SY5-24MFT |  | 2 -way yroved BFV, 10", COP 200ps with Non-Spring Relum,4450 in-b,MFT, 24V, NEMA 4 X | F6250VIC+SV5-24MET | 1 | \$8,949.00 | 58\% | \$3,758 |
| F6300-150SHP+SY4.110 | Belimo | 2-Way SHP BFV, 316SS Disc, 12", Cv 2660/4837 Seat Material RTFE ASME Class 150 with Non Spring Return,3560 in-lb,On/Off, 120V,NEMA 4X | F6300-150SHP+SY4-110 | 1 | \$14,526.00 | 58\% | \$6,100.9 |
| F6300-150SHP+SS4-120MFT |  |  | F6300-150SHP+SS4 +120MFT | 1 | \$16,607.00 | 58\% | \$6,974.94 |
| F6300-150SHP+SY4-220 | Belimo | 2-Way SHP BFV, 316 SS Disc, 12 ", Cv 2660/4837 Seat Material RTFE ASME Class 150 with NonSpring Return, 3560 in-lb, MFT, 120 V, NEMA 4 X <br> 2-Way SHP BFV, 316 SS Disc, 12 ", Cv $2660 / 4837$ Seat Material RTFE ASME Class 150 with Non- | F6300-150SHP+SY4-220 | 1 | \$14,526.00 | 58\% | 6,10, |
| F6300-150SHP+SY4.230MET | Belimo | 2-Way SHP BFV, 316 SS Disc, $12^{\prime \prime}$ Cv 2660/4837 Seat Material RTFE ASME Class 150 with Non-2-Way SHP BFV, 316 Spring Return, 3560 in-lb,On/Off, 230V, NEMA AX 4 . 150 with Non Disc, 12", Cv 2660/4837 Seat Material RTFE ASSpring Return, 3560 in-lb,MFT, 230V, NEMA 4X | F6300-150SHP+5Y44230M | 1 |  |  |  |
|  | Belimo |  | F6500-150SHP+ST4230MFT |  | \$16,607.00 | 58\% |  |
| F6300-150SHP+SY424 | Belimo | 2-Way SHP BFV, 316 SS Disc, 12", Cv 2660/4837 Seat Material RTFE ASME Class 150 with NonSpring Return, 3560 in-llb,On/Off,24V,NEMA 4 X | F6300-150SHP+SY4-24 | 1 | \$14,526.00 | 58\% | \$6,100.9 |
| F6300-150SHP+SY4 24MFT | Belimo | 2.Way SHP BFV, 316 SS Disc, 12 ", Cv $2660 / 4837$ Seat Material RTFE ASME Class 150 with Non- <br>  <br> 2.Way SHP BFV, $3165 S$ Disc, 12 ", Cv $2660 / 4837$ Seat Material RTFE ASME Class 150 with Non | F6300-150SHP+SY4-24MFT | 1 | \$16,607.00 | 58\% | \$6,974.94 |
| F6300-150SHP+SY5-110 | Belimo |  | F6300-150SHP+SY5-110 | 1 | \$14,881.00 | 58\% | \$6,250.02 |
| F6300. 50 SHP+ +SY5-120MFT | Belimo | 2-Way SHP BFV, 316SS Disc, 12", Cv 2660/4837 Seat Material RTFE ASME Class 150 with NonSpring Return,4450 in-lb,MFT,120V, NEMA 4 X | F6300-150SHP+ +S5-120MFT | 1 | \$16,951.00 | 58\% | \$7,119.4 |
| F6300-150SHP+S55.220 |  | 2-Way SHP BFV, 316SS Disc, 12", Cv 2660/4837 Seat Material RTFE ASME Class 150 with Non Spring Return, 4450 in-lb,On/Off,230V,NEMA 4X | F6300-150SHP+SY5.220 | 1 | \$14,881.00 | 58\% | \$6,250.02 |
| F6300-150SHP+SY5-230MFT |  |  | F6300-150SHP+SY5-230MFT | 1 | \$16,951.00 | 58\% | \$7,119.4 |
| F6300-150SHP+SV5-24 | Belimo | 2-Way SHP BFV, $3165 S$ Disc, $12^{\prime \prime}$, Cv $2660 / 4837$ Seat Material RTFE ASME Class 150 with NonSpring Return,4450 in-b,MFT,230V,NEMA 4 X <br> 2.Way SHP BFV, $3165 S$ Disc, 12 ", Cv $2660 / 4837$ Seat Material RTFE ASME Class 150 with Non- <br> Spring Retur, 4450 in-lb, On/Off, 24 V, ,NEMA 4 X | F6300-150SHP+SY5-24 | 1 | \$14.881.00 | 58\% |  |
|  | Belimo |  |  |  |  |  |  |
| F6300-150SHP+SY5-24MET | Belimo | 2-Way SHP BFV, 316 SS Disc, 12 ", Cv 2660/4837 Seat Material RTFE ASME Class 150 with NonSpring Return, 4450 in-lb,MFT,24V,NEMA 4X | F6300-150SHP+SY5-24MFT | 1 | \$16,951.00 | 58\% | \$7,119, |
| F6300-300SHP+SY4 410 | Belimo | 2-Way SHP BFV, 316 SS Disc, 12", Cv 2319/4428 Seat Material RTEASME Class 300 with Non Spring Return, $3560 \mathrm{in}-\mathrm{lb}, \mathrm{On} / \mathrm{Off}, 120 \mathrm{~V}, \mathrm{NEMA} 4 \mathrm{X}$ | F6300-300SHP+SY4-10 | 1 | \$19,245.00 | 58\% | 8,082 |
| F6300.300SHP+SS44 120MFT | Belimo | 2-Way SHP BFV, 316 SS Disc, $12^{\prime \prime}$, Cv 2319/4428 Seat Material RTFE ASME Class 300 with NonSpring Retur,3560 in-b,MFT, 120V,NEMA 4X | F6300:300SHP+SS44120MFT | 1 | \$21,329.00 | 58\% | \$8,958 |
| F6300:300SHP+SY4220 |  |  | F6330-300SHP+SY4-220 | 1 | \$19,425.00 | 58\% | \$8,158.5 |
| F6300-30SSHP+SY4.230MET | Belimo | 2-Way SHP BFV, 316 SS Disc, 12", Cv 2319/4428 Seat Material RTFE ASME Class 300 with NonSpring Return, $3560 \mathrm{in}-\mathrm{lb}, \mathrm{On} / \mathrm{Off}, 230 \mathrm{~V}, \mathrm{NEMA} 4 \mathrm{X}$ | F6300:300SHP+SY4.230M | 1 | \$21,329.00 | 5\% |  |
| F6500:30SSHP+ST4230NFT | Belimo | 2-Way SHP BFV, 316 SS Disc, 12", Cv 2319/4428 Seat Material RTFE ASME Class 300 with Non Spring Return, $3560 \mathrm{in}-\mathrm{lb}, \mathrm{MFT}, 230 \mathrm{~V}$, NEMA 4 X |  |  |  | 58\% |  |
| F6300:300SHP+SY424 | Belimo | 2-Way SHP BFV, 316 SS Disc, $12^{\prime \prime}$, Cv 2319/4428 Seat Material RTFE ASME Class 300 with NonSpring Return, $3560 \mathrm{in}-\mathrm{lb}, \mathrm{On} / \mathrm{Off}, 24 \mathrm{~V}$, NEMA 4X | F6300:300SHP+SY4.24 | 1 | \$19,425.00 | 58\% | \$8,158.5 |
| F6300.305SHP+SY4 244 NT | Belimo |  | F6300-305SHP+SY4-24MFT | 1 | \$21,329.00 | 58\% | \$8,958.18 |
| F6300:300SHP+SY5. 110 | Belimo |  | F6300-305SPP+S55.110 | 1 | \$19,603.00 | 58\% | \$8,23 |
| F6300-300SHP+SY5-120MET | Belimo | 2-Way SHP BFV, 316 SS Disc, 12 ", Cv 2319/4428 Seat Material RTFE ASME Class 300 with NonSpring Return, 4450 in-lb,MFT, 120V, NEMA 4X | F6300:300SHP+SV5-120MFT | 1 | \$21,686.00 | 58\% | \$9,108, |
| F6300-300SHP+SY5.220 | Belimo |  | F6300-300SHP+SY5-220 | 1 | \$19,603.00 | 58\% |  |
| F6300:305SHP+SY5.230MET | Belimo | 2-Way SHP BFV, 316 SS Disc, 12", Cv 2319/4428 Seat Material RTFE ASME Class 300 with NonSpring Return, $4450 \mathrm{in}-\mathrm{lb}, \mathrm{On} / \mathrm{Off}, 230 \mathrm{~V}, \mathrm{NEMA} 4 \mathrm{X}$ |  | , |  |  |  |
|  | Belimo | 2-Way SHP BFV, 316SS Disc, 12", Cv 2319/4428 Seat Material RTFE ASME Class 300 with NonSpring Return, 4450 in-lb,MFT, 230 V, NEMA 4 X | F6300:300SHP+SY5-230M | I | \$21,686.00 | 58\% | \$9,108, |
| F6300:300SHP+S55.24 | Belimo | 2-Way SHP BFV, 316 SS Disc, 12", Cv 2319/4428 Seat Material RTFE ASME Class 300 with NonSpring Return, $4450 \mathrm{in}-\mathrm{lb}, \mathrm{On} / \mathrm{Off}, 24 \mathrm{~V}, \mathrm{NEMA} 4 \mathrm{X}$ | F6300:300SHP+SV5-24 | 1 | \$19,603.00 | 58\% | \$8,2 |
| F6300.305SHP+SY5-24MFT |  | 2-Way SHP BFV, 316 SS Disc, $12^{\prime \prime}$, Cv 2319/4428 Seat Material RTFE ASME Class 300 with NonDisc, 12", Cv 2319/4428 Seat Material RTFE A <br> 2-Way SHP BFV, 316 SS Disc, 12 ", Cv 2319/4428 Seat Material RTFE ASME Class 300 with Non Spring Return, $8900 \mathrm{in}-\mathrm{lb}, \mathrm{On} / \mathrm{Off}, 120 \mathrm{~V}, \mathrm{NEMA} 4 \mathrm{X}$ | F6300.305SHP+SY5-24MFT | 1 | \$21,686.00 | 58\% | \$9,108.12 |
| F6300:300SHP+SY7-110 |  |  | F6300-300SHP+SY7-110 | 1 | \$20,807.00 | 58\% | \$8,738.94 |
|  |  |  |  |  |  |  |  |

The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated icroprocessor-Controlled HVAC Equipment in a building or faciiity. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mouted [Istalledl Factory

Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and , Management System to allow the Building Automation System or Energy Management System to monitor the performance of these commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, etc.) to communicat.
platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

Integrated Micropressor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtub showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxia \& fiber optic), wire, condwit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purps, Telecommumicaions, Networking Cabing, Hber Optics (e.g. phone, pbx, digital centrex, digital key systems, television, cabie, T-Line, general broadband,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Iodesel Momber |  | Proctrct Dessiriplion | Code | $\begin{gathered} \text { "Warranty Period - \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54 \text { " } \end{gathered}$ | Isit Pice | \% Disount | Nvs Net Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| F6300:300SHP+SY7-120MFT | Belimo |  | F6300:305HP+SY7-120MFT | 1 | \$22,832.00 | 58\% | \$9,589.44 |
| F6300.3005HP+SY7-220 | Belimo |  | F6300-300SHP+SY7-220 | 1 | \$20,807.00 | 58\% | 88,738.94 |
| F6300:300SHP+SY7-230MFT | , | 2.WWay SHP PrV, 31655 Sisc, | F6300:300SHP+SY7-230MFT | 1 | \$2,832.00 | 58\% | 9,589.44 |
| F6300HD+SY4.110 |  |  | F630HD+SY4-110 | 1 | \$7,006.00 | 58\% | 22.52 |
| F6300HO+SY4 120MET | Belmo |  | F6300HD+SY4-120MFT | 1 | \$8,461.00 | 58\% | \$3,553.62 |
| F6300HD+5Y4220 | Bellimo |  | F6300HD+5Y4.220 | 1 | \$7,006.00 | 58\% | \$2,942.52 |
| F6300H+SY4-230MET | Belimo |  | F6300HD+SY4-230MFT | 1 | \$8.461.00 | 58\% | \$3,553.62 |
|  | Belimo |  |  |  |  |  |  |
| F6300HD+SY424 | Belimo |  | F6300HD+SY424 | 1 | \$7,006.00 | 58\% | \$2,942.52 |
| F6300HD+SY4-24NFT | Belimo |  | F6300HD+SY424MET | 1 | \$8,461.00 | 58\% | 3,553.62 |
| F6300HDU+SY4-10 | Belimo |  | F6300HDU+SY4-110 | 1 | \$6,222.00 | 58\% | \$2,613.24 |
| F6300HOU+SY4-120NFT | Beimo |  | F6300HDU-SY4 120MFT | 1 | \$7,443.00 | 58\% | 126.06 |
| F6300HOU+SY4-220 |  |  | F6300HOU+SY4-220 | 1 | \$6,222.00 | 58\% | \$2,613.24 |
| F6300HDU+SY4-230MFT | Belimo |  | F6300HDU+SY4-230MFT | 1 | \$7,443.00 | 58\% | 126.06 |
| S300HDU+SY424 | Belim |  | F630HDUUSY4424 | 1 | \$6,222.00 | 58\% | 13.24 |
| F6300HDUSSY-24MET | Beli |  | F6300HDUSSY-24MET | 1 | \$7,443.00 | 58\% | \$3,126.06 |
| F6300VIC+SV6-110 | Belimo |  | F6300VIC+SV6-110 | 1 | \$8,864.00 | 58\% | \$3,722.88 |
| F6300VIC+SY6-120MFT |  |  | FG300VIC+SY6-120MET | 1 | \$9,829.00 | 58\% | \$4,128 |
| F6300VIC+SV6.220 |  |  | F6300VIC+SV6-220 | 1 | \$8,864.00 | 58\% | \$3,722.88 |
| F6300VIC+SY6-230MFT |  |  | F6330VIC-SV6-230MFT | 1 | \$9,829.00 | 58\% | 4,128.18 |
| F6350-150SHP+SY5.110 |  | 2.Way SHP BFV, 316SS Disc, 14, Cr 3592288857 Seat Malaial RTFE ASME Class 150 with Non- | F6350-150SHP+SY5-110 | 1 | \$18,514.00 | 58\% | \$7,775.88 |
| F6350.150SHP+SY5-120MFT | Belim |  | F6350-150SHP+SY5-120MFT | 1 | \$20,597.00 | 58\% | 8,650.74 |
| F6350-150SHP+SY5.220 | Belimo |  | F6350-150SHP+SY5. 220 | 1 | \$18,514.00 | 58\% | \$7,775.88 |
| F6350-150SHP+SY5-230MFT | Beli |  | F6350-150SHP+SV5-230MFT | 1 | \$20,597.00 | 58\% | 60.74 |
| F6850-150SHP+SY5-24 | Belim |  | F6650-150SHP+ + SY 2.24 | 1 | \$18,514.00 | 58\% | 775.88 |
| F6350-150SHP+SY5.24MFT | 硣 |  | F6350-150SHP+SY5-24MFT | 1 | \$20,597.00 | 58\% | \$8,650.74 |
| F6350-150SHP+SY7.110 |  | Some | F6350-150SHP+SY7. 110 | 1 | \$19,720.00 | 58\% | \$8,282.40 |
| F6350-150SHP+SY7-120MFT | Beli |  | F6650-150SHP+SY7-120MFT |  | \$21.743.00 | 58\% | \$9,132.06 |
|  | Belimo |  |  | 1 | \$21,743.00 | 58\% | \$9,132.06 |
| F6350-1505HP+SY7-220 | Belimo |  | F6350-150SHP+SV7-220 | 1 | \$19,720.00 | 58\% | 8,282.40 |
| F6350-150SHP+SY7-230MFT | Belimo |  | F6350-150SHP+SY7-230MFT | 1 | \$21,743.00 | 58\% | . 06 |
| F6350:300SHP+SY5-110 | Belim |  | F6350-300SHP+SY5-110 | 1 | \$31,766.00 | 58\% | . 72 |
| F6350:300SHP+SY5-120MFT | Belim |  | F6350:30SSHP+SY5-120WFT | 1 | \$33,851.00 | 58\% | \$14,217.42 |
| F6350:305HP+SYY5.220 |  |  | F6350-300SHP+SY5-220 | 1 | \$31,766.00 | 58\% | \$13,341.72 |
| F6650:300SHP+SY5-230MFT | Belmo |  | F6950:300SHP+SV5-230MFT | 1 | \$33,851.00 | 58\% | 4,217.42 |
| F6350-305SHP+SY5-24 |  | 2.Way SHP PFV, $3165 S$ Disc, 14 ', Cv 298665702 Seat Matefial RTTEE ASME Class 300 with Non. | F6650-300SHP+SV5-24 | 1 | \$31,766.00 | 58\% | \$13,341.72 |
| F6350:305SHP+SY5.244FT | Belimo | 2.Way SHP Brv, $3165 S$ Spisco. 14. | F6350:300SHP+SY5-24MET | 1 | \$33,851.00 | 58\% | \$14,217.42 |
|  | Belimo | Spring Retur, 4450 in-b,MFT, 24V, , NEMA 4X |  |  |  |  |  |
| F6950:300SHP+SY7-110 | Belimo |  | F6350-300SHP+SY7-110 | 1 | \$32,972.00 | 58\% | . 24 |
| F6350:300SHP+SY7-120MFT | Belimo |  | F6650:300SHP+SY7-120NFT | 1 | \$33,851.00 | 58\% | \$14,217.42 |
| F6350-305SHP+SY7-220 |  | 2.WWay SHP PFV, $3165 S$ Disc, 14", Cr 298665702 Seat Materal RTTE ASME Class 300 with Non- | F6350.300sHP+SY7-220 | 1 | \$32,972.00 | 58\% | \$13,848.24 |
| F6350:300SHP+SY7-230MFT |  |  | F6350:300SHP+SY7-230MFT | 1 | \$34,999.00 | 58\% | 14,699.58 |
| F6350-305SHP+SY8-110 | Belmo |  | F6350-30SHP+SY8-110 | 1 | \$34,329.00 | 58\% | 14,418.18 |
| F6350:300SHP+SY8-120MFT |  | 2.Way SHP PFV, $3165 S$ Disc, 14 ', Cv 298665702 Seat Material RTTEE ASME Class 300 with Non. | F6350-305SPP+SY8-120MF | 1 | \$36,357.00 | 58\% | \$15,269.94 |
| F6350:30sHP+SY8.220 | Belimo | 2.Way SHP BrV, $3165 S$ Spisco. 14. | F6650-300SHP+SY8.220 | 1 | \$34,329.00 | 58\% | \$14,418.18 |
|  | Belimo | Spping Reum, 33350 in-b, onotit, 230 V |  |  |  |  |  |
| F6650:300SHPSSY8-230MFT | Belimo |  | F6350-30SSHP+SY8-230MFT | 1 | \$36,357.00 | 58\% | \$15,269.94 |
| F6350HD+SY5. 110 | Belimo |  | F6350HD+SY5-110 | 1 | \$7,690.00 | 58\% | \$3,229.80 |
| F6350HD+SY5-120MET |  |  | F6350HD+SY5-120MFT | 1 | \$10,447.00 | 58\% | \$4,387.74 |
| F6350HD+SY5.220 | 硣 |  | F6350HD+SY5.220 | 1 | \$7,690.00 | 58\% | \$3,229.80 |
| F6350H+SY5:-230MFT | Bellimo |  | F6350HD+SY5-230MFT | 1 | \$10,447.00 | 58\% | \$4,387.74 |
| F6350H0+SY5-24 | Belimo | I.,MFT, 230V, NEMA 4 AX | F63500+ + SY 5 |  |  |  |  |
|  | Belimo |  | F6350HH+SY5-24 | 1 | \$7,690.00 | 58\% | \$3,229.80 |
| F6350H+SVY5-24MFT |  |  | F6350H+\$855-24MFT | 1 | \$10,447.00 | 58\% | \$4,387.74 |
| F6400-150SHP+SY7-110 |  |  | F6400-150SHP+SY7-110 | 1 | \$27,336.00 | 58\% | 1,481.12 |
| F6600-150SHP+SY7-120MFT |  |  | F6400-150SHP+SY7-120MFT | 1 | \$29,360.00 | 58\% | 12,331.20 |
| F6400-150SHP+SY7-220 | Belimo |  | F6400-150SHP+SY7-220 | 1 | 3 | 58\% |  |
|  | Belimo |  | E6400-150SHP+SY7-23 |  |  |  |  |
| F6400-150SHP+SY7-230MFT | Belimo |  | F6400-150SHP+SS7-230MFT | 1 | \$29,360.00 | 58\% | 1.20 |
| F6400:300SHP+SY10-110 |  | ${ }^{2}$-Way SHP BFF, $3165 S$ Disc, 16 ", CV 398888243 Seat Mateial RTFE ASME Class 300 with Non- | F6400-30SSPPSY $10 \cdot 110$ | 1 | \$38,085.00 | 58\% | 5.70 |
| F6400-305SPP+SYY0-120MFT | Belimo |  | F6400:30SHPPSY10-120MFT | 1 | \$39,784.00 | 58\% | \$16,709.28 |
| 100:30SHHP+SY10-220 |  |  | F6400-300sHP+SYY0-220 | 1 | \$38,085.00 | 58\% | \$15,995.70 |
| F6400:300SHP+SY10:230MF | Belimo |  | F6600-30SHP+SYY0.380MET |  |  |  |  |
|  | Belimo | Sping Reumm,22250 in-b,MMT, , 230V, NEMA AX | Foto | 1 | \$39,784.00 | 58\% | \$16,709.28 |
| F6400.300SHP+SY7-110 | Belimo |  | F6600-300SHP+SY7-110 | 1 | \$35,099.00 | 58\% | \$14,741.58 |
| F6600:300SHP+SY7-120MFT | Belimo |  | F6400:300SHP+SY7-120NFT | 1 | \$37,124.00 | 58\% | 288 |
| F6400.300sHP+SY7-220 |  |  | F6400-305SHP+SY7-220 | 1 | \$35,099.00 | 58\% | \$14,741. |
| F6600:305SHP+SY7-230MFT | Belimo |  | F6400-305SHP+SY7-230MFT | 1 | \$37,124.00 | 58\% | 5,592.08 |
| 400:3005SP+ + SY-110 | Belimo |  | F6400.3005HP+SY8-110 | 1 | \$36,456.00 | 58\% | 15,311.52 |
| F6400:30SHP+SY8-120MFT |  |  | F6400-300SHP+SY8-120MFT | 1 | \$38,483.00 | 58\% | \$16,162.86 |
| F6400-305SHP+SY8.220 | Belimo |  | F6600-300SHP+SY8.220 | 1 | \$36.456.00 | 58\% |  |
|  | Belimo | Spring Reuun,13350 in-b,omonoti,230 |  |  |  |  |  |
| F6400:300SHPSSY8-230MFT | Belimo |  | F6400-300SHP+SV8-230MFT | 1 | \$38,883.00 | 58\% | \$16,162.86 |
| F6400-305SHP+SY9.110 | Beimo | 2.Way SHP PFV, 31655 Disc, 16", CV 398888243 Seat Mateial RTTE ASME Class 300 with Non- | F6400-305SHP+SY9.-110 | 1 | \$37,759.00 | 58\% | \$15,858.78 |
| F6400:300SHP+SY9:120MFT | Belimo |  | F6400:300SHP+SY9-120MFT | 1 | \$39,784.00 | 58\% | \$16,709.28 |
| F6400:300sHP+SYY:220 |  |  | F6400:30sHP+SYY:220 | 1 | \$37,759.00 | 58\% | \$15,8 |
|  | Belimo |  |  |  |  |  |  |
| F6400:300SHP+SVY:-230MFT | Belim |  | F6400-300SHP+SY9.230MFT | 1 | \$39,784.00 | 58\% | \$16,709.28 |
| F6400HD+SV6-110 | Belimo |  | OOHD+SY6-110 | 1 | \$10,541.00 | 58\% | \$4,427.22 |

The scope of this contract includes the following:
Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated icroprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted IInC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and $\quad$ commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these commission and which are integr
products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
of Integrated Microprocessor-Based HVAC Equipment;

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he

Factory Installed/Factory-Provided micro-processor--controlled included/controd
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose IT, Telecommumications, Networking Cabling, Fiber Optics (e.g. phone, pbx, digital centrex, digital key systems, television, cable, T-Line, general broadband,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

|  |  |  | Prodtrac Code | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54 " | Lst Pice |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| F640HO+SY6-120MFT | Belimo |  | F6400HD+SY6-120MFT | 1 | \$11,727.00 | 58\% | \$4,925.34 |
| F6400HD+SY6. 220 | Beli |  | F640OHD+SV6-220 | 1 | \$10,541.00 | 58\% | \$4,427.22 |
| F6400HD+SV6-230MFT | Belimo |  | F6400HD+SVG-230MFT | 1 | \$11,727.00 | 58\% | \$4,925.34 |
| F6450-150SHP+SY7.110 | Belimo |  | F6450-150SHP+SY7-110 | 1 | 5.00 | 58\% | \$13,316.10 |
| F6450-150SHP+SY7-120MFT | Belimo |  | F6450-150SHP+SY7-120MFT | 1 | \$33,731.00 | 58\% | \$14,167.02 |
| F6450-150SHP+SY7-220 | Belin |  | F6450-150SHP+SY7-220 | 1 | \$31,705.00 | 58\% | \$13,36.10 |
| F6450-150SHP+SY7-230MFT | Belimo |  | F6450-150SHP+SY7-230MFT | 1 | \$3,731.00 | 58\% | \$14,167.02 |
| 6450-150SHP+SY8-110 | Beli |  | F6450-150SHP+SY8.110 | 1 | \$33,062.00 | 58\% | 3,886.04 |
| F6450-150SHP+SY8. 120MFT | Belimo |  | F6450-150SHP-SY8-120MFT | 1 | \$35,093.00 | 58\% | \$14,739.06 |
| S450-150SHP+5Y8.220 | Be |  | F6450-150SHP+SY8.220 | 1 | \$33,062.00 | 58 | \$13,886.04 |
| F6450-150SHP+SY8.230MFT | Belin | 2-Way SHP BFV, 316 SS Disc, 18 ", Cv $3270 / 11500$ Seat Material RTFE ASME Class 150 with Non- | F6450-150SHP+SY8-230MFT | 1 | \$35,093.00 | 58\% | \$14,739.06 |
| F6450-305SHP+SY $11-110$ | Belimo |  | F6450-300sHP+SY $11-110$ | 1 | \$50,101.00 | 58\% | \$21,042.42 |
| F6450:305SHP+SY11-120MFT | Be |  | F6450:300SHP+SYY1-120MFT | 1 | \$52,127.00 | 58\% | \$21,893,34 |
| 6450-3005SP+SY11-220 | ders |  | F6450-300SHP+SYY1-220 | 1 | \$50,101.00 | 58\% | \$21,042.42 |
| F6450.300sHP+SYY1-230MFT | Belimo |  | F6450.300SHP+SYY1-230MFT | 1 | \$52,127.00 | 58\% | \$21,893.34 |
| F6450.300sHP+SY7.110 | Belim |  | F6450-305SHP+SY7-110 | 1 | \$44,833.00 | 5\% | 18,82 |
| F6450-30SHP+SY7-120MFT | Belim |  | F6450-300SHP+SY7-120MFT | 1 | \$46,859.00 | 58\% | \$19,680.78 |
| F6450:305sHP+SY7-220 | Belimo |  | F6450-300SHP+SY7-220 | 1 | \$44,833.00 | 58 | \$18,829.86 |
| F6450-305HPP+SY7-230MFT | Beimo |  | F6450-300SHP-SY7.230MET | 1 | \$46,859.00 | 58\% | \$19,680.78 |
| F6450-305SHP+SY8.110 |  |  | F6450-305SHP+SY8-110 | 1 | \$46,192.00 | 58\% | \$19,400.64 |
| F6450:30SHPPSY8-120MFT |  |  | F6450-300SHP+SY8-120MFT | 1 | \$48,129.00 | 58\% | \$20,214.18 |
| F640.300sHP+SY8-220 | Beimo |  | .300sHP+S88-220 | 1 | \$46,192.00 | 58\% | 9,400.64 |
| F6450:300SHP+SY8.230MFT | Belim |  | F6450-300SHP+SY8-230MET | 1 | \$48,219.00 | 5\% | \$20,251.98 |
| F6450.300sHP+SY9. 110 | Belimo |  | F6450-300SHP+SY9. 110 | 1 | \$47,494.00 | 58\% | \$19,947.48 |
| F6450:30SHP+SY90 120MET | Belimo |  | F6450:300SHP+SY9 - 120MET | 1 | \$49,520.00 | 58\% | \$20,798.40 |
| F6450-305SHP+SY9.220 | Beimo |  | F6450-305SPP+SY9.220 | 1 | \$47,494.00 | 58\% | \$19,947.48 |
| F6450:30SHPPSY9-230MFT | Relin |  | F6450-300SHPPSY9.230MFT | 1 | \$49,520.00 | 58\% | ,79 |
| F6450HD+588-110 |  |  | F6450HD+SY8-110 | 1 | \$12,960.00 | 58\% | \$5,443.20 |
| F6450H+SSY8-120MET | Beimo |  | F6450H0+S88-120MFT | 1 | \$14,413.00 | 58\% | . 53.46 |
| 4450HD+SY8-220 |  |  | F6450HD+5Y8.220 | 1 | \$12,960.00 | 58\% | \$5,443.20 |
| F6450HD+SY8-230MFT | Belimo |  | F6450HD+SY8-230MFT | 1 | \$14,413.00 | 58\% | 6,053 |
| F6500-150SHP+SY8-110 | Belimo |  | F6500-150SHP+SY8-110 |  |  |  |  |
| fosouchentiont | Belimo |  |  | + | \$40,365.00 | 58\% | \$16,9 |
| F6500-150SHP+SY8-120MFT | Belimo | Way SHP BFV, 316 SS Disc, 20 ", Cv $7590 / 14420$ Seat Material RTFE ASME Class 150 with NonSpring Return, 13350 in-lb,MFT,120V,NEMA 4X | F6500-150SHP+SY8-120MET | 1 | \$42,392.00 | 58\% | \$17,804.64 |
| F6500-150SHP+SY8.220 | Belimo |  | F6500. $150 \mathrm{SHP}+$ SY8. 220 | 1 | \$40,365.00 | 58\% | \$16,953.30 |
| F6500-150SHP+SY8-230MFT | Belimo | Wy SHP BFV, $3165 S$ Disc, 20 ", CV $7590 / 14420$ Seat Material RTFE ASME Class 150 with Nonevi 13350 in MET T30V NEMA AX | F6500-150SHP+SY8-230M | 1 | \$42,392.00 | 58\% | \$17,804.64 |
| 6500-150SHP+SY9-110 | Belimo |  | F650-150SHP+SY9-110 | 1 | \$41,666.00 | 58\% | 7,499.72 |
| F6500-150SHP+SY9. -120MFT | Belim |  | F6500-150SHP+SY9-120MET | 1 | \$43,690.00 | 58 | \$18,349.80 |
| F500-150SHP+SY9.220 | Belimo |  | F6500-150SHP+SY9.220 | 1 | \$41,666.00 | 58\% | \$17,499.72 |
| F6500-15SHP+SY9. 230 MFT | Belimo |  | F6500-150SHP+SY9.-230MFT | 1 | \$43,690.00 | 58\% | \$18,349.80 |
| F6550-300sHP+SY10-110 | Beimo |  | F6500.300sHP+SY10-110 | 1 | \$61,384.00 | 58\% | \$25,781.28 |
| F6500:305HP+SYY0-120M | Bermo |  | F6500-3005HP+SYY0-120MFT | 1 | \$63,415.00 | 58\% | \$26,63 |
| F6500.300SHP+SY10.220 | Bellmo |  | F6500.300SHP+SY10.220 | 1 | \$61,384.00 | 58\% | \$25,781.28 |
| F6500:305SP+SYY0-230MFT | imo |  | F6500-3005HP+SY10-230NET | 1 | \$63,415.00 | 58\% | \$26,634.30 |
|  | Belimo |  |  |  |  |  |  |
| F6500-305SHP+SY11-10 | Belimo |  | F6500-305SHP+SY $11-110$ | 1 | \$63,672.00 | 58\% | \$26,742.24 |
| F6500-300SHP+SYY1-20MET | Belimo |  | F6500-300SHP+SYY1-120MFT | 1 | \$65,700.00 | 58\% | \$27,594.00 |
| F6500-305SHP+SYY1-220 | Belimo |  | F6500-3005HP+SYY1-220 | 1 | \$63,672.00 | 58\% | \$26,742.24 |
| F650.300SHP+SYY1-230MFT | Belimo |  | F6500.300SHP+SY11-230MFT | 1 | \$65,700.00 | 58\% | 27,5 |
| F6500:30SHP+SY8.110 | Beimo | 2.Way SHP BFV, 31658 Disc, 200, CV. 577575106585 Sead Material TrFe AsME Class 300 with Non- | F6500-300SHP+SY8-110 | 1 | \$59,761.00 | 58\% | \$25,099.62 |
| F6500:300SHP+SY8-120MFT |  | ay SHP BFV, 31655 S isc, 20:c | F6500:305HHP+SY8-120MFT | 1 | \$61,788.00 | 58\% | \$25,950.96 |
|  | Belimo | Sping Reoun, 13350 in.b.M.MT.120V, NEMA AX | F6500-300SHP+SY8.220 | 1 | \$59761.00 |  | \$25,099.62 |
|  | Belimo | (e) | F6500-300SHP+SV8-220 |  |  | 58\% |  |
| F6500:30SHP+SY8-230MFT | Belimo |  | F6500:300SHP+SY8-230MFT | 1 | \$61,788.00 | 58\% | \$25,9 |
| OOHD+SY8.110 |  |  | F6500HD+SY8-110 | 1 | \$15,657.00 | 58\% | \$6,575.94 |
| F6500HD-SY8-120MFT | Belimo |  | F6500H++SY8-120MFT | 1 | \$17,433.00 | 58\% | \$7,321.86 |
| F6500HD+S88.220 |  |  | F6500HD+SY8.220 | 1 | \$15,657.00 | 58\% | \$6,575.94 |
| F6500HD+SY8-230MET |  |  | F6500HD+SY8:230MFT | 1 | \$17,433.00 | 58\% | \$7,321.86 |
|  |  |  | F650.150SHP+2'AFBup-S. $\times 1$ | 1 | \$3,474.00 | 58\% | \$1,459.08 |
| F650-150SHP $2^{2}$ AFEBUP. $\mathrm{X}_{1}$ |  |  |  | 1 | \$3,387.00 | 58\% | \$1,422.54 |
| F650-150SHP+2 2 AFX24-MFT-S. $\times 1$ |  |  |  | 1 | \$3,597.00 | 58\% | \$1,510.7 |
| 550-150SHP+2-AFX24-MET-X1 | Belimo |  |  | 1 | \$3,509.00 | 58\% |  |
| F650-150SHP+GKK24MF- $\times 1$ | Belimo |  |  |  |  |  |  |
|  | Belimo | Failsaie, 500 intb, Mr, 24V |  |  | \$3,980.00 | 58\% |  |
| F650-150SHP + GME24.3. $\times 1$ | Belimo |  | F650.150SHP+GME24-3. $\mathbf{x}^{1}$ | 1 | \$3,677.00 | 58\% | \$1,544.34 |
| F650-150SHP+GME24-MFT-T-X1 Nat | Belimo |  | F650-150SHP + GMB24-MFT-T-X1 ${ }^{\text {N4H }}$ | 1 | \$4,916.00 | 58\% | \$2,064.72 |
|  |  |  |  | 1 | \$4,432.00 | 58\% | \$1,861.44 |
|  |  |  |  | 1 | \$4,790.00 | 58\% | \$2,011.80 |
| F650.150SHP+GMX24-Mer-T-.x1 N4 |  |  |  | 1 | \$4,558.00 | 58\% |  |
| F650-150 | Belimo |  |  |  |  |  |  |
|  | Belimo |  | F50-150 | + | \$3,136.00 | 58\% |  |
| F650-1505SHP+SY2-110 | Belimo |  | F650-150SHP+SY2-110 | 1 | \$4,786.00 | 58\% | \$2,010.12 |
| F650-150SHP+SY2-120MFT | Belimo |  | F650-150.HP+SYY2-120MFT | 1 | \$6,584.00 | 58\% | \$2,765.28 |
| F650-150SHP+SY2.220 |  |  | F650-150SHP+SY2.220 | 1 | \$4,786.00 | 58\% | \$2,010.12 |
| F650-150SHP+SY2-230MFT | Bellmo |  | F650-150SHP+SYY2-230MFT | 1 | \$6.584.00 | 58\% |  |
|  |  | hetur |  |  |  |  |  |

The scope of this contract includes the following
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated hicroprocessor-Controled HVAC Equipment in a buiding or faciiity. Buiding Management Systems and Builing Control Sytems are also subcategories of Building Automation Systems.
3. Itegrated Microprocesor-Cotroled HVAC Equ Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and . commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, etc.) to communicat.
platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

解, systems integration, or mainten ine of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor-controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxia \& fiber optic), wire, condwit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. Gendi- Vipo

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

|  |  |  |  | Narranty Period - \# of year(s) after eptance as required by Appendix B, |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Alpil | umb | NVS Nel Price |
| F650-150SHP+SY2.24 | Belimo |  | F650-150SHP+SY2-24 | 1 | \$4,786.00 | 58\% | \$2,010.12 |
| F650-150SHP+SY2.24MET | Belimo |  | F650-150SHP+SY2.24MET | 1 | \$6,584.00 | 58\% | \$2,765.28 |
|  | Belimo |  | F650-305SHP+2'AFEUP.S. $\times$ ¢ ${ }_{1}$ | 1 | \$3,831.00 | 58\% | \$1,609.02 |
|  | Beli |  | F650-300SHP+2-AFBUP. X1 $_{1}$ | 1 | \$3,744.00 | 58\% | \$1,572.48 |
|  | Belimo |  |  | 1 | \$3,958.00 | 58\% | \$1,662.36 |
| F650-305SPP+2:AFX24.4FT-X1 | Beimo |  | F660:30SHP+2'AFX24-MFT-X1 | 1 | \$3,870.00 | 58\% | \$1,625.40 |
|  | Belimo |  |  | 1 | \$5,606.00 | 58\% | \$2,354.52 |
| F650.300SHP $+2 \cdot \mathrm{Gm} 324.3 \times 1$ | Belimo |  |  | 1 | \$3,705.00 | 58\% | \$1,556.10 |
| F650-300SHP+2'GMX24.MF-.-x1 | Belimo |  |  | 1 | \$3,926.00 | 58\% | \$1,648.92 |
| F650-300SHP+GGK24-MFT-X1 | Beimo |  |  | 1 | \$4,903.00 | 58\% | \$2,059.26 |
| F650-300SHP+GMB24-3. ${ }^{1}$ | Belimo |  |  | 1 | \$3,361.00 | 58\% | \$1,411.62 |
|  | Belim |  |  | 1 | \$5,138.00 | 58\% | \$2,157.96 |
|  | Belimo |  | F650:30SHP+GMCB24-3.->x1 | 1 | \$4,556.00 | 58\% | \$1,913.52 |
|  | Belimo |  |  | 1 | \$4,914.00 | 58\% | \$2,063.88 |
|  | Belimo |  | F650300SHP+GMX24MFT-T-×1 N4 | 1 | \$4,780.00 | 58\% | \$2,007.60 |
| F650:30SSHP+GMX24.MFT-X1 | Belimo |  |  | 1 | \$3,476.00 | 58\% | \$1,459.92 |
| F650-305SHP+SY2-110 | Belim |  | F650-305SHP+SY2-110 | 1 | \$5,147.00 | 58\% | \$2,161.74 |
| F650-300SHP+SY2-120MFT | Beimo |  | F650-300SHP+SY2-120MFT | 1 | \$6,943.00 | 58\% | \$2,916.06 |
| 650-305SHP+SY-220 | Belm |  | 550.300 SHP+SY2-220 | 1 | \$5,147.00 | 58\% | \$2,161.74 |
| F650.300SHP+SY 2 -230MFT | Belimo |  | F650.300sHP+SV2:230MFT | 1 | \$6,943.00 | 58\% | 2,916.06 |
| F650-300SHP+SY̌24 | Belimo |  | F650-300SHP+SY̌2. 24 | 1 | \$5,147.00 | 58\% | \$2,161.74 |
| F650:30SHP+SY2.24MFT | Belimo |  | F650-300SHP+SY2.24MET | 1 | \$6,943.00 | 58\% | \$2,916.06 |
| F650HD+AEBUP.S. $\mathbf{x}_{1}$ | Belim |  |  | 1 | \$933.00 | 58\% | \$391.86 |
| F650HDAAFBup.x1 | - |  | F650HDAFBup-x1 | 1 | \$846.00 | 58\% | \$355.32 |
| F650HD+AFX24.MET-S.x1 | - |  | F650HD+AFF24.MET-S.x1 | 1 | \$1,118.00 | 58\% | \$469.56 |
| F650HD+AFX24-MFT-X1 | Beimo | 2.Way II BFV, SS Disc, 2 " Cov 115, COP 200psi with Sping Reumm, 180 in-lb, MFT, 24V | F650HD+AF××4.MFT-X1 | 1 | \$1,039.00 | 58\% | 436.38 |
| C65OHDAMB22.3. $\times 1$ | Beimo |  | 650HD+AMB24.3. $\mathbf{1}_{1}$ | 1 | \$635.00 | 58\% | 266.70 |
| F650HDAAMX24.MFT-×1 | Belimo |  | F650HD+AMX24MF-×1 | 1 | \$759.00 | 58\% | \$318.78 |
| F650HD+AB824-3 | Belimo |  | F650HD+AB824.3 | 1 | \$635.00 | 58\% | \$266.70 |
| F650HDAAB24.3.5 | Belimo |  | F650HDAAB24 a $^{5}$ | 1 | \$635.00 | 58\% | \$266.70 |
| F650HD+AR824-MFT | Beimo |  | F650HD+AB824MFT | 1 | \$759.00 | 58\% | \$318.78 |
| F650HDARB24MF-5 |  |  | F650HD+AB824MF-5 | 1 | \$759.00 | 58\% | \$318.78 |
| F650HD+GB824MFT.T NAH | Beimo |  | F650HDGGB824.MF-T NAH | 1 | \$1,991.00 | 58\% | \$836.22 |
| F650HD+GRCB243.7 ${ }^{\text {NaH }}$ | Belimo |  | f60HotGRCB24.3.7Nat | 1 | \$1,669.00 | 58\% | \$700.98 |
|  | Belimo |  | F650H+GRCX24.3.TN4 | 1 | \$1,311.00 | 58\% | 550.62 |
| F650Hotarx24MFT-TN4 | - |  | F650HD+GRX24.MT-T.TN4 | 1 | \$1,633.00 | 58\% | \$685.86 |
| F650HD+SY2-110 |  |  | F660HD+SY2-110 | 1 | \$2,355.00 | 58\% | \$989.10 |
| F650HD+SY2-120MFT |  |  | F650HD+SY2-120MFT | 1 | \$3,671.00 | 58\% | \$1,541.82 |
| F650HD+SY2-220 |  |  | F650HD+SY2-220 | 1 | \$2,355.00 | 58\% | \$989.10 |
| F650HD+SY2.230MFT |  |  | F650HD+SY2-230MFT | 1 | \$3,671.00 | 58\% | \$1,541.82 |
| 550H0+SY2-24 |  |  | F650HD+SY2.24 | 1 | \$2,355.00 | 58\% | \$989.10 |
| F650H+SYY:24MET |  |  | F650Hostre24MET | 1 | \$3,677.00 | 58\% | \$1,541.82 |
| F650HDUAAFBuP-S.x1 |  |  |  | 1 | \$871.00 | 58\% | \$365.82 |
|  | Bermo |  |  | 1 | \$784.00 | 58\% | \$329.28 |
|  | Belimo |  |  |  |  |  |  |
| F650HDUUAFX24-MF-S-×1 | Belimo |  | F650HDUHAFX24MFT-S $\times 1$ | 1 | \$1,002.00 | 58\% | \$420.84 |
|  | Belimo |  |  | ' | \$922.00 | 58\% | \$387.24 |
| F650HDU+AM324.3.1 | Belimo |  | F650HDO+AMB24 3 . $\times 1$ | 1 | \$613.00 | 58\% | \$257.46 |
| F65OHOUAMX24-MF--x1 | Beimo |  | F650HDUAAMX24-MFT-X1 | 1 | \$752.00 | 58\% | \$315.84 |
| F650HDUARB243 | Beimo |  | F650HOUARB24.3 | 1 | \$610.00 | 58\% | \$256.20 |
| F650HOUABB24.3.5 |  |  | F650HDUARB824.5 | 1 | \$610.00 | 58\% | \$256.20 |
| F650HDU+ARB24MFT |  |  | F650HDUYARB24-MFT | 1 | \$749.00 | 58\% | \$314.58 |
| F650HDUAAB824MFT-5 | Belimo |  |  |  |  |  |  |
|  | Belimo |  |  | , | \$749.00 | 58\% | \$314.58 |
| F650HDUUGG824-MFT-TNA | Belimo |  | F650HDUUGGB24-MFT-T NaH | 1 | \$1,760.00 | 58\% | \$739.20 |
|  | Belimo |  | F650HDUHRCB224.-TN4H | 1 | \$1,662.00 | 58\% | \$698.04 |
| F650HDUUGRCX24.3.TN4 |  |  | F650HOUGGRCX24.3.TN4 | 1 | \$1,304.00 | 58\% | \$547.68 |
| F650HDUUGRX24.MFT-TN4 |  |  | F650HOUGGX24-MFT-TN4 | 1 | \$1,402.00 | 58\% | \$588.84 |
| F650HOU+SYY-110 |  |  | F650HDU+SYY-110 | 1 | \$2,099.00 | 58\% | \$881.58 |
| F650HOUSY-1-10P |  |  | F650HDU+SY1-110P | 1 | \$3,320.00 | 58\% | \$1,394.40 |
| F650HOUHYY1-220 | Belimo | OnOff, $120 \mathrm{OV}, \mathrm{NEMA} 4 \mathrm{X}$ | F650HOU SY 1.220 | 1 |  |  |  |
|  | Belimo |  | F650HDUTSYT-220 | , | \$2,099.00 | 58\% | \$881.58 |
| F650HDU + SY 1 -220P | Belimo |  | F650HDUSYY1-220P | 1 | \$3,320.00 | 58\% | \$1,394.40 |
| F650HDU + SY1-24 |  |  | F660HOU+SY1-24 | 1 | \$2,099.00 | 58\% | \$881.58 |
|  | no | , Onolitar, ,NENA AX |  |  |  |  |  |
| F650HUU+SY1-24P | Belimo |  | F650HOUHYY-24P | 1 | \$3,320.00 | 58\% | \$1,394.40 |
| F650VIC+AEBUP.S. $\times 1$ | Belimo |  | F650VIC+AFBUP.S. $\times 1$ | 1 | \$1,702.00 | 58\% | 14.84 |
| Sovicafebup.x1 |  |  | F650VICAFEBUP. $\times 1$ | 1 | \$1,615.00 | 58\% | \$678.30 |
| F650VIC+AFX24-MFT-S.X1 | Belimo Belimo |  | F650VIC+AFX24-MFT-S.x1 | 1 | \$1,780.00 | 58\% | \$747.60 |
|  | Belimo | 2 -way groved BFV, 2 \%, COP 200psi with Spping Return, 880 inlb , MFT, 24V | F650VIC+AFX24-MFT-X1 | 1 | \$1,711.00 | 58\% | \$718.62 |
| F650VIC+AMB24-3×1 | Belimo |  | F650VIC+AMB24 $3 \times 1$ | 1 | \$1,420.00 | 58\% | \$596.40 |
| F650VIC+AMX24-MF- $\times 1$ | Belimo | 2-way groved BFV, 2\%, COP 200si with Non.Sping Reutm, 180 in-lb, MFT, 24V | F650VC+AMX24MF-T. ${ }_{1}$ | 1 | \$1,590.00 | 58\% | \$667.80 |
| F650VC + SYY 1 -110 |  |  | F650VIC+SY1-110 | 1 | \$2,610.00 | 58\% | \$1,096.20 |
| F650VIC+SY-1110P |  |  | F650VIC+SY-1110P | 1 | \$4,003.00 | 58\% | \$1,681.26 |
| F650VIC+SYY-220 |  | 2.way groved BFV, 2 ; COP 200psi with Non-Sping Reumm,30 in.lb, Onolftr,230V,NEMA 4X | F650VIC+SY1-220 | 1 | \$2,610.00 | 58\% | \$1,096.20 |
| F650VIC+SY-2200 | Bermo |  | F650VIC+SY1-220P | 1 | \$4,003.00 | 58\% | \$1,681.26 |

The scope of this contract includes the following:
Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated icroprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mouted IIstedl Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integr
products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocls (eg. BACNet, LonTalk, Modbus, etc.) to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated platforms/systems.
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 , b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and of Itegrated Microprocessor-Based HVAC Equipment;

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he

Factory Installed/Factory-Provided micro-processor--controlled included/controte $/ \mathbf{O}$ modules, etc. which are not
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxia \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose IT, Telecommunications, Networking Cabling, Fiber Optics (e.g. phone, pbx, digital centrex, digital key systems, television, cable, T-Line, general broadband,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

|  |  |  |  | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, <br> Clause $54^{\prime \prime}$ | List Pice | \% Discomm | Nvs Nel Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| F650VIC+SY1-24 | Belimo |  | ${ }_{\text {F }}^{650 V 1 C+S Y Y} 124$ | 1 | \$2,610.00 | 58\% | \$1,096.20 |
| F650VIC+5Y1-24P |  |  | F650VC+SY1-24P | 1 | \$4,003.00 | 58\% | 1,681.26 |
| F6600-150SHP+SY10-110 |  | 2.Way SHP BFV, 316 SS Diss, 24", Cr 11550222055 Seat Material RTFE ASME Class 150 with | F6600-150SHP+SYY0-110 | 1 | \$55,732.00 | 58\% | 23,407.44 |
| F6600-150SHP+SYY0-120MFT | Belmo |  | F6600-150SHP+SYY0-120MFT | 1 | \$57,760.00 | 58\% | \$24,259.20 |
| F6600-150SHP+SY10-220 |  | SHP PEV, 316sS Disc, 24", Cov 11550/20550 Seat Material RTFE AS | F6600-150SHP+SY10-220 | 1 | \$55,732.00 | 58\% | \$23,407.44 |
| F6600-150SHP+SY10-230MFT | Belimo |  | F6600-150SHP+SY10-230NFT | 1 | \$57,760.00 | 58\% | \$24,259.20 |
|  | Belimo | Non-Sping Reum, 22250 in-1, MFT, ,300, NEMA 4 X |  |  |  |  |  |
| 500.30SSHP+SY10-110 | Belimo |  | F6600-305SHP+SY10-10 | 1 | \$76,360.00 | 58\% | 71.20 |
| F660.300SHP+SY10.120MFT | Belimo |  | F660.300SHP+SY10-120MFT | 1 | \$78,386.00 | 58\% | \$32,922.12 |
| 6600.300SHP+SY10.220 | Belimo |  | F6600-305SHP+SY10.220 | 1 | \$76,360.00 | 58\% | . 20 |
| F6600-305SHP+SYY0-230MFT | Belimo |  | F6600.300SHP+SYY0.230MFT | 1 | \$78,386.00 | 58\% | 2,922.12 |
| F6600HP+SY11-10 | , |  | F6600HD+SY1-1-10 | 1 | \$25,868.00 | 58\% | \$10,864.56 |
| F6600HD+SYY1-200NFT |  | OIBFF, SS Disc, 24" Cu 431116 , Cop 1 150psi with Non-Spring Reumm.26700 | F6600HD+SYY1-120MFT | 1 | \$28,200.00 | 58\% | \$11,844.00 |
| F6600HD+SY11-220 |  |  | F6600HD+SY11-220 | 1 | \$25.868.00 | 58\% | \$10,864.56 |
|  | Belimo |  |  |  |  |  |  |
| F6600HD+SY11-230MFT | Belimo | 2-Way DI BFV, SS Disc, $24 "^{\prime \prime}$ Cv 43116, COP 150psi with Non-Spring Return,26700 inb, MFT 230V NEMA 4X | F6600HD+SY11-230MFT | 1 | \$28,200.00 | 58\% | \$11,844.00 |
| F665-150SHP+2'AFBUP-S. $\times 1$ | Belimo |  | F665-150SHP+2'AFBUPP. $\times$. ${ }^{1}$ | 1 | \$3,491.00 | 58\% | 6.22 |
| F665-150SHP+2-AFBUP-X1 | Belimo |  | F665-150SHP+2'AFBUP-X1 | 1 | \$3,404.00 | 58\% | \$1,429.68 |
| F665-150SHP+2'AFXX24MFT-S. $\times 1$ | Belimo |  | F665-15SHHP+2'AFX24-MET.-Sx1 | 1 | \$3,705.00 | 58\% | ,556.10 |
| F665-150SHP+2AAFX24-MET-X1 | , |  | F665-150SHP+2'AFX24-MET-X1 | 1 | \$3,529.00 | 58\% | \$1,482.18 |
| F665-150SHP+GKK24.MET-X1 | Belin |  | FT. $\times 1$ | 1 | \$4,003.00 | 58\% | 681.26 |
| F665-150SHP+GMB224.3. ${ }^{1}$ |  | 2.Way SHP bFV, $3165 S$ Disc, 2.5 ", Cv 800/46 Seat Materal RTFE AMME Class 150 with Non. | F665-150SHP+GMB24 3 - $\mathbf{1}_{1}$ | 1 | \$3,036.00 | 58\% | \$1,275.12 |
| F666-150SHP+GME24.MT-T-X1 NaH |  |  | F666-150SHP+GME24-MT-T-X1 NAH | 1 | \$4,984.00 | 58\% | \$2,093.28 |
|  | Beli | Non-Sping Reum, 360 inlb, MFT, 24, N, NEMA AH |  |  | \$4,807.00 | \% |  |
| F666-15SSHP+GMCB24-3.7. 1 N4 | Belimo |  | F665-150SHP+GMCB24-3.7.x1 N4 | 1 | \$4,507.00 | 58\% | 1,892.94 |
| F665-15SHP+GMCB24-3.-71 NaH | Belimo |  |  | 1 | \$4,865.00 | 58\% | 043.30 |
| F665-150SHP+GMX24-Mer-T.-X1 N4 |  |  | F666-150SHPGGMX24.Mer-T-X1 N4 | 1 | \$4,626.00 | 58\% | .942.92 |
| F665-150SHP+GMX24MF-TX |  |  | F665-150SHP+GMX24MF-X1 | 1 | \$3,350.00 | 58\% | \$1,407.00 |
| F665-150SHP+SY2-110 |  |  | F665-150SHP+SY2-110 | 1 | \$4,807.00 | 58\% | 18.94 |
| F665-150SHP+SY2-120MFT | Belimo |  | F665-150SHP+SY2 -120MFT | 1 | \$6,600.00 | 58\% | \$2,772.00 |
|  | Belimo | Spring Retur, 80 inimb, MFT, 120V, NEMA AX |  |  |  |  |  |
| F665-150SHP+SY2.220 | Belimo |  | F665-150SHP+SY2-220 | 1 | \$4,807.00 | 58\% | \$2,018.94 |
| F665-150SHP+SY2.230MFT | Belimo |  | F665-150SHP+SY ${ }^{\text {P230MFT }}$ | 1 | \$6,600.00 | 58\% | \$2,772.00 |
| F665-150SHP+SY2-24 |  |  | F665-150SHP+SY2-24 | 1 | \$4,807.00 | 58\% | \$2,018.94 |
| F665.150SHP+SY2.24MFT | Belimo |  | F666.150SHP+SY2-24MNT | 1 |  | 58\% |  |
|  | Belimo | Spring Reum, $8001 \mathrm{in-10}$, MFT, ,24, , NEMA 4 X |  |  |  |  |  |
|  | Belimo |  |  | 1 | \$3,763.00 | 58\% | \$1,580.46 |
| F665300SHP+2AAFBUP-X1 | Belimo |  | F665-300SHP+2AREBUP.X1 | 1 | \$3,763.00 | 58\% | 1,580.46 |
|  | Belimo |  |  | 1 | \$3,972.00 | 58\% | \$1,688.24 |
| F665-30SHPP+2AAFX24-MFT-X1 |  |  | F666.30SHPP $2^{2}$ AFx24-MFT-X1 | 1 | \$3,884.00 | 58\% | 1,631.28 |
| F666.300SHP+2'GKK24-MF--X1 | Belimo | Recurn, 180 inimb, MFT, 24V |  |  |  |  |  |
|  | Belimo |  | F665-300SHP+ 2'GKK24-MFT-X1 $^{\text {a }}$ | 1 | \$5,626.00 | 58\% | \$2,362.92 |
|  | Belimo |  | F665.3005HP+2'GMB224.3.1 | 1 | \$3,726.00 | 58\% | . 92 |
| F665-300SHP+2'.CMX24.MF- $\times 1$ | Belimo |  | F665-3005HP+2'CMX24MF- $\times 1$ | 1 | \$3,946.00 | 58\% | .557.32 |
| F665-300SHP+GGX24-MF-.x1 | Belimo | Way SHP PFV, 31655 Disc, |  | 1 | \$4,343.00 | 58\% | 24.06 |
| F665-305SPPGMB24.3. $\mathbf{x}^{1}$ |  |  | F665-305SP+GMB24 - $^{1} 1$ | 1 | \$3,376.00 | 58\% | 17.92 |
| F666.300SHP+GMB24.MET-T-X1 N4H | Belimo |  | F666-300SHP+GME24.MET-T-X1 N4H | 1 | \$5,374.00 | 58\% | \$2,257.08 |
|  | Belimo |  | F06. |  |  | 58\% |  |
| F66-300SHP+GMCB24-3.-.x. 1 N4 | Belimo |  | 666-305SHP+GMCB24-3.-7x ${ }^{\text {N } 4}$ | 1 | \$4,798.00 | 58\% | \$2,015.16 |
| F665-300SHP+GMCB24.3.-.x1 NaH | Belimo |  |  | 1 | \$5,156.00 | 58\% | 165.52 |
| F665-300SHP+GMX24-MFT-T-X1 N4 | Belimo |  |  | 1 | \$5,016.00 | 58\% | 2,106.72 |
|  | Belimo |  | F665-300SHP+GAMX24MF-->1 | 1 | \$3,495.00 | 58\% | 67.90 |
| F665-300SHP+SY2-110 |  |  | F665.300sHP+SY2-110 | 1 | \$5,164.00 | 58\% | \$2,168.88 |
| F665.3005HP+SY2-120MFT | Belimo |  | F665.305SHP+SY2-120MFT | 1 | \$6,960.00 | 58\% | 20 |
| F666-300sHP+SY2-220 |  |  | F665-305SHP+SY2.220 | 1 | \$5,164.00 | 58\% | \$2,168.88 |
| F665.305SHP+SY2-230MFT | Belimo |  | F665-300SHP+SV2:230MFT | 1 | \$6,960.00 | 58\% | \$2,923.20 |
|  | Belimo | Sping Reum, 801 in-lb, MFT, 230, , NEMA AX |  |  |  |  |  |
| F665-30SHP+SY2.24 | Belimo |  | F665-300SHP+SY2.24 | 1 | \$5,164.00 | 58\% | \$2,168.88 |
| F666-300SHP+SY2-24MFT | Belimo |  | F666-300SHP+SY2-24MFT | 1 | \$6,960.00 | 58\% | \$2,923.20 |
| F665HDAFEBP.S. $\times 1$ | , |  | F665HDAFBUP.S. $\times 1$ | 1 | \$1,122.00 | 58\% | \$471.24 |
| F665HD+Afbup-x ${ }^{\text {1 }}$ | Belimo |  | F665HD+AFBup-x1 | 1 | \$1,035.00 | 58\% | 334.70 |
|  | Belimo |  | F665HDAAFX24-MTT.S.X1 |  | \$121400 |  |  |
|  | Belimo |  |  | , | \$,214.00 | 58\% | 509.88 |
| F665HDAFX24-MFT-×1 | Belimo |  | F665HDAF-X24.MF-X1 | 1 | \$1,267.00 | 58\% | 2. 14 |
| F6551+AMB223.31 | Belimo |  | F665HD+AMB24.3. ${ }^{\text {1 }}$ | 1 | \$654.00 | 58\% | \$274.68 |
| F665HD+AMX24.MF- x $^{1}$ | Belimo |  | F665HD+AMX24.MF- - $_{1}$ | 1 | \$791.00 | 58\% | \$332.22 |
| F665HD+ABB24-3 |  |  |  | 1 | \$654.00 | 58\% | \$274.68 |
| F665HDARAB24.3.5 | Belimo | 5" Cv 196, Cop 200ess wiht Non-Spring Reum, 180 in | F665HD+AR824.3.5 | 1 | 4.00 | \% | 74.68 |
|  | Belimo | ,Onottrimating,24V |  |  |  |  |  |
| F665HD+ARB24-MFT | Belimo |  | F665HD+ABB24MFT | 1 | \$791.00 | 58\% | 32.22 |
| F665HDAAB824MFT. 5 |  |  | F665HDARB24MFT-5 | 1 | \$791.00 | 58\% | \$332.22 |
| F665HD+GB824.MF-T NAH |  |  | F665HD+GB824.MF-T. NAH | 1 | \$2,181.00 | 58\% | \$916.02 |
| F665HD+GRC824.3.7 N4H |  |  | F665HD+GRC824.3.7 T 4 H | 1 | \$1,859.00 | 58\% | \$780.78 |
| F665H+G+GCX 24.3 - Na |  |  | F665H0+GRCX24.3. N 4 | 1 | \$1,501.00 | 58\% | S30.42 |
|  | Belimo |  |  |  |  |  |  |
| F665HD+GRK24-MFT-TN4 | Belimo |  | F665HD+GRK24.MFT-TN4 | 1 | \$1,823.00 | 58\% | \$765.66 |
| F665HD+SY2-110 | Belimo |  | F665HP+S2-110 | 1 | \$2,365.00 | 58\% | \$993.30 |
| F665HD+S22-120MFT | Belmo |  | F665HD+SY2-120MFT | 1 | \$3,681.00 | 58\% | 6.02 |
| F665HD+SY2.220 |  |  | F665HD+SY-220 | 1 | \$2,365.00 | 58\% | 993.3 |
| F665HD+SY2-230MET | Belimo | Onloftr,230V, NEMA 4X |  |  |  |  |  |
| F665b+5V2:230NFT | Belimo |  | F665HD+SV2:230MFT | 1 | \$3,681.00 | 58\% | \$1,546.02 |
| F665HD+SY2.24 | Belimo |  | F66SHD+SY2.24 | 1 | \$2,365.00 | 58\% | . 30 |

The scope of this contract includes the following:
Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated
Microprocessor-Controlled HVAC Equipment in a building or facility, Building Management Systems and Buiding Control Systems are also subcategories of Building Automation Systems hicroprocessor-Controled HVAC Equipment in a building or faciiity. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equpent sues Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Monted Inctedl Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and . commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, etc.) to communicat.
platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
tegration, mainten of Integrated Microprocessor-Based HVAC Equipment;

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxia \& fiber optic), wire, condwit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose IT, Telecommumications, Networking Cabling, Fiber Optics (e.g. phone, pbx, digital centrex, digital key systems, television, cable, T-Line, general broadband,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency

| Oodel Number |  | Uuel Desaripion | cloode | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, | List Price |  | NVs Nal Pitee |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| F665H0+SY2.24NT | Belimo |  | F665H0+SY2-24MFT | 1 | \$3,681.00 | 58\% | \$1,546.02 |
| F665HDUAAFBUP.S. x $^{1}$ | Belimo |  | F665HUUAFEUP.S. $\times 1$ | 1 | \$902.00 | 58\% | \$378.84 |
|  | Bel |  | F665HDUAAFBup.X1 | 1 | 8815.00 | 58\% | \$342.30 |
| F665HDUAAFX24.MFT-S. 1 | Belimo |  |  | 1 | \$1,025.00 | 58\% | \$430.50 |
| F665HDUAFFX24.MF-X1 | Beimo |  |  | 1 | 9943.00 | 58\% | \$396.06 |
| F665HDUAMB24-3. ¢ | Beimo |  | 24.3.31 | 1 | \$646.00 | 58\% | \$271.32 |
| F665HOUAMX24-MFT-X1 | Belmo |  | F665HDUAM 2 24-MET-X1 | 1 | \$785.00 | 58\% | \$329.70 |
| F665HOUARB24.3 | Bel |  | HDU + ARB24-3 | 1 | \$643.00 | 58\% | \$270.06 |
| F665HOUAAB824.3.5 | Belimo |  | F665HDUAAB824.5 | 1 | \$643.00 | 58\% | \$270.06 |
| F66HDUHARB24MFT | Belimo |  | F665HDUARB24MFT | 1 | \$781.00 | 58\% | \$32 |
| F665HDUARB24-MF- 5 | Belimo |  | F665HDUARB24-MF- 5 | 1 | 781.00 | 58\% | 328.02 |
| F665HOUGGB824MFT-TNAH | Beimo |  | F665HOUGGB824MFT-TNAH | 1 | \$1,756.00 | 58\% | \$737.52 |
| F665HOUGRCB24.3.TNAH | Belim |  | F665HUHRGCB24.3.TNAH | 1 | \$1,725.00 | 58\% | \$724.50 |
| F665HDU+GRCX243.7 N 4 | Belim |  | F665HDUGARCX24.3.T N4 | 1 | \$1,367.00 | 58\% | 574.14 |
| F66SHDU_GRX24-MfT-TN4 | Belimo |  | F66SHDUGAR24-MfT-TN4 | 1 | \$1,398.00 | 58\% | \$587.16 |
| F665HDU+SYY-110 | Belimo |  | F665HDU+SY $1-110$ | 1 | \$2,118.00 | 58\% | \$889.56 |
| F665HUUSYY-110P | Belimo |  | F665HUUSYY-110P | 1 | \$3,333.00 | 58\% | \$1,399.86 |
| F665HDU+SY -220 | Belimo |  | F665HDUHYY-220 | 1 | \$2,118.00 | 58\% | \$889.56 |
| F665HUU+SY1-220P | Belim |  | F665HDUSYY-2200 | 1 | \$3,333.00 | 58\% | \$1,399.86 |
| F66HHUHYY1-24 | Beimo |  | F65HDUUSY1-24 | 1 | \$2,118.00 | 58\% | \$889.56 |
| F665HDU+SYY-24P | - |  | F665HDU + SY 1.24 P | 1 | \$3,333.00 | 58\% | \$1,399.86 |
| F665VIC+2'AFBup-s. $\times 1$ | Beimo |  | F665VIC+2PAFBup-s.x1 | 1 | \$2,606.00 | 58\% | \$1,094.52 |
| F665VIC+2AFEBUP.X1 | Belimo |  | F665VIC+2 $2^{\text {AFBUP }}$ - $\mathrm{Xl}_{1}$ | 1 | \$2,519.00 | 58\% | \$1,057.98 |
| F665VIC+2APEx24.Mer-s.x1 | Belimo | 2.way froved BFV, 2.5", COP 200psi wit Spring Return, 180 in-lb, MFT, 24V | F665VIC+2'AFEX24Mf-S.-x1 | 1 | \$2,827.00 | 58\% | \$1,187.34 |
| F66SVIC+2'AFX24-MFT-X1 | Belimo |  | F665VIC+2AAFX24.MF-.x1 | 1 | \$2,705.00 | 58\% | \$1,136.10 |
| F665VIGAABUPP.S.X1 | Belimo |  | F665VIC+AFBup.s. $\mathrm{x}_{1}$ | 1 | \$2,285.00 | 58\% | \$959.70 |
| F665VICAABUP-x1 | Belimo |  | F66sVIC+AFBUP.x1 | 1 | \$2,198.00 | 58\% | \$923.16 |
| F665VICAAF224MFT-S.x1 | Belimo | 2.way groved BFF, 2.5." COP 200psi whit Sping Retur, 180 in-lb, MFT, 24V |  | 1 | \$2,424.00 | 58\% | \$1,018.08 |
|  | Belimo | 2.way groved BFF, 2.5.5. COP 200psi with Sping Retur, 188 in-lb, MFT, 24V | F665VICAF-X24-MFT-x1 | 1 | \$2,314.00 | 58\% | \$971.88 |
| F665VIC+ME824-3.1 | Belimo |  | F665VIC+MB324-31 | 1 | \$1,720.00 | 58\% | \$722.40 |
| F665VIC+AMX24-MFT-X1 <br> F665VIC+GMB24-3-X1 | Belimo | 2-way grooved BFV, 2.5", COP 200psi with Non-Spring Return, $180 \mathrm{in}-\mathrm{lb}, \mathrm{MFT}, 24 \mathrm{~V}$ 2-way grooved BFV, 2.5", COP 200psi with Non-Spring Return,360 in-lb ,On/Off/Floating,2 | F665VIC+AMX24-MFT-X1 F665VIC+GMB24-3-X1 | 1 | \$1,887.00 | 58\% | \$792.54 $\$ 783.72$ |
|  | Belimo |  |  | 1 | \$1,866.00 |  |  |
|  | Belimo |  |  | 1 | \$1,956.00 | 58\% | \$821.52 |
| F665VIC+SYY-110 | Belimo |  | F665VIC+SYY-110 | 1 | \$2,739.00 | 58\% | \$1,150.38 |
| F665VC+SYY-110P | Belimo |  | F665VIC+SY1-110P | 1 | \$4,229.00 | 58\% | \$1,776.18 |
| F665VIC+SY1-220 | Belimo |  | F665VIC+SYY-220 | 1 | \$2,739.00 | 58\% | \$1,150.38 |
| F665VC+SY1-220P | Belimo |  | F665VC+SY1-220P | 1 | \$4,229.00 | 58\% | \$1,776.18 |
| F65vVIC+SY1-24 | Belimo |  | F665VIC+SY1-24 | 1 | \$2,739.00 | 58\% | \$1,150.38 |
| F665VIC+SY1-24P | Belimo |  | F665VIC+SY1-24P | 1 | \$4,229.00 | 58\% | \$1,776.18 |
| F6750-150SHP +SY12-110 | Belimo |  | F6750-150SHP+SY12:110 | 1 | \$96,992.00 | 58\% | \$40,736.64 |
| F6750-150SHP+SY12-20MMT | Belimo |  | F6750-150SHP+SY12-120NFT | 1 | \$98,821.00 | 58\% | \$41,504.82 |
| F6750-150SHP+SY12-220 | Belimo |  | F6750-150SHP+SY12-220 | 1 | \$96,992.00 | 58\% | \$40,736.64 |
| F6750-150SHP+SY12.230MFT | Beimo |  | F6750-150SHP+SYY12-230MFT | 1 | \$98,821.00 | 58\% | \$41,504.82 |
| F6750HD+SY12:110 |  |  | F6750HD+SY12:110 | 1 | \$42,577.00 | 58\% | \$17,882.34 |
| F6750HD+SY12-120MFT |  |  | F6750HD+SY12-120MFT | 1 | \$43,351.00 | 58\% | \$18,207.42 |
| 750HD+SY12.220 |  |  | F6750HD+SY12:220 | 1 | \$42,577.00 | 58\% | \$17,882.34 |
| F6750HD+SY12:230MFT |  |  | F6750HD+SY12-230NFT | 1 | \$43,351.00 | 58\% | \$18,207.42 |
|  | Belimo |  |  | 1 | \$3,512.00 | 58\% | \$1,475.04 |
| F680-150SHP+2'AFEUP-X1 | Beimo | 2.Way SHP BFV, $3165 S$ Disc, $3^{\prime \prime}$ criv28 Seat Mateial RTFE ASME Class 150 with Sping | F680-150SHP+2'AFEUP-X1 | 1 | \$3,425.00 | 58\% | \$1,438.50 |
| F660-150SHP+2'APEx24.MFT-S. $\times 1$ | Belimo |  |  | 1 | \$3,634.00 | 58\% | \$1,526.28 |
| F680-150SHP+2/AFX24-MFT-X1 | Belmo |  | F680-150SHP+2'AFX24-MET-X1 | 1 | \$3,546.00 | 58\% | \$1,489.32 |
| F680-150SHP+GKK24-MF-X1 |  | 2.Way SHP BFV, $3165 S$ Disc, 3 ", Cu 21525228 Seat Materal RTFE ASME Class 150 wit Electronic | F680-150SHP+GGK24-MFT-X1 | 1 | \$4,641.00 | 58\% | \$1,949.22 |
| F680-150SHP+GMB24.3. 1 $^{1}$ |  |  | F680-150SHP + GMB24 $3 . \times 1$ | 1 | \$3,054.00 | 58\% | \$1,282.68 |
|  |  |  | F680-150SHP+GMB24-MET-T.-1 1 N4H | 1 | \$5,093.00 | 58\% | \$2,139.06 |
| F680-150SHP+GMC824-3-7.-x1 N4 |  |  | F680-1505HP+GMCB24.3-7. $\times 1$ N4 | 1 | \$4,614.00 | 58\% | \$1,937.88 |
| F680-150SHP+GMC824-3.-××1 NH | Belimo |  |  | 1 | \$4,972.00 | 58\% | \$2,088.24 |
| F680-1505HP+GM 2 24.MFT.T-X1 N | eimo |  | F6800-150SHP+GMX24.MET.-T. $\times 1$ N4 | 1 | \$4,735.00 | 58\% | \$1,988.70 |
| F680-150SHP+GMX24-MET-X1 | Belimo | Sping Reurn, 36 inibl MrT, 24V NEMA 4 | F680-150SHP+GMX24MFT-x |  |  |  |  |
| F680-150SHP+GMX24MF-X\| | Belimo |  | +an< | , | \$3,173.00 | 58\% | \$1,332.66 |
| F680-150SHP+SY2-110 | Belim |  | F680-150SHP+SY2-110 | 1 | \$4,825.00 | 58\% | \$2,026.50 |
| F680-150SHP+SY̌2-120MFT | Belimo |  | F680-150SHP+SY2-120MFT | 1 | \$6,624.00 | 58\% | \$2,782.08 |
| 00.150SHP+SY2-220 |  |  | 880-150SHP+SY2-220 | 1 | \$4,825.00 | 58\% | \$2,026.50 |
| F680-150SHP+SY2-230MFT | Belimo |  | F680-150SHP+SY2-230MET | 1 |  |  |  |
|  | Belimo | Spring Reumm, 801 in.lb, MPT, 230, , EEMA AX |  |  |  | \% | \$2,782.08 |
| F680-150SHP+SY2.24 | Belimo |  | F680-150SHP+SY2.24 | 1 | \$4,825.00 | 58\% | 6.50 |
| F680-150SHP+SY2.24MET |  |  | F680-150SHP+SY2.24MET | 1 | \$6,621.00 | 58\% | \$2,780.82 |
| F680-30SSHP+2'AFBUPP.S. $\times_{1}$ |  |  | F680-3005HP+2'AFBUP-S.x1 | 1 | \$3,869.00 | 58\% | \$1,624.98 |
|  | Belmo |  |  | 1 | \$3,782.00 | 58\% | \$1,588.44 |
|  | Belimo |  |  |  |  |  |  |
| f60-300SHP+2'AFK24.MT-S-X\| | Belimo |  |  | 1 | \$3,991.00 | 58\% | \$1,676.22 |
| F680-300SHP+2'AFK24-MFT-X1 | Belimo |  | F680-30SHPP $+2^{\text {AFAX } 24-M F T-X 1 ~}$ | 1 | \$3,903.00 | 58\% | \$1,639.26 |
| F680-305SP+2'GGK24-MFT-X1 |  |  |  | 1 | \$5,641.00 | 58\% | \$2,369.22 |
| F680.300SHP+2'GM824.3. $\times 1$ | Belim |  |  | 1 | \$3,740.00 | 58\% | \$1,570.80 |
|  | Belimo |  |  |  |  |  |  |
|  | Bel | (e) |  |  |  | 58\% | \$1,663.62 |
|  | Belimo |  |  | 1 | \$4,343.00 | 58\% | \$1,824.06 |

The scope of this contract includes the following:
Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated

3. Integrated Microprocessor-Controlled HVAC Equipment shas Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mourted Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and . commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, etc.) to communicat.
platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and


The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, Showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor-controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxia \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. Gudio Video

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Iodeal Number |  | drat Descripition | Product Code | $\begin{gathered} \text { "Warranty Period }- \text { \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54 " \end{gathered}$ | List Price | \% Discount | Wrs |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| F680-300SHP+GMB24.3. ${ }^{1}$ | Belimo |  | F680.300SHP+GMB24.3.1 | 1 | \$3,400.00 | 58\% | \$1,428.00 |
|  | Belimo |  |  | 1 | \$5,628.00 | 58\% | \$2,363.76 |
|  | Belimo |  | F680-305SHP+GMC824.3.7. $\times 1$ N 4 | 1 | \$5,049.00 | 58\% | \$2,120.58 |
|  | Bel |  | 660.300SHP+GMCB24-3.7.x1 NAH | 1 | \$5,407.00 | 58\% | \$2,270.94 |
| F680-300SHP+GMX24.MFT-T.-1 1 N4 | Belimo |  | F680:30SHP+GMX24-MFT-T-X1 ${ }^{\text {N4 }}$ | 1 | \$5,270.00 | 58\% | \$2,213.40 |
|  | Belimo |  | D.30SSHP+GMX24MFT-X1 | 1 | \$3,514.00 | 58\% | \$1,475.88 |
| 80:30SHHP-SY2-110 | Belimo | 2-Way SHP BFV, 316SS Disc, $3^{\prime \prime}$, CV 117/223 Seat Material RTFE ASME Class 300 with NonSpring Return,801 in-lb,On/Off, 120V,NEMA 4X | F680-30SHPP+SY2.11 | 1 | \$5,183.00 | 58\% | \$2,176.86 |
| F680-3005HP+SY2-120MFT | Belimo |  | F680.300SHP+SY2-120MFT | 1 | \$6,981.00 | 58 | \$2,932.02 |
| F680-305SHP+SY2-220 | Belimo |  | F680-300SHP+SY-220 | 1 | \$5,183.00 | 58\% | \$2,176.86 |
| F680-300SHP+SY2.230MFT | Belimo |  | F680.300SHP+SV2:230MFT | 1 | \$6,981.00 | 58\% | \$2,932.02 |
| F600.300SHP+SYY:24 | Belimo |  | F680.300SHP+SYY-24 | 1 | \$5,183.00 | 58\% | 2,176.86 |
| F680-300SHP+SY2.24MET | Belimo |  | F680-300SHP+SY2.24MET | 1 | \$6,981.00 | 58\% | \$2,932.02 |
|  | Belimo |  | -s. $\times$ | 1 | \$1,417.00 | 58\% | 595.14 |
| F680HD+2'AFBUP.-X1 | Belimo |  | 80HD+2'AFBup | 1 | \$1,330.00 | 58\% | \$558.60 |
|  | Belimo |  |  | 1 | \$1,803.00 | 58\% | \$757.26 |
| F680HD+2AFAX24MFT-X1 | Belimo |  |  | 1 | \$1,729.00 | 58\% | \$726.18 |
| F680HD+GKR824.4.5 | Belimo |  | F680HD+GKR824.3.5 | 1 | \$1,545.00 | 58\% | \$648.90 |
| F680HDGGKX24.3 | Beimo |  | F680H+GKRX24.3 | 1 | \$1,545.00 | 58\% | \$648.90 |
| F680HD+GKRX24.MFT | Belim |  | F680HD+GKRX24.MFT | 1 | \$1,802.00 | 58\% | \$56.84 |
| F680HDGGKX24.MFT-5 | Belimo |  | F680HDGGKR24.MFT-5 | 1 | \$1,802.00 | 58\% | 756.84 |
| 80НD+amb24.3. | Belimo | 2-Way DI BFV, SS Disc, $3^{4 "}$ Cu 302, Cop 200psi with Non-Spring Retur, 360 in-Ib | F680HD+GMB243:31 | 1 | \$904.00 | 58\% | 379.68 |
| F680H+G+GM 22 -MFT- $\times 1$ | Belimo |  | F680HD+GMX24.MET-X1 | 1 | \$972.00 | 58\% | \$408.24 |
| $\mathrm{F}_{\mathrm{F} 88 \mathrm{HO}+\mathrm{GB88} 24.3}$ | Belimo |  | $\mathrm{F}_{680 \mathrm{H}+\mathrm{CaB82} 2 \cdot 3}$ | 1 | \$904.00 | 58\% | \$379.68 |
| F680H+GAR824.5 | Belimo |  | F680H+GAR824.3.5 | 1 | \$904.00 | 58\% | \$379.68 |
| F680HO+GBB24-MFT | Belimo |  | F680HD+GGB24-MFT | 1 | \$972.00 | 58\% | \$408.24 |
| F680HO+GRB24MFT. 5 | Belimo | 2.Way DI BFV, SS Disc, 4 " Cv 600, COP 50psi with Non-Spring Reeurm,Mer,24V | F680-HDGGB824.MF-5 | 1 | \$972.00 | 58\% | \$408.24 |
| F680HD+GG8824MFT-T NAH | Belimo |  | F680HD+GAB824MF-T NAH | 1 | \$2,204.00 | 58\% | \$925.68 |
| F680HD+GRCB243.T NaH | Belimo |  | 6880HD+GRC824.3.7 TAH | 1 | \$1,883.00 | 58\% | 790.86 |
| F680H+GRCX24.3.7 ${ }^{\text {4 }}$ | Belimo |  | F680H+GRCX24.3.7N4 | 1 | \$1,525.00 | 58\% | \$640.50 |
| F680HD+GRX24.MET-TN4 | Belimo |  | 688HD+GRX24-MFT-TN4 | 1 | \$1,846.00 | 58\% | 8775.32 |
| fsohtosy2-110 | Belimo |  | S80HD+SY2-110 | 1 | \$2,384.00 | 58\% | \$1,001.28 |
| F680HO+SY2-120MFT | Belimo |  | F680HD+SY2-120MFT | 1 | \$3,720.00 | 58\% | 1,562.40 |
| F680HD+SY2.220 | Belimo |  | F6800HDSY2-220 | 1 | \$2,384.00 | 58\% | ,001.28 |
| F680HD+SY2-230MFT | Belimo |  | F680HD+SY2-230MFT | 1 | \$3,720.00 | 58\% | \$1,562.40 |
| F680HD+SY2.24 | Beimo |  | F680HD+SY2.24 | 1 | \$2,384.00 | 58\% | \$1,001.28 |
| F680HO+SY2-24MET | Belim |  | F680HD+SY2.24MFT | 1 | \$3,720.00 | 58\% | \$1,562.40 |
|  | Belimo |  | F680HDUUAFBUP.S. $\times_{1}$ | 1 | \$1,136.00 | 58\% | \$477.12 |
|  | Belim |  | F680HDUUAFEUP. x $_{1}$ | 1 | \$1,049.00 | 58 | \$440.58 |
| F688HDUUAFX24-MFT-S. ¢ $_{1}$ | Belimo |  | F680HDUUAFX24.MFT-S. $\mathbf{x}_{1}$ | 1 | \$1,769.00 | 58\% | \$742.98 |
|  | Belimo |  |  | 1 | \$1,769.00 | 58\% | 42.98 |
| F680HDUAMM24.3.x1 | Belim |  | F6800HOUAMB24.3. $\times 1$ | 1 | \$658.00 | 58\% | 76.3 |
| F680HDU+AMX24-MFT-X1 | , |  | F680HDUAMMX24.MF-.X1 | 1 | \$799.00 | 58\% | \$335.58 |
| F680hDUARB24.3 | Belimo |  | F680HDUARB24 ${ }^{\text {a }}$ | 1 | \$655.00 | 58\% | 275.10 |
| F680HDUAAB824.3.5 | Belimo |  | F680HDUAAB24.3.5 | 1 | \$772.00 | 58\% | \$324.24 |
| F6880HOUARB24.MFT |  |  | F680HHUARB24MFT | 1 | \$795.00 | 58\% | \$333.90 |
| F680HDUARB24-MET-5 |  |  | F680HUUARB24MFT. 5 | 1 | \$795.00 | 58\% | \$333.90 |
| F680hDUGGB824-MFT. NAH |  |  | F680hDU + GB824-MFT-T NaH | 1 | \$1,905.00 | 58\% | \$800.10 |
| F6800HUHGRCB24.3.TN4H |  |  | F680HOUGGCC824.3. NAH | 1 | \$1,805.00 | 58\% | \$758.10 |
| F680HDUGGRCX24.3.T N4 |  |  | F680HDUUGRCX24.3.T N4 | 1 | \$1,447.00 | 58\% | \$607.74 |
| F680HOUGGRX24-MET-TN4 |  |  | F680HOUGER24-MET-TN4 | 1 | \$1,547.00 | 58\% | \$649.74 |
| F680HDU + SY $1-110$ | Belimo |  | F680HDU-SY ${ }^{\text {P-110 }}$ | 1 | \$2,156.00 | 58\% | 905.5 |
| F680HDUSSY1-110P |  |  | F680HDUUSY1-110P | 1 | \$3,351.00 | 58\% | \$1,407.42 |
| OHDU+SY1-220 |  |  | F680HDU+SYY-220 | 1 | \$2,156.00 | 58\% | \$905.52 |
| F680HOUSSY1-220P | Belimo |  | F680HDUUSY1-220P | 1 | \$3,351.00 | 58\% | \$1,407.42 |
| F680HDU_SY1-24 |  |  | F680HDU+SY1-24 | 1 | \$2,156.00 | 58\% | \$905.52 |
| F680HHU+SY1-24P | 标 |  | F680HDU + SY 124 P | 1 | \$3,351.00 | 58\% | \$1,407.42 |
| F6800YC+2'AFBup-. $\times \mathbf{x}_{1}$ | Beilimo |  | F680VIC+2'AFBup-S. $\times 1$ | 1 | \$2.759.00 | 58\% | \$1,158.78 |
| F680V1C+2PAFEUP-X1 | Belimo |  | F680VIC+2'AFBup-x | 1 | \$2,67200 | 58\% | \$1,122.24 |
| F680VIC+GMB24.3.x1 | Belimo |  | F680VIC+GMB24.3. ${ }^{1}$ |  |  |  |  |
|  | Belimo |  | F680VIC+GEMB24-3.1 | 1 | \$1,955.00 | 58\% | \$821.10 |
| F688VIC+GMX24.MFT-X1 | Belimo | 2 -way yrooved BFV, 3", COP 200ps with Non-Sping Reum, 360 in-lb, MFT, 24V | F688VIC+GMX24-MFT-X1 | 1 | \$2,045.00 | 58\% | \$858.90 |
| F680VC + SYY 1 | Belimo |  | F680VIC+SYY-110 | 1 | \$2,852.00 | 58\% | 1,197.84 |
| F680VIC+SY1-110P |  |  | F680VIC+SY-110P | 1 | \$4,134.00 | 58\% | \$1,736.28 |
| F680VIC+SYY-220 |  |  | F680VIC+SYY-220 | 1 | \$2,852.00 | 58\% | \$1,197.84 |
| F680VIC+SY-220P |  |  | F680VC+SY1-220P | 1 | \$4,134.00 | 58\% | \$1,736.28 |
| F680vic+SY1-24 |  |  | F680VIC+SY1-24 | 1 | \$2,852.00 | 58\% | \$1,197.84 |
| F680VIC+SY1-24P |  |  | F680VIC+SY1-24P | 1 | \$4,134.00 | 58\% | \$1,736.28 |
| F680VIC+SY2-110 |  |  | F680VIC+SY2-110 | 1 | \$3,006.00 | 58\% | \$1,262.52 |
| F680VIC+SY2-120MFT |  |  | F680VIC+SY2-120MFT | 1 | \$4,321.00 | 58\% | \$1,814.82 |
| F680VIC+5Y2-220 |  |  | F680VIC+SY2-220 | 1 | \$3,006.00 | 58\% | \$1,262.52 |
| F680VIC+SY2-230MFT |  |  | F680VIC+SY2-230MFT | 1 | \$4,321.00 | 58\% | \$1,814.82 |
| F680vic+SY2.24 |  |  | F680V1C+SY2.24 | 1 | \$3,006.00 | 58\% | \$1,262.52 |

The scope of this contract includes the following:
Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated icroprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc, which are Factory-Mouted [Istalledl Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
of Integrated Microprocessor-Based HVAC Equipment;

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtub showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he

Factory Installed/Factory-Provided micro-processor--controlled included/contald
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxia \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose Telecommunications, Networking Cabling, Fher Optics (e.g. phone, pbx, digital centrex, digital key systems, television, cabe, -Line, general broadband,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Mosel Mumber | Mantracurer | Proculct Deseripliton | Product Code | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| F688VCGF5Y2.24MET |  | $2^{2}$ wag |  |  | List Price | \% Discoum | \$1,814.82 |
| F680VVC+SV2-24NFT | Belimo |  | F680VIC+SY2.24MET | 1 | \$4,321.00 | 58\% | \$1,814.82 |
|  | Belimo | 3-Way SHP BFV, 316 SS Disc, $4^{\prime \prime}, \mathrm{Cv} 248 / 451$ Seat Material RTFE ASME Class 150 with Non- Spring Return,360 in-lb ,On/Off/Floating,24V |  | 1 | \$7,672.00 | 58\% | \$3,222.24 |
| F7700-150SHPP+2'GMB24MFT-T-×1 NaH | Belimo |  |  | 1 | \$9,636.00 | 58\% | \$4,047.12 |
| F7100-150SHP+2'GMC824.3.7. $\times 1$ N4 | Belimo |  | F7100-150SHP+2-GMCB224-3.-x/ 1 N4 | 1 | \$9,029.00 | 58\% | \$3,792.18 |
|  | Belimo |  | F7100-1505HP+2'GMC8824.3-T. $\times 1$ N4H | 1 | \$9,387.00 | 58\% | \$3,942.54 |
| F7100-150SHP+2'GMx24.MET-T-X1 1 | Belimo |  | F7100-150SHP+2'GMx24.MFT-T-1/ 1 N4 | 1 | \$9,281.00 | 58\% | \$3,898.02 |
|  | Belimo |  | F7100-150SHP+2-GMX24-MF--X1 | 1 | \$7,926.00 | 58\% | \$3,328.92 |
| F7100-150SHP+SY 2110 | Belimo |  | F7100-150SHP+SY 2110 | 1 | \$9,496.00 | 58\% | \$3,988.32 |
| F7100-15SHP+SY2-120MET | Belimo |  | F7100-150SHP+SY2-120MFT | 1 | \$11,286.00 | 58\% | \$4,740.12 |
| 100-150SHP+SY2.220 | Belimo |  | F7100-150SHP+SY2-22 | 1 | \$9,496.00 | 58\% | \$3,988.32 |
| F7100-150SHP+SV2-230NFT | Belimo |  | F7700-150SHP+SY2:230MFT | 1 | \$11,286.00 | \% | \$4,740.12 |
| F7100-150SHP+SY2. 24 | Belimo |  | F7100-150SHP+SY2.24 | 1 | \$9,496.00 | 58\% | \$3,988.32 |
| F7100-150SHPSSY2.24MFT | Belimo |  | F7100-150SHP+SY2-24MFT | 1 | \$11,286.00 | 58\% | \$4,740.12 |
|  | Belimo |  |  | 1 | \$13,213.00 | 58\% | \$5,549.46 |
|  | Belimo |  | F7100-3005HP 2 2 6 GMB2 $2 \cdot 3 \cdot \times 1$ | 1 | \$11,331.00 | 58\% | \$4,759.02 |
|  | Beli |  |  | 1 | \$13,787.00 | 58\% | \$5,790.54 |
| F7100:300SHP+2'GMCB224.3.-x1 N 4 | Belimo |  |  | 1 | \$12,208.00 | 58\% | \$5,127.36 |
|  | Belimo |  |  | 1 | \$13,566.00 | 58\% | 5,697.72 |
| F7100:300SHP 2 2-GMx 24 -MFT-T-X1 1 N4 | Belimo |  | F7100.300SHP+2'GMX24.MF-T-X1 1 N4 | 1 | \$12,429.00 | 58\% | \$5,220.18 |
|  | Belimo |  |  | 1 | \$11,554.00 | 58\% | \$4,852.68 |
| F7100.300SHP+SY 2110 | Belimo |  | F7100.300SHP+SY 2110 | 1 | \$13,522.00 | 58\% | \$5,679.24 |
| F7100:300SHP+SY2-120MFT | Beimo |  | F7100:300SHP+SY2-120MFT | 1 | \$15,377.00 | 58\% | \$6,437.34 |
| F7100.300SHP+SV2.220 | Belim |  | F7100.300sHP+SV2.220 | 1 | \$13,522.00 | 58\% | \$5,679.24 |
| F7100:300SHP+SY2:230MET | Belim |  | F7100:300SHP+SY2:230MFT | 1 | \$15,377.00 | 58\% | \$6,437.34 |
| F7100-300SHP+SY2.24 | Belimo |  | F7100:300SHP+SY2.24 | 1 | \$13,522.00 | 58\% | \$5,679.24 |
| F7100:300SHP+SY2.24MFT | Belimo |  | F7100.300SHP+SY2-24MFT | 1 | \$15,327.00 | 58\% | \$6,437.34 |
| F7100:300SHP+SY 3 -110 | Belimo |  | F7100:300SHP+SY 3 -110 | 1 | \$13,770.00 | 58\% | \$5,783.40 |
| F7100:300SHP+SY3-120MFT | Belimo |  | F7100:300SHP+SY3-120MFT | 1 | \$15,578.00 | 58\% | \$6,542.76 |
| F7100:300SHP+SYY 220 | Beimo |  | F7100.300SHP+SYY-220 | 1 | \$13,770.00 | 58\% | \$5,783.40 |
| F7100:300SHP+SY3-230MFT | Belimo |  | F7700:30SHPPSYY -230MFT | 1 | \$15,578.00 | 58\% | \$6,542.76 |
| F7100:305SHP+SY3.24 | Belim |  | F7700:300SHP+SY3:24 | 1 | \$13,770.00 | 58\% | \$5,783.40 |
| F710:300SHP+SY3.24MFT | Belimo | 3.Way SHP BFV, 31655 Disc, 4, Cr Cr 22843535 Seat Material TTFE ASME Class 300 with Non- | F7100.300SHP+5Y3-24MFT | 1 | \$15,578.00 | 5\% | \$6,542.76 |
| F7100HD+2'Gk8243.31 | Bermo |  | F7100HD+2'GK824.3.31 | 1 | \$2,382.00 | 58\% | \$1,000.44 |
| F7100HD+2.9.GB24.3.31 | Belimo |  | F7100HD+2'GMB24.3. $\mathbf{1}^{1}$ | 1 | \$2,382.00 | 58\% | \$1,000.44 |
| F7100HD+2'GMC824-3.-xi ${ }^{\text {N4 }}$ |  |  | F7100HD+2'GMCB24-3.-xi ${ }^{\text {N4 }}$ | 1 | \$3,790.00 | 58\% | \$1,591.80 |
| F7100HD+2'GMX24-MFT-T.x1 N4 | - |  | F7700HO+2'GM224MFT.-.x1 N4 | 1 | \$4,434.00 | 58\% | \$1,862.28 |
| F7100HD+2'GMX24.MF-×1 |  |  | F7100HD+2'GMX24.MFT-X1 | 1 | \$2,687.00 | 58\% | \$1,128.54 |
| F7100HD+SY2-110 | Beimo |  | F7100HD+SY2-110 | 1 | \$4,710.00 | 58\% | \$1,978.20 |
| F7100HD+SY2 120 MFT | Belim |  | F7100HD+SY2-120MFT | 1 | \$5,965.00 | 58\% | \$2,505.30 |
| F7100HD+SY2-220 | Belimo |  | F7100HD+SY2.220 | 1 | \$4,710.00 | 58\% | \$1,978.20 |
| F7100HO+SY2-230MFT | Belimo |  | F7100H+SYY2:230MFT | 1 | \$5,965.00 | 58\% | \$2,505.30 |
| F7100HD+SY2.24 | 硣 |  | F7100HD+SY2.24 | 1 | \$4,710.00 | 58\% | \$1,978.20 |
| F7100HD+SV2-24MFT |  |  | F7100HD+SV2-24MFT | 1 | \$5,965.00 | 58\% | \$2,505.30 |
|  |  |  | F7100HDU+2'GKK24.MET-X1 | 1 | \$4,224.00 | 58\% | \$1,774.08 |
| F7100HOU $2^{\text {'GMMB24.3. }}$ | Belimo |  | F7100HOU $+2 \cdot \mathrm{GmP2} 2 \cdot 3 \cdot \times 1$ | 1 | \$2,365.00 | 58\% | \$993.30 |
| F7100HDU+2'GMB24-MFT-T.-X1 1 NAH |  |  |  | 1 | \$4,671.00 | 58\% | \$1,961.82 |
| F700HDU +2 -GMCB224.3.-x1 N 4 | Belimo |  |  | 1 | \$3,878.00 | 58\% | \$1,628.76 |
| F7100HDU+2. GMCB 24.3 -7. $\times 1 \mathrm{NaH}$ | Belimo |  | F7100HOU+2'GMCB243.7.7. $\times 1 \mathrm{NaH}$ | 1 | \$4,236.00 | 58\% | \$1,779.12 |
| F7100HDU+2'Gmx24.Mfr-T-x1 N4 | - |  | F7100HDU $\mathbf{2}^{2}$ GMX24-MfT-T.-X1 N4 | 1 | \$4,313.00 | 58\% | \$1,811.46 |
| F7100HDU+2'GMX24MTT->1 | Bermo |  | F7100HDU+2'GMX24MF->1 | 1 | \$2,566.00 | 58\% | \$1,077.72 |
| F7100HOUSYY2.10 |  |  | F7100HOU+SY2.110 | 1 | \$4,083.00 | 58\% | \$1,714.86 |
| F7100HDU-SV2-120NFT |  |  | F7100HDU-SY2-120MFT | 1 | \$5,413.00 | 58\% | \$2,273.46 |
| F7100HOU+SY2.220 |  |  | F7700HOU+SY2.220 | 1 | \$4,083.00 | 58\% | \$1,714.86 |
| F7100HDUUSY2-230NFT | Belimo | Onoitliz3ov, NEMA 4x | E7100H0u 5 S2.23 |  |  |  |  |
|  | Belimo |  | Houbutirezsour | , | \$5,413.00 | 58\% | \$2,273.46 |
| F7100HDU+SY2-24 | Belimo |  | F710 | 1 | \$4,083.00 | 58\% | \$1,714.86 |
| F7700HDUSSY-24NFT | Beimo |  | F7700HOUSSY-24MET | 1 | \$5,413.00 | 58\% | \$2,273.46 |
| F7125-150SHP+SY3-110 |  | 3.Way SHP PFV, 316 SS Disc, 5 ", Cr 392714 Seat Material RTEE ASME Class 150 with Non- | F7125-150SHP+SY3-110 | 1 | \$12,759.00 | 58\% | \$5,358.78 |
| F7725-150SHP+SY3-120MFT |  |  | F7725-150SHP+SY3-120MFT | 1 | \$14,563.00 | 58\% | \$6,116.46 |
| F7125-150SHP+SYY-220 |  |  | F7125-150SHP+SY 3.220 | 1 | \$12,759.00 | 58\% | \$5,358.78 |
| F7725-150SHP+SY3-230MET |  | 3.Way SHP BFV, 316 SS | F7725-150SHP+SY3. 230MFT | 1 | \$14,563.00 | 58\% | \$6,116.46 |
| F7722.150SHP+SY3-24 |  |  | F7725-150SHP+SY3-24 | 1 | \$12,759.00 | 58\% | \$5,358.78 |
| F7212-150SHP+SY3.24MET | Belimo |  | F7125-150SHP+SY3-244ET | 1 |  |  |  |
|  | Belimo |  |  |  |  |  | \$6,116.46 |
| F7125.300SHP+SY3-110 | Belimo |  | F712-300SHP+SY3-110 | 1 | \$22,049.00 | 58\% | ¢9,260. |
| F7125.300SHP+SY3. 120 MFT | Beimo |  | F7125-300SHP+SY3-120MET | 1 | \$23,857.00 | 58\% | \$10,019.94 |
| F7125.300sHP+SY3.220 |  |  | F7125-300sHP+SY3-220 | 1 | \$22,049.00 | 58\% | ¢9,260.58 |
| F7725.30SHPPSY3/230MET | Belimo |  | F7125-300SHP+SY3-230MFT | 1 | \$23,857.00 | 58\% | \$10,019,94 |
|  | imo | Soing Reuun, 1335 inlb,M,MT, 230V, NEMA 4X |  |  |  |  |  |
| F7125-300SHP+SY3-24 |  |  | F7125-300SHP+SY3-24 | 1 | \$22,049.00 | 58\% | \$9,260.58 |
| F7125.300SHP+SY3-24MFT |  |  | F7125.300SHP+SY3-24MFT | 1 | \$23,857.00 | 58\% | \$10,019.94 |
| F7125.305SHPSYY4.10 | Belmo |  | F7125-305SHP+SY4.10 | 1 | \$22,567.00 | 58\% | 9,478.14 |
|  | Belimo |  | F7725-300SHP+SY4-120MFT | 1 | \$24.650.00 | 58\% | 0,353.00 |
|  | Belimo | Spping Reum, 3560 inl-M,MFT, 120V, , NEMA 4X |  |  |  |  |  |

The scope of this contract includes the following:
Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated
Microprocessor-Controlled HVAC Equipment in a building or facility, Building Management Systems and Buiding Control Systems are also subcategories of Building Automation Systems icroprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mouted Inctedl Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and . commission and which are integr
products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utize certain procols (e.g. BACNet, LonTalk, Modbus, etc.) to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated platforms/systems.
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 , b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
of Integrated Microprocessor-Based HVAC Equipment;

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxia \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. Gu. Pupore 1elecommunications, Networking Cabing,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| oden Number |  | a Dosariplion | Foduct Code | $\begin{gathered} \text { "Warranty Period }- \text { \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54 " \end{gathered}$ | List Price | \% Discount | WVS Nel Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 125.300SHP+SY4.220 | Belimo | 3-Way SHP BFV, 316SS Disc, $5^{\prime \prime}$, Cv $361 / 688$ Seat Material RTFE ASME Class 300 with Non- Spring Return, $3560 \mathrm{in}-\mathrm{lb}, \mathrm{On} / \mathrm{Off}, 230 \mathrm{~V}, \mathrm{NEMA} 4 \mathrm{X}$ | F7125.300SHP+SY4.220 | 1 | \$22,567.00 | 58\% | \$9,478.14 |
| F7125-30SSHP+SY4-230MFT | Belim |  | F7125-300SHP+SY4-230MET | 1 | \$24,650.00 | 58\% | \$10,353.00 |
| F7725-300SHP+SY424 | Belim |  | F7125-300SHP+SY4-24 | 1 | \$22,567.00 | 58\% | 99,478.14 |
| F7125.300SHP+SS4-24MFT | Beli | 3.Way SHP BFV, $3165 S$ Discos. Sous | F7725-300SHP+SS4-24MFT | 1 | \$24,650.00 | 58\% | \$10,353.00 |
| F7125HD+SY 3 -110 | Belim |  | F7125HD+SY3-110 | 1 | \$4,938.00 | 58\% | \$2,073.96 |
| F77125H0+SY3-120MFT | Belimo |  | F7125H0+SY3-120MFT | 1 | \$6,322.00 | 58\% | \$2,655.24 |
| F7125HD+SY3.220 | Belimo |  | F7125HD+SY3-220 | 1 | \$4,938.00 | 58\% | \$2,073.96 |
| F7725H++SY3 -230MFT | Belimo |  | F7125HD+SY3.230MFT | 1 | \$6,322.00 | 58\% | 2,655.2 |
| F77125H1+SY3-24 | Belimo |  | F7125H0+SY 3.24 | 1 | \$4,938.00 | 58\% | \$2,073.96 |
| F7125HD+SY3-24MFT | Belim |  | F7125H1+SY3-24MFT | 1 | \$6,322.00 | 58\% | \$2,655.24 |
| F7125HDU $+2 \cdot \mathrm{CK} \times 24 . \mathrm{MFT} \times 1$ | Beimo |  | F7125HDU+2'GKX24MFT-X1 | 1 | \$4,461.00 | 58\% | \$1,873.62 |
|  | Belimo |  |  | 1 | \$2,630.00 | 58\% | \$1,104.60 |
|  | Belimo |  |  | 1 | \$4,908.00 | 58\% | \$2,061.36 |
| F7125HDU+2'GMCB24.3.-.x1 $\mathrm{N4}$ | Belimo |  |  | 1 | \$4,163.00 | 58\% | \$1,748.46 |
| F7125HDU+2'GMCB24-3.-.x1 ${ }^{\text {NAH }}$ | Belimo |  | F7712HUU+2'GMCB24.3.-.x1 N4H | 1 | \$4,521.00 | 58\% | \$1,898.82 |
| F7125HHU+2'GMX24-MFT-T-X1 ${ }^{\text {N4 }}$ | Belim |  | F7125HDU+2'GMX24.MFT.-X1 1 N4 | 1 | \$4,550.00 | 58\% | \$1,911.00 |
| F712SHOU $+2 \cdot \mathrm{Cm} \times 2 \times \mathrm{MFT}-\times 1$ | Belimo | 3.Way II IFV, SS Disc, $5^{\text {c CV }}$ 1022, COP 50psis with Non-Spring Reum,360 in-b, MFT,24V | F7125HDU+2'GMX24.MFT-×1 | 1 | \$2,802.00 | 58\% | \$1,176.84 |
| F7125HDU+SY2.110 | Belimo |  | F7125HOU+SY2-110 | 1 | \$4,541.00 | 58\% | \$1,907.22 |
| F7125HDU_SY2-120MFT | Belimo |  | F7125HDU+SY2-120MFT | 1 | \$5,739.00 | 58\% | \$2,410.38 |
| F7125HDU+Sv2.220 | Belimo |  | F7125HOU+SY2.220 | 1 | \$4,541.00 | 58\% | \$1,907.22 |
| F7125HDU+SV2-230MFT | Belimo |  | 125HOU+SY2-23 | 1 | \$5,739.00 | 58\% | \$2,410.38 |
| (125HHU+SY2.24 | Belimo |  | F7125HDU+SY2.24 | 1 | \$4,541.00 | 58\% | \$1,907.22 |
| F7125HDUSSY-24NFT | Belimo |  | F7725HHUSSY2-24MFT | 1 | \$5,739.00 | 58\% | \$2,410.38 |
| F7125VIC+SY3-110 | Belimo |  | F7125V1C+SY 3 -110 | 1 | \$9,003.00 | 58\% | \$3,781.26 |
| F7725VIC+SY3-120MFT | Beimo |  | F7125VIC+SY3.120MFT | 1 | \$10,093.00 | 58\% | \$4,239.06 |
| F7125V1C+SY3-220 | Beimo |  | F7125V1C+SY3-220 | 1 | 99,003.00 | 58\% | \$3,781.26 |
| F7725VIC+SY3-230M-T | Belimo |  | F7125VIC+SY3.230MFT | 1 | \$10,093.00 | 58\% | \$4,239.06 |
| F7125VIC+SY3.24 | Belim |  | F7125VIC+SY3.24 | 1 | \$9,003.00 | 58\% | \$3,781.26 |
| F7725VIC+SY3-24MFT | Belimo | way groved BFV, 5 , COP 200ps with Non-Spring Return, 1335 i-IL, MF, ,24V,NEMA AX | F77125VIC+SY3-24MFT | 1 | \$10,093.00 | 58\% | \$4,239.06 |
| F7.150-150SHP+SYY-110 | Belimo |  | F7.150.150SHP+SYY-110 | 1 | \$12,768.00 | 58\% | \$5,362.56 |
| F7750-150SHP+SY3-120MFT | Belimo |  | F7750.150SHP+SY3.120MFT | 1 | \$14,572.00 | 58\% | \$6,120.24 |
| F7150-150SHP+SYY-220 | Belimo |  | F7150.150SHP+SYY-220 | 1 | \$12,768.00 | 58\% | \$5,362.56 |
| F7150-150SHP+SY3-230MFT | Belimo |  | F7750-150SHP+SY3-230MFT | 1 | \$14,572.00 | 58\% | \$6,120.24 |
| F7750-1505HP+SY3-24 | Belimo |  | F7150-150SHP+SY3.24 | 1 | \$12,768.00 | 58\% | \$5,362.56 |
| F7150.150SHP+SY3.24MET | Belimo |  | F7150.150SHP+SY3.24MFT | 1 | \$14,572.00 | 58\% | \$6,120.24 |
| F77150:300SHP+SY 3 -110 | Belimo |  | F7150.300SHP+SYY-110 | 1 | \$19,349.00 | 58\% | \$8,126.58 |
| F7750:300SHP+SY3-120MFT | Belimo |  | F7750:300SHP+SY3-120MFT | 1 | \$21,157.00 | 58\% | \$8,885.94 |
| F7150.300SHP+SYY-220 | Belimo |  | F7150.300SHP+SYY 2220 | 1 | \$19,349.00 | 58\% | \$8,126.58 |
| F7750:30SHP+SY3.230MFT | Beimo |  | F7750:305SPP+SY3.230MFT | 1 | \$21,157.00 | 58\% | \$8,885.94 |
| F7750:300SHP+SY3-24 | Belmo |  | F7750-300SHP+SY3-24 | 1 | \$19,349.00 | 58\% | \$8,126.58 |
| F7150.300SHP+SY3-24MFT | Belim |  | F7150.300SHP+SY3-24MFT | 1 | \$21,157.00 | 58\% | \$8,885.94 |
| 7150-305SHP+SY4.110 | Belimo |  | F7150.300 SHP+SY4. 110 | 1 | \$19,888.00 | 58\% | \$8,344.56 |
| F7750-30SSHP+SY4 - 20 M FT | elim |  | F7750:300SHP+SY4 120MET | 1 | \$21,948.00 | 58\% | \$9,218.16 |
| F7150-300SHP+SY4 220 | Belimo |  | F7150-300SHP+SY4.220 | 1 | \$19,868.00 | 58\% | \$8,344.56 |
| F7750:300SHP+SY4-230MFT | Belimo |  | F7750:300SHP+SY4-230MFT | 1 | \$21,948.00 | 58\% | \$9,218.16 |
| F7750:300SHP+SY424 |  |  | F7750:300SHP+SY424 | 1 | \$19,888.00 | 58\% | \$8,344.56 |
| F7150-305SHP+SY4-24MET |  | 3-Way SHP BFV, 3165 S | F7150.300SHP+SS4-24MFT | 1 | \$21,948.00 | 58\% | \$9,218.16 |
| F7750HD+SY3-110 |  |  | F7750HD+SY3-110 | 1 | \$5,693.00 | 58\% | \$2,391.06 |
| F7750HD+SY3-120MFT |  |  | F7750HO+SY3-120MFT | 1 | \$6,952.00 | 58\% | \$2,919.84 |
| F7750HD+SY3-220 |  |  | F7150HD+SY3.220 | 1 | \$5,693.00 | 58\% | \$2,391.06 |
| F7750HD+SY3 230MET |  |  | F7750HD+SY3.230MFT | 1 | \$6,952.00 | 58\% | 2,919.84 |
| F7150H+SY3 24 |  |  | F7150H+SY3-24 | 1 | \$5,693.00 | 58\% | \$2,391.06 |
| F7750HD+SY3-24MET |  |  | F7750HD+SY3-24MFT | 1 | \$6,952.00 | 58\% | \$2,919.84 |
| F7150HDU+2-GKK24-MET-X1 |  |  |  | 1 | \$4,616.00 | 58\% | \$1,938.72 |
| F77 $150 \mathrm{HOU}+2^{\text {'GMB224.3. }} 1$ |  | 3.Way II BFV, SS Disc, 6 "Cv 1579 , Cop 50psi with Non.Spring Return,360 in-tb | F7750HDU $+2 \cdot$ 'm8324.3.1 | 1 | \$2,720.00 | 58\% | \$1,142.40 |
|  |  |  |  | 1 | \$5,152.00 | 58\% | \$2,163.84 |
| F7150HDU+2'GMCB24.3.-.x1 NaH |  |  |  | 1 | \$4,859.00 | 58\% | \$2,040.78 |
|  |  |  |  | 1 | \$4,501.00 | 58\% | \$1,890.42 |
| F7150HDU+2'GnX24.MET-T.-x1 N4 |  |  |  | 1 | \$4,794.00 | 58\% | \$2,013.48 |
|  |  |  |  | 1 | \$2,956.00 | 58\% | \$1,241.52 |
| F7150HOU+SY2-110 |  |  | 77150HOU+SY2-110 | 1 | \$5,137.00 | 58\% | \$2,157.54 |
| F7150HOU+SY2-120MFT |  |  | F7150HDU+SY2-120MFT | 1 | \$6,514.00 | 58\% | \$2,735.88 |
| 7750HOU+SY2:220 |  |  | F7150HOU+SY2-220 | 1 | \$5,137.00 | 58\% | \$2,157.54 |
| F7150HDU+SY2-230MFT |  |  | F7150HOUSSV2-230MFT | 1 | \$6,514.00 | 58\% | \$2,735.88 |
| F7150HDUUSY2-24 | Belimo |  | F7150HDU+SY2.24 | 1 | \$5,137.00 | 58\% | \$2,157.54 |
| F7750HDUUSY2-24MFT | Beimo |  | F7750HOU + SY2-24MFT | 1 |  | 58\% |  |
|  | Belimo |  |  |  |  |  | \$2,735.88 |
| F7750VIC+SSY-110 | Belimo |  | F7750VIC+SY3-110 | 1 | \$9,654.00 | 58\% | \$4,054.68 |
| F7150VIC+SY3-120MFT | Be |  | F7150VIC+SY3. 120 MFT | 1 | \$11,243.00 | 58\% | \$4,722.06 |
| F7150VIC+SY3-220 |  |  | F7150V1C+SY3.220 | 1 | \$9,654.00 | 58\% | \$4,054.68 |
| F7150VIC+SY3.230MFT |  | 3 3.way yroved BFV, 6 ", COP 200psi with Non-Sping Reutr, 1335 in-b,MF, M, 230V, NEMA $4 x$ | F7150VIC+SY3.230MFT | 1 | \$11,243.00 | 58\% | \$4,722.06 |

The scope of this contract includes the following:
Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated
Microprocessor-Controlled HVAC Equipment in a building or facility, Building Management Systems and Buiding Control Systems are also subcategories of Building Automation Systems icroprocessor-Controled HVAC Equipment in a building or faciilty. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mouted Inctedl. Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integr
products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain procols (e.g. BACNet LonTalk, Modbus, etc.) to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated platforms/systems.
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 , b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtub showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxia \& fiber optic), wire, condwit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose 1T, Telecommumications, Networking Cabling, Fiber Optics (e.g. phone, pbx, digital centrex, digital key systems, television, cable, T-Line, general broadband,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

|  |  |  | Proctul Code | "Warranty Period - \# of year(s) after acceptance as required by Appendix B; Clause 54 " | Lsit Price |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| F7150V1C+SY3.24 | Belimo |  | F7150V1C+SY3 24 | 1 | \$9,654.00 | 58\% | \$4,054.68 |
| F7750VIC+SY3-24MFT | Belimo |  | F7150VIC+SY3-24MET | 1 | \$11,243.00 | 58\% | \$4,722.06 |
| F7750VIC+SY4.110 | Belimo |  | F7.50VVC+SY4.110 | 1 | \$9,933.00 | 58\% | \$4,771.86 |
| F7150VIC+SY4 -120MFT | Belimo | 3.way groved BFV, 6", COP 200psi with Non-Spring Retur,3560 in-1,MFT, 120V,NEMA AX | F7150VIC+SY4 120 MFT | 1 | \$11,411.00 | 58\% | \$4,792.62 |
| F7150VIC+SY4-220 |  |  | F7150VIC+SY4-220 | 1 | \$9,933.00 | 58\% | \$4,171.86 |
| F7750VIG+SY4.230MFT | Belin | 3.way groved EFV, 6", COP 200ps with Non-Sping Reeur, 3560 in-b, MFT, 230V, NEMA AX | F7750VIC+SY4 230 MFT | 1 | \$11,411.00 | 58\% | \$4,792.62 |
| F7750VIC+SY4-24 | Beimo |  | F7750VIC+SY4-24 | 1 | \$9,933.00 | 58\% | \$4,171.86 |
| F7150VIC+SS4-24MFT | Belim |  | F7150VIC+SY4-24MET | 1 | \$11,411.00 | 58\% | \$4,792.62 |
| F7200-150SHP+SY4.110 | Belim |  | F7200-150SHP+SY4-110 | 1 | \$16,431.00 | 58\% | \$6,901.02 |
| F7200-150SHP-SY4 120MFT | Belimo |  | F7200-150SHP+SY4-120MFT | 1 | 18,511.00 | 58 | \$7,774.62 |
| F7200-150SHP+SY4 220 | Belimo |  | F7200-150SHP+SY4-220 | 1 | \$16,431.00 | 58\% | \$6,901.02 |
| F7200-150SHP+SY4-230MET | Belimo |  | F7200-150SHP+SY4-230MET | 1 | \$18,511.00 | 58\% | \$7,77 |
| F7200-150SHP-SY4.24 | Belimo |  | F7200-150SHP+SY4-24 | 1 | \$16,431.00 | 58\% | \$6,90 |
| F7200. 1505 HPP+SY4-24MFT | Belimo |  | F7200-150SHP+SY4.24MFT | 1 | \$18,511.00 | 58\% | \$7,774 |
| F7200-300SHP+SY4.110 | Belimo |  | F7200-300SHP+SY4.110 | 1 | \$27,248.00 | 58\% | 11,444.16 |
| F7200:30SHP+SY4 120MFT | Belimo |  | F7200:300SHP+SY4 120MFT | 1 | \$29,331.00 | 58\% | \$12,319.02 |
| F7200.300sHP+SY4220 | Belimo |  | F7200-300SHP+SY4-220 | 1 | \$27,248.00 | 58\% | \$11,444.16 |
| F7200:300SHP+SY4-230MET | Belimo |  | F7200:300SHP+SY4-230MFT | 1 | \$29,331.00 | 58\% | \$12,319.02 |
| F7200:300SHP+SY424 | Belimo |  | F7200:300SHP+SY424 | 1 | \$27,248.00 | 58\% | \$11,444.16 |
| F7200:300SHP+SY4-24MFT | Belimo |  | F7200:300SHP+SY4-24MFT | 1 | \$29,331.00 | 58\% | 12,31 |
| F7200:300SHP+SY5-110 | Belimo |  | F7200-300SHP+SY5-110 | 1 | \$27,606.00 | 58\% | 11,59 |
| F7200:300SHP+SY5. 120MET | Belimo |  | F7200:300SHP+SY5-120MFT | 1 | \$29,686.00 | 58\% | 12,468.12 |
| F7200.300SHP+SY5.220 | Belimo |  | 200:300 | 1 | \$27,606.00 | 58\% | \$11,594.52 |
| F7200:30SHP+S55.230MET | Belimo |  | F7200:300SHP+SY5.230MET | 1 | \$29,686.00 | 58\% | 12,4 |
| F7200:300SHP+SY5-24 | Belimo |  | F7200:300SHP+SY5.24 | 1 | \$27,606.00 | 58 | \$11,594.52 |
| F7200:300SHP+SY5-24MFT | Belimo | 3-Way SHP BFV, 316SS Disc, 8", Cv 1001/1911 Seat Material RTFE ASME Class 300 with NonSpring Return, 4450 in-lb,MFT,24V,NEMA 4X | F7200:300SHP+5Y5-24MFT | 1 | \$29,686.00 | 58\% | \$12, |
| F7200HD+SY4.110 | Belimo |  | F7200HD+SY4-110 | 1 | \$7,152.00 | 58\% | \$3,003.84 |
| F7200H+SY4 120MET | imo |  | F7200H+SYY4-120MFT | 1 | \$8,547.00 | 58\% | \$3,589.74 |
| F7200HD+SY4.220 | Belim |  | F7200HD+SY4.220 | 1 | \$7,152.00 | 58\% | 3,003.84 |
| F7200H+SY4 230 M FT | Belimo |  | F720HH+SY4-230MFT | 1 | \$8,547.00 | 58\% | \$3,589.74 |
| F720HH+SY424 | Belimo |  | F720HH+SY4-24 | 1 | \$7,152.00 | 58\% | \$3,003.84 |
| F7200HD+SY4-24MFT | Belimo |  | F7200HD+SY4-24MFT | 1 | \$8,547.00 | 58\% | \$3,589.74 |
| F7200HOU+SY3:110 | Belimo |  | F7200HOU+SY3-110 | 1 | \$6,483.00 | 58\% | 722.86 |
| F7200HDU+SY3-120MFT | Belimo |  | F7200HDUUSY3.120MFT | 1 | \$7,777.00 | 58\% | ,266 |
| F7200HOU+SY3.220 | Belim |  | F7200HOU+SY3-220 | 1 | \$6,483.00 | 58\% | \$2,722.86 |
| F7200HDU+SY3-230MFT | Belimo |  | F7200HDU+SY3-230MFT | 1 | \$7,777.00 | 58\% | \$3,266.34 |
| F7200HDU+SY3.24 | Belimo |  | F7200HDU+SY3.24 | 1 | \$6,483.00 | 58\% | \$2,722.86 |
| F7200HDUSSY3.24NFT | Belimo |  | F7200HDU+SY3-24MFT | 1 | \$7,777.00 | 58\% | \$3,266.34 |
| F7250-150SHP+SY4.110 | Belimo | 3-Way SHP BFV, $3165 S$ Disc, 10", Cv $1934 / 3517$ Seat Material RTFE ASME Class 150 with NonSpring Retur, 3560 in-lb,On/OIft, 120V,NEMA 4x | F7250-150SHP+SY4-110 | 1 | \$23,803.00 | 58\% | \$9,997.26 |
| F7250-150SHP+SY4 120MFT | Belimo |  | F7250-150SHP+SY4 120MET | 1 | \$25,883.00 | 58\% | \$10,870 |
| F7250-150SHP+SY4.220 | Belimo |  | F7250-150SHP+SY4.220 | 1 | \$23,803.00 | 58\% | 99,997.26 |
| F7250-150SHP+SY4-230MFT | Belimo |  | F7250-150SHP+SY4-230MFT | 1 | \$25,883.00 | 58\% | \$10, |
| F7250-150SHP+SY4-24 | Belimo |  | F7250-150SHP+SY4-24 | 1 | \$23,803.00 | 58\% | \$9,997.26 |
| F7250-150SHP+SY4-24MFT | Belimo |  | F7250-150SHP+SY4-24MFT | 1 | \$25,883.00 | 58\% | \$10,870.86 |
| F7250.150SHP+S55.120MET | Belimo |  | F7250-150SHP-SY5-120MET | 1 | \$26,247.00 | 58\% | \$11,023.74 |
| F7250-150.SHP+SY5. 220 | Belimo |  | F7250-150SHP+SY5. 220 | 1 | \$24,162.00 | 58\% | \$10, 148.04 |
| F7250-150SHP+SY5.230MFT | Belimo |  | F7250-150SHP+SY5.230MFT | 1 | \$26,247.00 | 58\% | \$11,023.74 |
| F7250-150SHP+SY5.24 | Belimo |  | F7250-150SHP+SY5.24 | 1 | \$24,162.00 | 58\% | \$10,148.04 |
| F7250.150SHP+8Y5.24MFT | Belimo |  | F7250-150SHP++Y5-24MFT | 1 | \$26,247.00 | 58\% | \$11,023.74 |
| F7250:305SHP+SY4.410 | Belimo |  | F7250:300SHP+SY4-110 | 1 | \$39,432.00 | 58\% | \$16,561.44 |
| F7250:30SHP+SY4 120MFT | Belimo |  | F7250:300SHP+SY4 120MFT | 1 | \$41,515.00 | 58\% | \$17,4 |
| F7250:305SHP+SY4.220 | Belimo |  | F7250-30SHP+SY4 220 | 1 | \$39,432.00 | 58\% | 1.44 |
| F7250:300SHP+SY4-230MET | Belimo | 3-Way SHP BFV, 316 SS Disc, 10 ", Cv $1673 / 3194$ Seat Material RTFE ASME Class 300 with NonSpring Return,3560 in-lb,MFT,230V,NEMA 4X | F7250:300SHP+SY4.230MET | 1 | \$41,515.00 | 58\% | \$17,436.30 |
| F7250:300SHP+SY4-24 | Belimo |  | F7250:30SHP+SY4-24 | 1 | \$39,432.00 | 58\% | \$16,5 |
| F7250:300SHP+ + S4-24MFT | Belimo |  | F7250.300SHP+5Y4-24MFT | 1 | \$41,515.00 | 58\% | \$17,436.30 |
| F7250:300SHP+SY5-110 | Belimo |  | F7250:300SHP+SY5-110 | 1 | \$39,793.00 | 58\% | \$16, |
| F7250:30SHP+SY5-120MET | Belimo |  | F7250:300SHP+SY5-120MET | 1 | \$41,873.00 | 58\% | \$17,586.66 |
| F7250:3005HP+SY5.220 | Belimo | 3-Way SHP BFV, 316 SS Disc, 10 ", Cv 1673/3194 Seat Material RTFE ASME Class 300 with NonSpring Return,4450 in-lb,On/Off,230V,NEMA 4X | F7250-305SPP+SY5.220 | 1 | \$39,793.00 | 58\% | \$16,713.06 |
| F7250:300SHP+SY5.230MFT | Belimo |  | F7250:300SHP+SY5.230MET | 1 | \$41,873.00 | 58\% | 17,586.66 |
| F7250:300SHP+SY5.24 | Belimo | 3-Way SHP BFV, 316 SS Disc, 10 ", Cv 1673/3194 Seat Material RTFE ASME Class 300 with NonSpring Return, $4450 \mathrm{in}-\mathrm{lb}, \mathrm{On} / \mathrm{Off}, 24 \mathrm{~V}, \mathrm{NEMA} 4 \mathrm{X}$ | F7250:300SHP+SY5.24 | 1 | \$39,793.00 | 58\% | \$16,713.06 |
| F7250.300SHP+ +85 -24MFT | Belimo |  | F7250:300SHP+SY5-24MFT | 1 | \$41,873.00 | 58\% | \$17,5 |
| F7250.300SHP+SY7-110 | Belimo |  | F7250.300sHP+SY7-110 | 1 | \$40,994.00 | 58\% | \$17,217.48 |
| F7250:30SHP+SV7-120MFT | Belimo |  | F7250:300SHP+SY7-120M-T | 1 | \$43,023.00 | 58\% | \$18,06 |
| F7250-300SHP+SY7-220 | Belimo |  | F7250-300SHP+SY7-220 | 1 | \$40,994.00 | 58\% | \$17,217.48 |
| F7250:300SHP+SY7-230MFT | Belimo | 3-Way SHP BFV, 316 SS Disc, 10", Cv $1673 / 3194$ Seat Material RTFE ASME Class 300 with NonSpring Return, 8900 in-lb,MFT,230V,NEMA 4X | F7250:300SHP+SY7.230MFT | 1 | \$43,023.00 | 58\% | \$18,069 |
| F7250HD+SY4.110 | Belimo | 3-Way DI BFV, SS Disc, $10^{\prime \prime} \mathrm{Cv} 5340$, COP 200psi with Non-Spring Return, 3560 in- lb,On/Off, 120V,NEMA 4X | F7250HD+SY4.110 | 1 | \$9,613.00 | 58\% | \$4,037.46 |
| F7250H+SY4 120MET | Belimo |  | F7250HD+SY4-120MeT | 1 | \$10,882.00 | 58\% | \$4,570.44 |
| F7250HD+SY4220 | Belimo |  | F7250HD+SY4-220 | 1 | \$9,613.00 | 58\% | \$4,037 |
| F7250H0+SY4.230MFT | Belimo |  | F7250HD+SY4.230MFT | 1 | \$10,882.00 | 58\% | \$4,570.44 |
| F7250H0+SY424 | Belimo | 3-Way DI BFV, SS Disc, $\mathbf{1 0}^{\circ "} \begin{aligned} \text { Cv 5340, COP 200psi with } \\ \text { lb,On/Off,24V,NEMA 4X }\end{aligned}$ b,On/Off,24V,NEMA 4X | F7250H+SY4-24 | 1 | \$9,613.00 | 58\% | \$4,037.46 |

The scope of this contract includes the following:
Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated
Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems. hicroprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Controf Systems are also subcategories of Building Automation Systems
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mouted Inctedl Factory

Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and . commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, etc.) to communicat.
platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

Interrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtub showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxia \& fiber optic), wire, condwit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. Genera Purps in, Telecommumicaions, Networking Cabling, Hber Opics (e.g. phone, pbx, digital centrex, digital key systems, television, cabie, Line, general broadband,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

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| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Lisp Pice | \% Discoumt | WS Nat Price |
| F7250HD+SY4-24MFT | Belimo |  | F7250HD+SY4 24 MFT | 1 | \$10,882.00 | 58\% | \$4,570.44 |
| F7250HDU+SY4-10 | Belimo |  | F7250HOU 5 S44-110 | 1 | \$7,803.00 | 58\% | \$3,277.26 |
| F7250HDU+SY44120MFT | Belimo |  | F7250HDU+SY4-120MFT | 1 | \$9,477.00 | 58\% | \$3,980.34 |
| F7250HOU SY 4.220 | Belimo |  | F7250HDU+SY4-220 | 1 | \$7,803.00 | 58\% | \$3,277.26 |
| F7250HDUUSY4-230MFT | Belim |  | F7250HDU_SY4-230MFT | 1 | \$9,477.00 | 58\% | \$3,980.34 |
| F7250HDU+SY4-24 | Belimo |  | F7250HDU+SY4-24 | 1 | \$7,803.00 | 58\% | \$3,277.26 |
| F7250HOUSSY4-24MET | Belimo |  |  | 1 | \$9,477.00 | 58\% | \$3,980.34 |
| F7250VIC+SY6-110 | - |  | F7250VIC+SY-110 | 1 | \$19,966.00 | 58\% | \$8,385.72 |
| F7250VIC+SY6-120MFT | Belim |  | F7250VIG+SY6-120MFT | 1 | \$21,761.00 | 58\% | \$9,139.62 |
| F7250VIC+SV6.220 | Belim |  | F7250VIC+SV6-220 | 1 | \$19,966.00 | 58\% | \$8,385.72 |
| F7250VIC+SV6-230MFT | Belim |  | F7250VIGGYV6.230MfT | 1 | \$21,761.00 | 58\% | \$9,139.62 |
| F7250VIC+SY7-110 | Bermo |  | F7250VIC+SY7-10 | 1 | \$20,195.00 | 58\% | \$8,481.90 |
| F7250VIC+SY7-120MFT | Belimo |  | F7250VIC+SY7-120MFT | 1 | \$22,068.00 | 58\% | \$9,268.56 |
| F7250V1C+SY7-220 | - |  | F7250VIC+SY7-220 | 1 | \$20,195.00 | 58\% | \$8,481.90 |
| F7250VIC+SY7-230MFT | - |  | F7250VIC+SY7-230MFT | 1 | \$22,068.00 | 58\% | \$9,268.56 |
| F7300-150SHP+SY5. 110 | Belimo |  | F7300-150SHP+SY5-110 | 1 | \$30,775.00 | 58\% | \$12,925.50 |
| F7300.-150SHP+SV5-120MFT | Belim |  | F7300-150SHP+SY5-120NFT | 1 | \$32,855.00 | 58\% | \$13,799.10 |
| F7300-150SHP+SY5.220 | Belimo |  | F7300.150SHP+SY5.220 | 1 | \$30,775.00 | 58\% | \$12,925.50 |
| F7300-150SHP+SY5.230MFT | Belimo |  | F7300-150SHP+SY5-230MFT | 1 | \$32,855.00 | 58\% | \$13,799.10 |
| F7300-150SHP+SY5.24 | Belim |  | F7730-150SHP+SV5.24 | 1 | \$30,775.00 | 58\% | \$12,925.50 |
| F7300-150SHP+SY5.-24NFT | Beimo |  | F7300-150SHP+SY5-24MET | 1 | \$32,855.00 | 58\% | \$13,799.10 |
| F7300-150SHP+SY7-110 |  | 3 -Way SHP BFV, $3165 S$ Disc, 12 ', Cr $26660 / 4837$ Seat Material RTFE ASmE Class 50 w with Non- | F7300-150SHP+SY7-110 | 1 | \$31,979.00 | 58\% | \$13,431.18 |
| F7300.-150SHP+SV7-120MFT | Belimo |  | F7300-150SHP+SY7-120MFT | 1 | \$34,005.00 | 58\% | \$14,282.10 |
| F7300-150SHP+SY7-220 | Beimo |  | F7300-150SHP+SYY-220 | 1 | \$31,979.00 | 58\% | \$13,431.18 |
| F7300-150SHP+SY7-230MFT | Belimo |  | F7300-150SHP+SY7.230NFT | 1 | \$34,005.00 | 58\% | \$14,282.10 |
| F7300.300SHP+SY5. 110 | Belimo |  | F7300.300SHP+SY5. 110 | 1 | \$52,970.00 | 58\% | 22,247.40 |
| F7300.300SHP++85-120MFT | Beimo | 3 -Way SHP BFV, $3165 S$ Disc, 12 ', Cr 2319194288 Seat Mateial RTTE ASME Class 300 with Non- | F7300:300SHP+SY5-120MFT | 1 | \$57,941.00 | 58\% | \$24,335.22 |
| F7300:300sHP+SY5.220 | Belmo | 3 .Way SHP BEV, $3165 S$ Disc, 12 ', | F7300-305SHP+SY5-220 | 1 | \$52,970.00 | 58\% | \$22,247.40 |
| F7300-3005HP+SY5-230MFT |  | 3 -Way SHP BFV, $3165 S$ Disc, 12, Cr 2331944428 Seat Material RTFE ASME Class 300 with Non- | F7300:300SHP+SY5-230MFT | 1 | \$57,941.00 | 58\% | \$24,335.22 |
| F7300:300SHP+S55-24 | Belimo |  | F7730:300SHP+SY5.24 | 1 | \$52,970.00 | 58\% | \$22,247.40 |
| F7300:300SHP+SY5-24M-T | Bermo |  | F7300:300SHP+SY5-24MFT | 1 | \$57,941.00 | 58\% | \$24,335.22 |
| F7300:305SP+SY7-110 | Belim |  | F7300:305SPPSY7-110 | 1 | \$54,174.00 | 58\% | \$22,753.08 |
| F7300.300SHP+SY7-120MFT | Belimo |  | F7300:300SHP+SY7-120NFT | 1 | \$56,203.00 | 58\% | \$23,605.26 |
| F7300-305SHP+SY-220 |  | 3 -Way SHP BFV, $3165 S$ Disc, 12, Cr 2331994428 Seat Material RTFE ASME Class 300 with Non- | F7300-300sHP+SY7-220 | 1 | \$54,174.00 | 58\% | \$22,753.08 |
| F7300:300SHP+SY7-230MFT |  | 3 -Way SHP BFV, $3165 S$ Disc, 12 ", CV 2319194428 Seat Material RTFE ASME Class 300 with Non. | F7300:300SHP+SY7-230MFT | 1 | \$56,203.00 | 58\% | \$23,605.26 |
| F7300:305SHP+SY8.110 |  | 3 -Way SHP BFV, $3165 S$ Disc, 12, Cr 2331934428 Seat Material RTFE ASME Class 300 with Non- | F7300-305SHP+SY8-110 | 1 | \$55,521.00 | 58\% | \$23,318.82 |
| F7300:300SHP+SY8-120MFT |  |  | F7300:300SHP+SY8-120MFT | 1 | \$57,559.00 | 58\% | \$24,174.78 |
| F7300.3005HP+SY8.220 |  | SHP BFV, $3165 S$ Disc, 12 ", Crve319444285 Seat Malerial RTFE ASME Class 300 with Non- | F7300.300sHP+SY8.220 | 1 | \$55,521.00 | 58\% | \$23,318.82 |
| F7300.300SHP+SY8-230MFT | Belimo | y SHP BfV, 31655 Disc, | F7300:30SHP+ + SY8-230MFT | 1 | \$57,559.00 | 58\% | \$24,174.78 |
| F7300HD+SY5.110 |  |  | F7300HD+SY5-110 | 1 | \$11,405.00 | 58\% | \$4,790.10 |
| F7300HD+SY5. 2 20MFT |  |  | F7300HO+SY5- 120MFT | 1 | \$12,632.00 | 58\% | \$5,305.44 |
| F7300HD+SYY.220 |  |  | F7300HD+SYY-220 | 1 | \$11,405.00 | 58\% | \$4,790.10 |
| F7300H+SSY5-230MFT |  |  | F7300H0+SY5-230MFT | 1 | \$12,632.00 | 58\% | \$5,305.44 |
| Hoohtos55.24 |  |  | F7300H+SSY5-24 | 1 | \$11,405.00 | 58\% | \$4,790.10 |
| F7300HD+SY5-24MET |  |  | F7300HD+SY5-24MFT | 1 | \$12,632.00 | 58\% | \$5,305.44 |
| F7300HDUUSY4-110 |  |  | F7300HOUSYY4-10 | 1 | \$10,775.00 | 58\% | \$4,525.50 |
| F7300HDU+SS4-120MFT | , |  | F7300HDU+SY4-120MFT | 1 | \$12,224.00 | 58\% | \$5,134.08 |
| F7300HDU+SY4-220 | Bermo |  | F7300HOU+SY4-220 | 1 | \$10,775.00 | 58\% | \$4,525.50 |
| F7300HDU+SY4-230MFT | Belimo |  | F7300HDUHSY4-230MFT | 1 | \$12,224.00 | 58\% | \$5,134.08 |
| rmors | Belimo | lb,MFT,230, , ENA AX |  |  |  |  |  |
| F7300HDU+SY4.24 | Belimo |  | F7300HDU+SY4-24 | 1 | \$10,775.00 | 58\% | \$4,525.50 |
| F7300HDUSSY4-24NFT |  |  | F7300HOU+SY4-24MFT | 1 | \$12,224.00 | 58\% | \$5,134.08 |
| F7300VIC+SY7-110 |  |  | F7300VIC+SY7.10 | 1 | \$23,815.00 | 58\% | \$10,002.30 |
| F7300VIC+SY7-120MFT |  |  | F7300VIC+SY7-120MFT | 1 | \$25,466.00 | 58\% | \$10,695.72 |
| F7300VIC+SY7-220 |  |  | F7300VIC+SY7-220 | 1 | \$23,815.00 | 58\% | \$10,002.30 |
| F7300VIC+SY7-230MFT |  |  | F7300VIC+SY7-230MfT | 1 | \$25,466.00 | 58\% | \$10,695.72 |
| F7350-150SHP+SY7-110 | Belmo |  | F7350-150SHP+SY7-110 | 1 | \$42,640.00 | 58\% | \$17,908.80 |
| F7735-150SHP+SS7-120MFT | Belimo |  | F7350-150SHP+SY7-120MFT | 1 | \$44,667.00 | 58\% | \$18,760. 14 |
| F7750-150SHP+SY7-220 | Belimo | Sping Reuun,3000 in-b,M-MT, 120V, NEMA 4X |  |  |  |  |  |
| F730-150SHP+SY7-220 | Belimo |  | F7350-150SHP+SY7-220 | 1 | \$42,640.00 | 58\% | \$17,908.80 |
| F7750-150SHP+SY7-230MET | Belimo |  | F7750.150SHP+SY7.230MFT | 1 | \$44,667.00 | 58\% | \$18,760.14 |
| F7350.300SHP+SY10-110 |  |  | F7350:300sHP+SYY0-110 | 1 | \$87,272.00 | 58\% | \$36,654.24 |
| F7350:300SHP+SY10-120MFT |  |  | F7750:300SHP+SY10-120MET | 1 | \$89,298.00 | 58\% | \$37,505.16 |
| F7350.3005HPPSYY0:220 | Beimo |  | F7350.3005HP+SYY0:220 | 1 | \$8727200 | 58\% | 36,654.24 |
|  | Belimo |  |  |  |  |  | \$36,654.24 |
| F7350:300SHP+SY10:230MFT | Belimo |  | F7750:300SHP+SY10:230MET | 1 | \$89,298.00 | 58\% | \$37,505.16 |
| F7350:300sHP+SY7-110 |  |  | F7350.300sHP+SY7.-110 | 1 | \$84,284.00 | 58\% | \$35,399.28 |
| F7350:300SHP+SY7-120MFT |  | 3 -Way SHP BFV, $3165 S$ Disc, 14, Cr 298868572 Seat Material RTFE ASME Class 300 with Non- | F7350:300SHP+SY7-120MFT | 1 | \$88,315.00 | 58\% | \$36,252.30 |
| F730.300sHP+SY7-220 |  |  | F7350-305SHP+SY7-220 | 1 | \$84,284.00 | 58\% | \$35,399.28 |
|  | Belimo | Spping Relur, 8900 inilb,Onotit,230, , NEMA 4X |  |  |  |  |  |
| F7735:300sHP+SY7-230MFT | Belimo |  | F7350-300SHP+SY7-230MFT | 1 | \$86,315.00 | 58\% | \$36,252.30 |
| F7350:305SPP+SY8.110 | Belimo | 3-Way SHP PFV, $3165 S$ Disc, 14, Cr 298665752 Seat Mateial RTFE ASME Class 300 with Non- | F7350-305SPP+SY8.110 | 1 | \$85,647.00 | 58\% | \$35,971.74 |
| F7750:300SHP+SY8:120MFT |  |  | F7350:300SHP+SY8-120MFT | 1 | \$87,674.00 | 58\% | \$36,823.08 |
|  | Belimo |  | F7350:300 SPP.SY8. $220^{\text {a }}$ | 1 | \$85647700 | 58\% | 53597174 |
|  | Belimo |  |  |  |  |  |  |

The scope of this contract includes the following:
Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated icroprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted IInC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
of Integrated Microprocessor-Based HVAC Equipment; tests and balances the Integrated Microprocessor-Controlled HVAC Equipment in accordance with Code Requirements.

The scope of this contract does not include:
Thers. water fountains, water heaters hot water tanks, garbage dispos
showers, water fountains, water heaters hot water tanks, garbage disposal units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed
3. Chillers Rooftop Units, boilers, shall not be obtained on these contract

Factory Installed/Factory-Provided micro-processor-controlled included $/$, remote I/O modules, etc. which are not
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following：
Building Automation System（BAS）which is a computerized system，operating on certain communications protocols（e．g．BACNet，LonTalk，Modbus，etc．）which manages，controls，and is integrated with the Integrated Microprocessor－Controlled HVAC Equipment in a building or facility．Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems．
3．Integrated Microprocessor－Controlled HVAC Equipment such as Chillers，Rooftop Units，Boilers，Air Handlers，fan coil，unit ventilator，heat pump，remote I／O modules，etc．which are Factory－Mouted Inctedl Factory Provided Microprocessor－Controlled，requiring technical skill to program，integrate，and ． commission and which are integr
products by the authorized user．
Integrated BAS／EMS／Integrated Microprocessor－Controlled HVAC Equipment shall means that the fire alarm system，cetv system，or access control system is integrated to the BAS／EMS／Integrated Microprocessor Controlled HVAC Equipment using a device including，but not limited to，a router，gateway，FireAlarm Interface Panel（FIAP），and／or other similar device，which utize certain procols（eg．BACNet，LonTalk，Modbus， etc．）to communicate among these systems，and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated platforms／systems．
a）Is certified by either the Associated Air Balance Council Bureau－AABC，Los Angeles，Cal． 90026 or by National Environmental Balancing Bureau－NEBB，Arlington，Va． 22209 ， b）Is an approved subcontractor to a contractor providing Integrated Microprocessor－Controlled HVAC Equipment，installation，systems integration，or maintenance；and of Integrated Microprocessor－Based HVAC Equipment；

The scope of this contract does not include：
1．Plumbing systems This contract does not include the assembly，installation and repair of pipes，fittings，and fixtures of sewer／waste，water，and drainage systems and plumbing fixtures，such as sinks，commodes，bathtubs， showers，water fountains，water heaters hot water tanks，garbage disposal
units，dishwashers，and water softeners．The repair and maintenance of plumbing by replacing washers in leaky faucets，mending burst pipes，and opening clogged drains is not allowed
3．Chillers，Rooftop Units，boilers，air handlers，fan coil，unit ventilator，he
A．Factory Installed／Factory－Provided micro－processor－－controlled included／controlled），or
B．Which are not integrated with the Building Automation Systems or Energy Management Systems，
Cable（coaxial \＆fiber optic），wire，conduit，steel boxes，hangers，etc．must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts．
The contract does not allow for cable（coaxial \＆fiber optic），wire，conduit，steel boxes，hangers，etc．to be purchased from these contracts for any other purposes，including，but not limited to
．．General Purpose IT，Telecommunications，Networking Cabling，Fiber Optics（e．g．phone，pbx，digital centrex，digital key systems，television，cable，T－Line，general broadband，

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A．To communicate fire or health and safety emergencies directly and solely to law enforcement organizations，or
B．To identify an individual（s）＇location in the event of a fire or emergency．

| Iotel Number |  | drat Ossaripion |  | ＂Warranty Period－\＃of year（s）after acceptance as required by Appendix | Tisprice |  | NVS Nel erit |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| F7500：30SHPPSYY－ 20 MFT | Belimo |  | F7500：300SHP＋SY99－120MET |  | \＄163，946．00 | 58\％ | \＄68，857．32 |
| 500．30：SHP＋599．220 | Belimo |  | F7500．305SHP＋SY9．－220 | 1 | \＄161，921．00 | 58\％ | \＄68，006．82 |
| F7500：30SHPPSY9．230MFT | Belimo |  | F7500：305HPPSY9：－230MFT | 1 | \＄163，946．00 | 58\％ | \＄68，857．32 |
| F550HD＋SY9－110 |  |  | F7500HD＋SY9－110 | 1 | \＄40，664．00 | 58\％ | \＄17，078．88 |
| F750HH＋SY9－120MET |  |  | F750－HD＋SY9－120MFT | 1 | \＄43，727．00 | 58\％ | \＄18，365．34 |
| F750HD＋SY9．220 |  |  | F500HD＋SY9．220 | 1 | \＄40，664．00 | 58\％ | \＄17，078．88 |
| F7500Ho＋SY9．230MFT | Beimo |  | F7500H＋SYY9．230MET | 1 | \＄43，727．00 | 58\％ | \＄18，365．34 |
| F750－150SHP＋2＇GKK24－MFT－X1 | Belimo |  |  | 1 | \＄8，323．00 | 58\％ | \＄3，495．66 |
| F750－150SHP $+2 \cdot$＇MM $324.3 \times 1$ | Belimo |  |  | 1 | \＄6，434．00 | 58\％ | \＄2，702．28 |
|  | Belimo |  | F750－150SHP＋2＇GMM824．MFT－T－X1 ${ }^{\text {N4H }}$ | 1 | \＄8，971．00 | 58\％ | \＄3，767．82 |
| F750．150SHP＋2＇GMCB243．7．－x1 N4 | Beimo |  |  | 1 | \＄8，373．00 | 58\％ | \＄3，516．66 |
|  | Belimo |  |  | 1 | \＄8，731．00 | 58\％ | \＄3，667．02 |
|  | Belimo |  | F750－150SHP＋2＇GMX24－MET－T．－X1 N4 | 1 | \＄8，613．00 | 58\％ | \＄3，617．46 |
| F750－150SHP＋2＇－GMX24－MET－X1 | Beimo |  | F750－150SHP＋2＇CMX24－MFT－X1 | 1 | \＄6，663．00 | 58\％ | \＄2，798．46 |
| F750－150SHP＋GGK24．MFT－X1 | Belimo |  | F750－150SHP＋GGX24－MF－$\times 1$ | 1 | \＄7，043．00 | 58\％ | \＄2，958．06 |
| F750．150SHP＋GM824．3．${ }^{1}$ | Belimo |  | F750．150SHP＋GME24－3．$\times 1$ | 1 | \＄6，102．00 | 58\％ | \＄2，562．84 |
| F750－150SHP＋GMB24－MFT－T－X1 1 N4H | Belimo |  | F750－150SHP＋GMB24－MET－TX1 1 N4H | 1 | \＄7，541．00 | 58\％ | \＄3，167．22 |
| F750－150SHP＋GMC824 4 －7．$\times$ ． 1 N 4 | Belimo |  | F750－150SHP＋+ GMCB24．3－7．x1 N4 | 1 | \＄7，424．00 | 58\％ | \＄3，118．08 |
|  | Belimo |  |  | 1 | \＄7，424．00 | 58\％ | \＄3，118．08 |
| F750－15SSHP＋GMX24．MFT－T．－11 N4 | Belimo |  | 750－150SHPPGMx24．MFT－T．－X1 N4 | 1 | \＄7，541．00 | 58\％ | \＄3，167．22 |
| F750－150SHP + GM $\times 2.4 \mathrm{MFT} \cdot \times 1$ | Belimo |  |  | 1 | \＄6，213．00 | 58\％ | \＄2，609．46 |
| F770－150SHP＋SY2－110 | Belimo |  | F770－150SHP＋SY2－110 | 1 | \＄7，888．00 | 58\％ | \＄3，312．96 |
| F750．150SHP＋SY̌2－120MFT | Belimo |  | F750－150．SHP＋SY2．120MFT | 1 | \＄9，684．00 | 58\％ | \＄4，067．28 |
| F750－1505SHP＋SY2．220 | Belim |  | F750－150SHP＋SY2－220 | 1 | \＄7，888．00 | 58\％ | \＄3，312．96 |
| F750－150SHP＋SY2－230MFT |  |  | F750－150SHP＋SY2．230MFT | 1 | \＄9，684．00 | 58\％ | \＄4，067．28 |
| F750－150SHP＋SY2－24 | － |  | F750－150SHP＋SY2－24 | 1 | \＄7，888．00 | 58\％ | \＄3，312．96 |
| F750－150SHP＋SY2－24MET |  |  | F750－150SHP＋SY2．24MET | 1 | \＄9，684．00 | 58\％ | \＄4，067．28 |
|  | Beimo | Way SHP BFV， $3165 S$ Disc ，3\％CV 5661102 Seat Maleial RTFE ASME Class 300 with Electronic | F750：300SHP＋2＇GKK24．MFT－X1 | 1 | \＄9，590．00 | 58\％ | \＄4，027．80 |
| F750．300SHP＋2＇GMB224．3．11 | Belimo |  | F750－3005HP＋2＇GMB24．3．31 | 1 | \＄7，700．00 | 58\％ | \＄3，234．00 |
| F770．300SHP＋2＇GMB24．MFT－T－1 1 N4H | Belimo |  | F750－305SHP＋2＇GMB24MF－T－－X1 N4H | 1 | \＄10，239．00 | 58\％ | \＄4，300．38 |
|  | Belimo |  | F750－300SHP＋2－GMCB224．－7－×1 N 4 | 1 | \＄9，648．00 | 58\％ | \＄4，052．16 |
|  |  |  | F750：305HP＋2＇GMC824．3．7．$\times 1$ N4H | 1 | \＄10，006．00 | 58\％ | \＄4，202．52 |
| F770－300SHP＋2＇GMX24．MF－T－－x1 N4 |  |  |  | 1 | \＄9，881．00 | 58\％ | \＄4，150．02 |
| F750．300SHP＋2＇GMx24－MET－X1 |  |  | F750－305SPP＋2＇GMX24－MFT－x1 | 1 | \＄7，930．00 | 58\％ | \＄3，330．60 |
| F750－30SSHP＋SY2－110 |  |  | F750－300SHP＋SY2－110 | 1 | \＄9，931．00 | 58\％ | \＄4，171．02 |
| F750．3005HP＋SY2－120MFT |  |  | F750．300SHP＋SY2－120MFT | 1 | \＄11，722．00 | 58\％ | \＄4，923．24 |
| F770．300SHP＋SY2．220 | Belimo |  | F750－305SHP＋SY2．220 | 1 | \＄9，931．00 | 58\％ | \＄4，171．02 |
| F750－300SHP＋SY2．230MET | Belimo |  | F750．300SHP＋SV2：230MFT | 1 | \＄11，722．00 | 58\％ | \＄4，923．24 |
| F750：30SHP＋SY2－24 | 相 |  | F750：300SHP＋SY2．24 | 1 | \＄9，931．00 | 58\％ | \＄4，171．02 |
| F750：300SHP＋SY2－24MFT | Belimo |  | F750：300SHP＋SY2：24MFT | 1 | \＄11，722．00 | 58\％ | \＄4，923．24 |
|  | Belimo | Spring Retur， 801 in．lb，MFT，24，，NEMA 4X |  |  |  |  |  |
| F750－305SHP＋SY3－110 | Belimo |  | F750－300SHP＋SY3－110 | 1 | \＄10，167．00 | 58\％ | \＄4，270．14 |
| F750－3005HP＋SY3－120MFT | o |  | F750．300SHP＋SYY3．120MFT | 1 | \＄11，976．00 | 58\％ | \＄5，029．92 |
| 50．300SHP＋5Y3．220 |  |  | F750－300SHP＋SY3．220 | 1 | \＄10，167．00 | 58\％ | \＄4，270．14 |
| F750．3005HP＋SYY．230MFT |  |  | F750．3005HP＋SYY．230MFT | 1 | \＄11，976．00 | 58\％ | \＄5，029．92 |
| F750：305SPP＋SY3．24 |  |  | F750－305SPP＋SY3．24 | 1 | \＄10，167．00 | 58\％ | \＄4，270．14 |
| F750：300SHP＋SY3－24MET | 硣 |  | F750：300SHP＋SY3－24MET | 1 | \＄11，976．00 | 58\％ | \＄5，029．92 |
| F750HDPAFBup．s．x1 | Bellmo |  | F750HD＋AFBUP．S．$\times 1$ | 1 | \＄1．575．00 | 58\％ | \＄66150 |
| fronemex | no |  |  |  |  |  |  |
|  | Belimo |  | F750H＋AABUP－X1 | 1 | \＄1，488．00 | 58\％ | S24．96 |
| F750HD＋AFX24．MET．S．x1 | o |  | F750HD＋AFP24．MET．S．x1 | 1 | \＄1，813．00 | 58\％ | \＄761．46 |
| F750HDAFAK24－MFT－X1 |  |  |  | 1 | \＄1，740．00 | 58\％ | \＄730．80 |
| F750HD＋AMB22．3．31 |  |  | F75HD＋AMB22．3．$\times 1$ | 1 | \＄1，269．00 | 58\％ | \＄532．98 |
| F750H＋AMM 2 －MMF－＞1 |  |  | F750HD＋AMX24MF－．x1 | 1 | \＄1，441．00 | 58\％ | \＄605．22 |
| F750HD＋GMB24MET－T． ¢ $^{\text {NaH }}$ |  |  | F750HD＋GMB24．MFT－T．$\times 1$ N4H | 1 | \＄2，963．00 | 58\％ | \＄1，244．46 |
| F750HD＋GMCB24．3．7．$\times 1 \times \mathrm{NAH}$ |  |  | F750HD＋GMCB24．3．－．x $\times 1$ NAH | 1 | \＄2，350．00 | 58\％ | \＄987．00 |
| F750HD＋SY2．110 | 。 |  | F750HD＋SY2－110 | 1 | \＄3，688．00 | 58\％ | \＄1，548．96 |
|  | elimo | Onolit，120V，，EMA AX |  |  |  |  |  |
| F550HD＋SV2－120MFT | Belimo |  | F750HD＋SY2－120MFT | 1 | \＄5，020．00 | 58\％ | \＄2，108．40 |
| S0HH＋SY2．220 | Belimo |  | F750HD＋SY2．220 | 1 | \＄3，688．00 | 58\％ | \＄1，548．96 |
| F750HD＋SY2：230MFT |  |  | F750HD＋SY2－230MFT | 1 | \＄5，020．00 | 58\％ | \＄2，108．40 |
| F750HD．SY\％2．24 | Belimo | MMIT，230V，NEMA 4 AX | F7504D．SY2． 24 | 1 |  |  |  |
| FF50HD＋SY2：24 | Belimo |  | FF5OHD＋SY2．24 | ＋ | \＄3，688．00 | 58\％ | \＄1，548．96 |
| F750HD＋SY2．24MET | Belimo |  | F750HD＋SY2－24MET | 1 | \＄5，020．00 | 58\％ | \＄2，108．40 |
| F750HDUAAFBup－x1 |  |  | F750HDUAAFBup．x1 | 1 | \＄1，461．00 | 58\％ | \＄613．62 |
| F750HDUHAEX24－MET．－．$\times$ ． | Belimo |  | E750HDU．AFX24．MET．S．$\times 1$ | 1 | \＄179900 | 58\％ | \＄75558 |
| F750HDUAFAF24－MFT－X1 | ${ }^{\text {Belimo }}$ |  | F750HDUAAFX24．MT－${ }^{\text {a }}$ | 1 | \＄1，725．00 | 58\％ | \＄724．50 |
| F750HDU + AMB24 3 ．$\times 1$ |  |  | F750HDU + AMB2 $4.3 \times 1$ | 1 | \＄1，236．00 | 58\％ | \＄519．12 |
| F750HDUAAMX24．MF－－X1 |  |  | F750HDUAAMX24．MF－．x1 | 1 | \＄1，394．00 | 58\％ | \＄585．48 |
| F750HOUSYY－110 |  |  | SY－110 | 1 | \＄3，468．00 | 58\％ | \＄1，456．56 |
| F750HDUSSY1－110P |  |  | F750HOU＋SY 1 －110P | 1 | \＄4，665．00 | 58\％ | \＄1，959．30 |
| F750HOUSYY－220 |  |  | F750HOUHSY1－220 | 1 | \＄3，468．00 | 58\％ | \＄1，456．56 |
|  | Belimo |  | F750HOUSYY 2 200 | 1 |  |  |  |
| F500HDUSST－220P | Belimo |  | FF50HOU＋STV－220P | ＋ | \＄4，665．00 | 58\％ | \＄1，959．30 |
| F750HOU＋SY1－24 | Belimo |  | F750HDU＋SY1－24 | 1 | \＄3，468．00 | 58\％ | \＄1，456．5 |
| F750HOU＋SY－24P |  |  | F750HDUSSY1－24P | 1 | \＄4，665．00 | 58\％ | \＄1，959．30 |
|  |  |  |  |  |  |  |  |

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Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated icroprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mout HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integr
products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utiize certain protocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
ff Itegrated Microprocessor-Based HVAC Equipment;

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtub showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
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A. General Purpose IT, Telecommumications, Networking Cabling, Fiber Optics (e.g. phone, pbx, digital centrex, digital key systems, television, cable, T-Line, general broadband,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency

|  |  |  |  | arranty Period - \# of year(s) after |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | ause 54 | Ist Pice | coumt | Ws Net Picee |
| F750VIC+2.AF24 US | Belimo | 3.way groved BFV, 2\%, COP 200ps with Sping, 133inlb, OnNoft, 24 V | F750VIC+2APF24 US | 1 | \$4,748.00 | 58\% | \$1,994.16 |
|  | Belimo |  |  | 1 | \$4,905.00 | 58\% | \$2,060.10 |
| F750VIC+2-AFBup.X1 | Belimo |  | F750VIC $+2^{\text {PAFBUP}}$ - $\mathrm{XI}_{1}$ | 1 | \$4,818.00 | 58\% | \$2,023.56 |
| F750VICAAFBUP.S.X1 | Belimo |  |  | 1 | \$3,501.00 | 58\% | \$1,470.42 |
| F750VIC+AFBup-x1 | Belimo |  | F750VC+AFBup-x1 | 1 | \$3,414.00 | 58\% | \$1,433.88 |
|  | Belimo |  | F750VIC+AFX24.MET-S. $\mathrm{Xl}_{1}$ | 1 | \$4,064.00 | 58\% | \$1,706.88 |
| F750VC+AFX24-MF--x1 | Belimo |  | F750VC+AFF24-MF-->1 | 1 | \$3,546.00 | 58\% | \$1,489.32 |
| F750VIC+AMB243.31 | Belimo |  | F750VIC+AMB243.31 | 1 | \$3,255.00 | 58\% | \$1,367.10 |
| F750VIC+AMX24-MFT-X1 <br> F750VIC+GMB24-3-X1 | Belimo | 3 -way grooved BFV, $2^{\prime \prime}$, COP 200psi with Non-Spring Return, 180 in-lb ,MFT, 24 V 3 -way grooved BFV, 2", COP 200psi with Non-Spring Return, 360 in-lb ,On/Off/Floating, 24 V | F750VIC+AMX24-MFT-X1 F750VIC+GMB24-3-X1 | $\begin{aligned} & 1 \\ & 1 \end{aligned}$ | \$3,422.00 \$3,409.00 | $\begin{aligned} & 58 \% \\ & 58 \% \end{aligned}$ | $\begin{aligned} & \$ 1,437.24 \\ & \$ 1,431.78 \end{aligned}$ |
| FF50VVC+CMM 24 -MF--X1 | Belimo Belimo |  | F750VIC+GMX24MFT-X1 | 1 | \$3.499.00 | 58\% | \$1,469.58 |
| FF75VC+SYY-110 | Belimo |  | FF7ovic+SYY-110 | 1 | \$4,142.00 | 58\% | \$1,4699.58 $\$ 1,739.64$ |
| F750VGCSY1-1100 | Belimo |  | F750VC+SY/-110P | 1 | \$5,696.00 | 58\% | \$2,392.32 |
| F750VIC+SY1-220 | Belimo |  | F750VIC+SYY-220 | 1 | \$4,142.00 | 58\% | \$1,739.64 |
| F750VIC+SY1-220P | Belim |  | F750VC+SY1-220P | 1 | \$5,696.00 | 58\% | \$2,392.32 |
| F750VIC+SY1-24 | Belimo |  | F750VIC+SY1-24 | 1 | \$4,142.00 | 58\% | \$1,739.64 |
| F750VIC+SY1-24P | Belf |  | F750VIC+SY1-24P | 1 | \$5,996.00 | 58\% | \$2,392.32 |
| F7600-150SHP+SY $12 \cdot 110$ | Belimo |  | F7600-150SHP+SY12-110 | 1 | \$134,307.00 | 58\% | \$56,408.94 |
| F760-150SHP+SY12-120MFT | Beli |  | F7600-150SHP+SY12-120NFT | 1 | \$136,332.00 | 58\% | \$57,25.44 |
| F7600-150SHP+SY12-220 | Belimo | 3.Way SHP BEV, 31 Niss isme | F7600-150SHP+SY12:220 | 1 | \$134,307.00 | 58\% | \$56,408.94 |
| F7600-150SHP+SY12-230MFT | Belimo |  | F7600-150SHP+SY12-230MFT | 1 | \$136,332.00 | 58\% | \$57,259.44 |
| F7600-30SSHP+SY12:10 | Bero | 3.Way SHP BFY, 316 SS Disc, | F7600:300sHP+SY12:110 | 1 | \$218,224.00 | 58\% | \$91,654.08 |
| F7600.300SHP+SY12-120MFT | Belimo |  | F7600.300SHP+SY12-120MFT | 1 | \$220,251.00 | 58\% | \$92,505.42 |
| F7600.300SHP+SY12:220 | Belf |  | F7600.300sHP+SY12.220 | 1 | \$218,224.00 | 58\% | \$91,654.08 |
| F7600:300SHP+SY12-230MFT | Belif |  | F7600-300SHP+SY12-230MFT | 1 | \$220,251.00 | 58\% | \$92,505.42 |
| F7600HD+SY12:10 | Belimo |  | F7600HD+SY12:110 | 1 | \$51,149.00 | 58\% | \$21,482.58 |
| F7600HD+SY12-120MFT | Belimo |  | F7600HD+SY12-120MFT | 1 | \$54,241.00 | 58\% | \$22,781.22 |
| F7600HD+SY12:220 | Belif |  | F7600HD+SY12-220 | 1 | \$551,149.00 | 58\% | \$21,482.58 |
| F7600HD+SY12-230MFT | Bell |  | F7600HD+SY12-230MFT | 1 | \$54,241.00 | 58\% | \$22,781.22 |
| F765-150SHP+2'GK1244-MFT-X1 | Bell | 3.Way SHP BFV, $3165 s$ Disc, |  | 1 | \$8,482.00 | 58\% | \$3,562.44 |
|  | Belimo | 3.Way SHP BEV, $3165 S$ Sisc, |  | 1 | \$6,592.00 | 58\% | \$2,768.64 |
| F765.150SHP+2-GMB22-MF-T-Tx1 NaH | Belimo |  | F765-150SHP+2'GMB24-MFT-T-X1 1 N4H | 1 | \$9,166.00 | 58\% | \$3,849.72 |
|  | Belimo |  |  | 1 | \$8,559.00 | 58\% | \$3,594.78 |
|  | Belimo |  |  | 1 | \$8,917.00 | 58\% | \$3,745.14 |
| F765-150SHP+2'GMX24MF-T-->1 N4 |  | 3 .Way SHP PEV, 3165 SS |  | 1 | \$8,808.00 | 58\% | \$3,699.36 |
|  | Be |  | F765-150SHP+2'GM 2 24.MTT | 1 | \$6,822.00 | 58\% | \$2,865.24 |
| F765-150SHP+GGK24-MET-X1 | Belimo |  | F765-150SHP+GGKX24MF-X1 | 1 |  |  |  |
|  | Belimo |  | F765-50SHP+GGKX24MF-X1 | ' | \$7,200.00 | 58\% | \$3,024.00 |
| F765-150SHP+GMB24.3.×1 | Belimo |  | 824.3.1 | 1 | \$6,260.00 | 58\% | \$2,629.20 |
| F765-150SHP+GMB24-MFT-T-1 1 N4H | Belimo |  | F765-150SHP+GMB24-MFT-T-X1 N4H | 1 | \$8,204.00 | 58\% | \$3,445.68 |
| F775-1505HP+GMC824-3-7.x1 N4 | Balimo | 3-Way SHP BFV, 316SS Disc, $2.5^{\prime \prime}$, Cv 80/146 Seat Material RTFE ASME Class 150 with NonSpring Return, $360 \mathrm{in}-\mathrm{lb}$,On/Off/Floating,24V NEMA 4 | F775-150SHP+GMC824-3-7.x1 N4 | 1 | \$7,725.00 | 58\% | \$3,244.50 |
|  | Belimo |  | F765-150SHP+GMCB224.3.-x/ 1 N4H | 1 | \$8,083.00 | 58\% | \$3,394.86 |
| F765-15SHPP+GMX24-MFT-T-X1 N4 | Belimo |  | F765-150SHP+GMX24-MF-T-T. 1 N4 | 1 | \$7,846.00 | 58\% | \$3,295.32 |
| F765-150SHP+GMX24-MFT-X1 | Beimo |  | F765-150SHP+GMX24-MFT- $\mathbf{x}^{1}$ | 1 | \$6,370.00 | 58\% | \$2,675.40 |
| F765-150SHP + S 2 2-110 | Belimo |  | F765-150SHP+SY2-110 | 1 | \$8,049.00 | 58\% | \$3,380.58 |
| F765-150SHP+SY2-120MFT | Belimo |  | F765-150SHP+SY2-120MFT | 1 | \$9,845.00 | 58\% | \$4,134.90 |
| 55-150SHP+SY2-220 | Belimo |  | F765-150SHP+SY2-220 | 1 | \$8,049.00 | 58\% | \$3,380.58 |
| F765-150SHP+SY2.230MFT | Balimo | 3.Way SHP BFV, 316 SSS Disc, 2.5" Cv $80 / 146$ Seat Matarial RTFE ASME Class 150 with NonSping Feeurn, 80 inilb, MFT, ,230V,NEMA AX | F765-150SHP+SY2-230MFT | 1 | \$9,845.00 | 58\% | \$4,134.90 |
| F765-150SHP+SY2. 24 | Belimo |  | F765-150SHP+SYY2. 24 | 1 | \$8,049.00 | 58\% | \$3,380.58 |
| F765-150SHP+SY2.24M-T | Beimo | 3-Way SHP BFV, 316SS Disc, $2.5^{\prime \prime}$, Cv 80/146 Seat Material RTFE ASME Class 150 with Non Spring Return, 801 in-lb ,MFT,24V,NEMA 4X | F765-150SHP+SY2.24M-T | 1 | \$9,845.00 | 58\% | \$4,134.90 |
| F766-300SHP+2'GKK24-MFT-X1 | Belimo |  | F766-300SHP+2'GK224-MF-X1 | 1 | \$10,830.00 | 58\% | \$4,548.60 |
| F776.3005HP+2'GME24.3.-1 | Belim |  |  | 1 | \$8,014.00 | 58\% | \$3,365.88 |
| F766-300SHP+ +2 'GMBX24-MFT--X1 ${ }^{\text {N4H }}$ | Belimo | 3-Way SHP BFV, $3165 S$ Disc, 2.5", CV $75 / 433$ Seat Material RTFE ASME ANSI ANSI Class 301 with Non-Spring Return,MFT,24V,NEMA 4 H | F765.3005HPP2'GMBX24-MFT-T.-x1 N4H | 1 | \$12,833.00 | 58\% | \$5,389.86 |
| F766:300SHP+2'GMCB24.3.-.x1 N4 | Belimo | 3.Way SHP BFV, $3165 S$ Disc, 2.5 ". C V 751443 Seat Materia RTFE ASME Class 300 with Nop- <br>  |  | 1 | \$12,229.00 | 58\% | \$5,136.18 |
|  | dimo | 3-Way SHP BFV, 316 SS Disc, 2.5", Cv 55143 Seat Material RTFE ASME ANSI ANSI Class 300 |  | 1 | \$12,587.00 | 58\% | \$5,286.54 |
| F765-30SSHP+2'GMX24MF-T--x1 N4 | Belimo | 3-W ay SHP BFV, 316SS Disc, $2.5^{\prime \prime}$, Cv $75 / 143$ Seat Material RTFE ASME Class 300 with NonSpring Return, 360 in-lb ,MFT, 24V, NEMA | F765-30SSHP2'GMXX24MF-T-X1 N4 | 1 | \$12,475.00 | 58\% | \$5,239.50 |
|  | Belimo | 3-Way SHP BFV, $316 S S$ Disc, $2.55^{\prime \prime}$. CV $75 / 43$ Seat Material RTFE ASME Class 300 with Non- |  | 1 | \$9,170.00 | 58\% | \$3,851.40 |
| F765.300SHP+SY2-110 | Belimo |  | F5.300SHP+SY2-110 | 1 | \$14,248.00 | 58\% | \$5,984.16 |
| F766-300SHP+SY2-120MFT | Bolimo |  | F776-300SHP+SY2-120MFT | 1 | \$16,000.00 | 58\% | \$6,720.00 |
| F765-305SHP+SY2.220 | Beimo | 3 -Way SHP BFV, 316 SS Disc, $2.5^{\prime \prime}$, Cv $75 / 143$ Seat Material RTFE ASME Class 300 with NonSpring Return, 801 in-lb ,On/Off,230V,NEMA 4X | F776.300sHP+SY2-220 | 1 | \$14,248.00 | 58\% | \$5,984.16 |
| F765.300SHP+SY2.230MFT | Belimo |  Sping Reeur, 80 inilb, MFT, 230V,NEMA AX | F765:300SHP+SY2.230MFT | 1 | \$16,000.00 | 58\% | \$6,720.00 |
| F765:305SP+SYY2-24MET | Belimo | 3-Way SHP BFV, 316 SS Disc, $2.5^{\prime \prime}$, Cv $75 / 143$ Seat Material RTFE ASME Class 300 with NonSpring Return, 801 in-lb ,MFT, 24V,NEMA 4X | F765:300SHP+SY2-24NFT | 1 | \$16,000.00 | 58\% | \$6,720.00 |
| F765.300 SHP+SY3-110 | Belimo | 3-Way SHP BFV, 316 SS Disc, $2.5^{\prime \prime}$, Cv $75 / 143$ Seat Material RTFE ASME Class 300 with NonSpring Return, 1335 in-lb,On/Off, 120V, NEMA 4 X | F776-300SHP+SY3-110 | 1 | \$14,487.00 | 58\% | \$6,084.54 |
| F765.3005HP+SYY.120MET | Belimo |  | F765.3005HP+SY3.120MFT | 1 | \$16,293.00 | 58\% | \$6,843.06 |
| F765.30SSHP+53-220 | Belimo |  | 7765.3005HP+SY3.220 | 1 | \$14,487.00 | 58\% | \$6,084.54 |
| F765.3005HP+SYY.230MET | Bolimo |  | F765.300SHP+SYY.230MFT | 1 | \$16,293.00 | 58\% | \$6,843.06 |
| F765.30SHP+SY3-24 | Beimo | 3 -Way SHP BFV, 316 SS Disc, $2.5^{\prime \prime}$, Cv $75 / 143$ Seat Material RTFE ASME Class 300 with NonSpring Return, $1335 \mathrm{in}-\mathrm{lb}, \mathrm{On} / \mathrm{Off}, 24 \mathrm{~V}, \mathrm{NEMA} 4 \mathrm{X}$ | F765.3005HP+SY3.24 | 1 | \$14,487.00 | 58\% | \$6,084.54 |
| F766-300SHPSSY3.24MET | Belimo | 3-Way SHP BFV, 316 SS Disc, $2.5^{\prime \prime}$, Cv $75 / 143$ Seat Material RTFE ASME Class 300 with NonSpring Return, 1335 in-lb,MFT, 24 V, NEMA 4 X | F766.300SHPSSY3-24MFT | 1 | \$16,293.00 | 58\% | \$6,843.06 |
|  | Belimo |  | F765H+2+AFABUP.S. $\times 1$ | 1 | \$2,267.00 | 58\% | \$952.14 |
|  | Belimo |  | F765HD+2AFEUP-X1 | 1 | \$2,180.00 | 58\% | \$915.60 |
| F765HD+2'AFK24.MFT-S. ${ }^{\text {a }}$ | Beimo |  |  | 1 | \$2,720.00 | 58\% | \$1,142.40 |
| F765H1+2'AF×24-MFT-X1 | Belimo |  | F765HD+2'AF×24MF--X1 | 1 | \$2,655.00 | 58\% | \$1,115.10 |
| F765HD+GKK24.MF-×1 | Belimo |  | F765HD+GKK24.MF-.-x1 | 1 | \$2,536.00 | 58\% | \$1,065.12 |

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platforms/systems.
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ff Itegrated Microprocessor-Based HVAC Equipment;

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
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.. General Purpose IT, Telecommunications, Networking Cabing, Fiber Optics (e.g. phone, pbx, digital centrex, digital key systems, television, cable, T-Line, general broadband,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
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platforms/systems.
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b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
of Integrated Microprocessor-Based HVAC Equipment

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units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor-controlled included/controlled), or
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A. Audi-Video

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
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| Modes Number | Mantuacurer |  | Proctuct Code | $\begin{gathered} \text { "Warranty Period }- \text { \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54 \text { " } \end{gathered}$ | - | \% Discomet | NVS Nel Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |
| F780.300SHP+SY2-120MFT | Belimo |  | F780-300SHP+SY2. 120 MFT | 1 | \$13,136.00 | 58\% | \$5,517.12 |
| F770-300SHP+SY2.220 | Belimo |  | F770.300sHP+SV2.220 | 1 | \$11,343.00 | 58\% | \$4,764.06 |
| F780.300SHP+SY2.230MFT | Balimo |  | F780.300SHP+SY2.230MFT | 1 | \$13,136.00 | 58\% | \$5,517.12 |
| F780:300SHP+SY2-24 | Balimo |  | F780-300SHP+SY2.24 | 1 | \$11,576.00 | 58\% | \$4,861.92 |
| F780-300SHP+SY3-110 | Beimo |  | F770.300SHP+SY3-110 | 1 | \$11,576.00 | 58\% | \$4,861.92 |
| F780.300SHP+SY3-120MFT | Beimo | 3-Way SHP BFV, 316SS Disc, 3", Cv 117/223 Seat Material RTFE ASME Class 300 with NonSpring Return, 1335 in-lb,MFT,120V,NEMA 4X | F780-300SHP+SY3-120MFT | 1 | \$13,385.00 | 58\% | \$5,621.70 |
| F770-300sHP+SY3-220 | Beimo | 3-Way SHP BFV, 316SS Disc, $3^{\prime \prime}$, Cv 117/223 Seat Material RTFE ASME Class 300 with NonSpring Return, 1335 in-lb,On/Off,230V,NEMA 4X | F780.300SHP+SYY-220 | 1 | \$11,576.00 | 58\% | \$4,861.92 |
| F780.3005HP+SY3.230MFT | Beimo |  | F780-300SHP+SYY-230MFT | 1 | \$13,385.00 | 58\% | \$5,621.70 |
| F780-305SHP + SY 3.24 | Belimo |  | F780-305SPP + SY 3.24 | 1 | \$11,576.00 | 58\% | \$4,861.92 |
| F780:30SHPPSY3.24MFT | Beimo |  | F780:300SHPSSY3-24MET | 1 | \$13,385.00 | 58\% | \$5,621.70 |
| F780HD+2'GKK24-MFT.X1 | Beimo |  | F780HD+2'GGK24.MFT.-X1 | 1 | \$2,536.00 | 58\% | \$1,065.12 |
| F780HO+2'GME24.3. $\times 1$ | Belimo |  | F780H+ +2 'GME2243. $\times 1$ | 1 | \$1,919.00 | 58\% | \$805.98 |
| F780HD+2'GMB24-MET-T.-1 N4H | Belimo | 3-Way DI BFV, SS Disc, 3" CV 302, COP 200pss with Non-Spring Retur,360 in-lb, MFT, 24 V , |  | 1 | \$4,466.00 | 58\% | \$1,875.72 |
| F788H0+2'GMCB243.-.x1 1 N | Belimo |  |  | 1 | \$3,464.00 | 58\% | \$1,45 |
| F780HD+2'GMC824.3.-.x1 N4H $^{\text {a }}$ | Beimo | 3-Way DI BFV, SS Disc, $3^{\prime \prime}$ CVV 302, COP 2000ps with Non-Spring Return, 360 in-lb | F7800H+2'GMCB24.3.7.1 1 N4H | 1 | \$3,822.00 | 58\% | \$1,605.24 |
| F780HD+2'GMCB24-MET-T-X1 1 N4H | Belimo |  | F7800H+2'GMCB24MFT-T-X1 ${ }^{\text {N4H }}$ | 1 | \$4,460.00 | 58\% | \$1,873.20 |
| F780HD+2'GMX24-MFT-T-x1 ${ }^{\text {N4 }}$ | Balimo |  |  | 1 | \$4,108.00 | 58\% | \$1,725.36 |
| F780HD+2'GMX24.MFT-X1 | Simo |  | F780HD+2'GMX24.MET-X1 | 1 | \$2,361.00 | 58\% | \$991.62 |
| F780HD+SY2-110 | Beimo |  | F780HD+SY2-110 | 1 | \$3,843.00 | 58\% | \$1,614.06 |
| F780HD+SY2-120MFT | Belimo |  | F780HD+SY2-120MFT | 1 | \$5,170.00 | 58\% | \$2,171.40 |
| F780HD+SY2.220 | Belimo |  | F780HD+SV2-220 | 1 | \$3,843.00 | 58\% | \$1,614.06 |
| F780HD+SY2:230MFT | Beimo | 3-Way DI BFV, SS Disc, ${ }^{3}$ | F780HD+SY2-230MFT | 1 | \$5,170.00 | 58\% | \$2,171.40 |
| F780HD+5Y2.24 | Belimo |  | F780HD+SY2.24 | 1 | \$3,843.00 | 58\% | \$1,614.06 |
| F780H+SY2.24MET | Balimo |  | F780HD+SY2-24MET | 1 | \$5,159.00 | 58\% | \$2,166.78 |
|  | Belimo |  | F780HDU +2 'AFsbup.s.x1 | 1 | \$2,290.00 | 58\% | 961.80 |
| F780HDU $2^{2}$ Afbup. $\mathrm{XI}_{1}$ | Beimo |  | F780hDU+2'AFBup.x1 | 1 | \$2,203.00 | 58\% | \$925.26 |
| F780HDU 2 2-AFX 2 24MFT-S. $\times 1$ | Belimo |  |  | 1 | \$2,720.00 | 58\% | \$1,142.40 |
|  | Beimo |  |  | 1 | \$2,747.00 | 58\% | \$1,153.74 |
| F780HDU+GKX24.MF-X1 | Baimo |  | F780HDU+GKK24MET-X1 | 1 | \$2,536.00 | 58\% | \$1,065.12 |
| F780HDU+GMB24.3.1 | Belimo | 3-Way DI BFV, SS Disc, $3^{"}$ C Cv 302, CoP 50psi with Non-Spring Retur, 360 in-lb | F780HOUGGME24.3.1 | 1 | \$1,541.00 | 58\% | \$647.22 |
|  | Belimo |  |  | 1 | \$2,725.00 | 58\% | \$1,144.50 |
|  | Beimo | 3-Way DI BFV, SS Disc, 3" Cv 302, COP 50psi with Non-Spring Retur, 360 in-lb |  | 1 | \$2,220.00 | 58\% | 32.40 |
| F780HDU'GMCB24-3.7.x1 $\times$ N4 | Belimo |  | F780HDU+GMC824.3.7. $\times 1$ N NH | 1 | \$2,578.00 | 58\% | \$1,082.76 |
|  | Beimo |  |  | 1 | \$2,367.00 | 58\% | \$994.14 |
| F780HDUGGMX24-MF--x1 | Belimo |  | F780HDU+GMX24-MFT-X1 | 1 | \$1,732.00 | 58\% | \$727.44 |
| F780HDU +SY2-110 | Belimo | 3-Way DI BFV, SS Disc, $3^{\prime \prime}$ CV 302, COP 50psi with Non-Spring Return, 801 in-lb ,On/Off,120V,NEMA 4X | F780HOU+SY2-110 | 1 | \$3,835.00 | 58\% | \$1,610.70 |
| F780HOU+SY2-120MFT | Beimo | 3-Way DI BFV, SS Disc, 3" CV 302, COP 50psi with Non-Spring Return, 801 in-lb | F780HLUH+SY2-120MFT | 1 | \$4,921.00 | 58\% | \$2,066.82 |
| F780HOU+SY2-220 | Beimo | 3-Way DI BFV, SS Disc, 3" Cv 302, COP 50 psi with Non-Spring Return, $801 \mathrm{in-lb}$ ,On/Off,230V,NEMA 4 X | F780HOU+SY2-220 | 1 | \$3,835.00 | 58\% | \$1,610.70 |
| F7800HUUSYY2:230MFT | Beimo |  | F7800HUUSYY2-230MFT | 1 | \$4,921.00 | 58\% | \$2,066.82 |
| F770HOU 5 SY 2.24 | Beimo |  | F780HDUHYSY2.24 | 1 | \$3,835.00 | 58\% | \$1,610.70 |
| F780HDU + SY2-24MFT | Belimo |  | F780HDU + SV2-24MFT | 1 | \$4,921.00 | 58\% | \$2,066.82 |
| F780VC +2 'GMB824.3.1 | Beimo |  |  | 1 | \$5,003.00 | 58\% | \$2,101.26 |
|  | ${ }^{\text {Baimo }}$ |  |  | 1 | \$5,188.00 | 58\% | \$2,178.96 |
| F780VCC+52-110 | Belimo |  | F780VC+ + SV2-110 | 1 | \$5,098.00 | 58\% | \$2,141.16 |
| F780VVC+SY2-120MFT | Beimo |  | F780VIC+SY2-120MFT | 1 | \$6,484.00 | 58\% | \$2,723.28 |
| F7800VC+SY2.220 | Belimo |  | F7800VC+SV2-220 | 1 | \$5,098.00 | 58\% | 141.16 |
| F780VVC+SY2-230MFT | Beimo |  | F780VIC+SY2:230MFT | 1 | \$6,484.00 | 58\% | \$2,723.28 |
| F780VVC+SY2.24 | Belimo |  | F780VIC+SY2. 24 | 1 | \$5,098.00 | 58\% | \$2,141.16 |
| F780VIC+SY2-24MET | Balimo |  | F780VIC+SY2-24MET | 1 | \$6,484.00 | 58\% | \$2,723.28 |
| F6100. $1505 \mathrm{HP}+\mathrm{GWW}{ }_{11}$ | Belimo | 2.Way SHP BFV, 316SS Disc, 4", Cv 248445151 Seat Mateitial $\begin{gathered}\text { Wheel Operaiar }\end{gathered}$ | F6600-15SSHP + GW ${ }_{11}$ | 1 | \$4,025.00 | 58\% | \$1,690.50 |
| F6100-150SHP+HNDO6 | Beimo | 2-Way SHP BFV, 316SS Disc, $4^{\prime \prime}$, Cv 248/451 Seat Material RTFE ASME Class 150 with Manual Handle | F6100-150SHP+HNOD 6 | 1 | \$3,060.00 | 58\% | 285.20 |
| F6100.300SHP + GW $_{11}$ | Belimo |  | F6t00.300SHP + +GW 11 | 1 | \$3,933.00 | 58\% | \$1,651.86 |
| F6100:300SHP+HNDO6 | Belimo |  | F6100-300SHP+HNDO6 | 1 | \$3,193.00 | 58\% | \$1,341.06 |
| F6100HD+GW02 | Beimo |  | F6100HD+Gw02 | 1 | \$556.00 | 58\% | \$233.52 |
| F6100H+HNDO22 | Beimo | ${ }^{2}$.Way DI EFV, SS Disc, 4 " Cv 600, COP 200psi with Manual Handie | F6100H+HNDO2 | 1 | \$334.00 | 58\% | \$140.28 |
| F6612-150SHP + GW 12 | Belimo |  | F6125-150SHP + GW 12 | 1 | \$5,540.00 | 58\% | \$2,326.80 |
| F6125-150SHP+HNOO7 | Belimo | 2-Way SHP BFV, 316 SS Disc, 5 ", CV 392/714 Seat Material RTFE ASME Class 150 with Manual Handle | F6125-150SHP+HNOO7 | 1 | \$4,913.00 | 58\% | \$2,063.46 |
| F6125-300SHP+GW 12 | Beimo | 2-Way SHP BFV, 316 SS Disc, $5^{\prime \prime}$, Cv $361 / 688$ Seat Material RTFE ASME Class 300 with Gear Wheel Operator | F6125-30SSHP+GW 12 | 1 | \$6,303.00 | 58\% | \$2,647.26 |
| F6125.300SHP+HN007 | Beimo | 2-Way SHP BFV, 316SS Disc, $5^{\prime \prime}$, CV $361 / 688$ Seat Material RTFE ASME Class 300 with Manual Handle | F6125.300SHP+HNDO7 | 1 | \$5,576.00 | 58\% | \$2,341.92 |
| F6125HP+Gw02 | Beimo | 2.Way DI BFV, SS Disc, $5^{\prime \prime} \mathrm{CV} 1022$, COP 200psi with Gear Wheel Operator | F6125HP+GW02 | 1 | \$658.00 | 58\% | \$276.36 |
| F6125HD+HNOO2 | Baimo |  |  | 1 | ${ }_{\$ 483.00}$ | 58\% | \$202.86 |
| F6150.-15SHHP+ +WW 12 | Baimo | 2.Way SHP BFV, $316 S S$ Disc, 6 " Cv $\mathbf{c}$ 607/1103 Seat Material RTFE ASME C Cass 150 winh Gear |  | 1 | \$5,624.00 | 58\% | \$2,362.08 |
| F6150-150SHP+HNOO7 | Belimo | 2-Way SHP BFV, 316SS Disc, 6", Cv 607/1103 Seat Material RTFE ASME Class 150 with Manual | F6150-150SHP+HND07 | 1 | \$4,489.00 | 58\% | \$1,885.38 |
| F6150:30 SHP + + GW 13 | Belimo | 2-Way SHP BFV, 316 SS Disc, 6 ", Cv $546 / 1041$ Seat Material RTFE ASME Class 300 with Gear Wheel Operator | F6650.30SSHP+GW 13 | 1 | \$5,239.00 | 58\% | 20.38 |
| F6650:300SHP+HNOO8 | Beimo |  | F6650.300SHP+HNDO8 | 1 | \$4,512.00 | 58\% | \$1,895.04 |
| F6150HD+GW02 | Baimo | 2.Way DIBFV, SS Disc, $6^{\prime \prime}$ CV1 157, COP 200ps with Gear Wheel Operator | F6150HD+GW02 | 1 | \$707.00 | 58\% | \$296.94 |
|  | Baimo |  | F6150HD+HNOO2 | 1 | \$564.00 | 58\% | \$236.88 |
| F6200-150SHP + 6 W 13 | Beimo |  | F6200-1505HP +6.13 | 1 | \$6,653.00 | 58\% | \$2,794.26 |
| F6200-150SHP+HNOO8 | Belimo | 2.Way SHP BFV, 316 SSS Dicc, 8 ", Cv 1135 20064 seat Material RTFE ASME Class 150 with Manual | F6200-150SHP+HNOD | 1 | \$5,741.00 | 58\% | 1.22 |
| F6200:300sHP+Gw 14 | Belin | 2-Way SHP BFV, 316 SS Disc, 8 ", Cv 1001/1911 Seat Material RTFE ASME Class 300 with Gear Wheel Operator | F6200-305SHP+GW 14 | 1 | \$6,977.00 | 58\% | \$2,930.34 |
| F6200HD + Gwos | Belimo |  | F6200HD+6w03 | 1 | \$1,054.00 | 58\% | \$442.68 |
| F6200HD+HNDO3 | Belimo | 2 -Way D1 PFV, SS Disc, $8^{\prime \prime}$ Cr 13136, COP 200ps with Manual Handle | F6200HD+HNDO3 | 1 | \$834.00 | 58\% | \$350.28 |
| F6250-150SHP+GW 15 | Belimo | 2-Way SHP BFV, 316 SS Disc, 10 ", Cv 1934/3517 Seat Material RTFE ASME Class 150 with Gear Wheel Operator | F6250.150SHP+GW 15 | 1 | \$9,898.00 | 58\% | \$4,157.16 |
| F620.300SHP+ +GW16 | Beimo |  | F6200.300sHP + \& 16 | 1 | \$11,570.00 | 58\% | \$4,859.40 |

The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated icroprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Buiding Control Systems are also subcategories of Building Automation Systems.
3. Itegrated Microprocessor-Controlled HVAC Eq里 Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain proiocos (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

Integrated Microprocessor-Based HVAC Equipment;

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, howers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he

Factory Installed/Factory-Provided micro-processor--controlled included/cont
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
B. Gueral Purps in, Telecommicaions, Networking Cabling,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communcate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

|  |  |  |  | "Warranty Period - \# of year(s) afteracceptance as required by Appendix B, | (1) | \% | NVS Net Prices |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |
| F6250HD+GW03 | Belimo | 2.Way O1 IEFV, SS Disc, 10" C C 5340, COP 200psi with Gear Wheel Operalor | F6250HD+GW03 | 1 | \$1,400.00 | 58\% | \$588.00 |
| F6300-150SHP +GW17 | Belimo |  | F6300-150SHP + +GW 17 | 1 | \$13,036.00 | 58\% | \$5,475.12 |
| F6300.305SHP +GW 18 | Belimo | 2-Way SHP BFV, 316 SS Disc, $12^{\prime \prime}$, Cv $2319 / 4428$ Seat Material RTFE ASME Class 300 with Gear Wheel Operator | F6300-305SHP +GW 18 | 1 | \$15,279.00 | 58\% | \$6,417.18 |
| FG300hD+GW04 | Belimo | 2.Way DI IBFV, SS Disc, 12" CV $8250, \mathrm{COP}$ 200psi with Gear Wheel Operator | Fg300hdotwo4 | 1 | \$2,07. 00 | 58\% | \$842.94 |
| F6350-150SHP +GW 19 | Belimo | 2.Way SHP BFV, $3165 S$ Diso, 14, Cv 35926857 Sear Mateial RTEE ASME Class 150 with Gear | F6350-150SHP+ + GW 19 | 1 | \$17,234.00 | 58\% | \$7,238.28 |
| F6350-305SHP +GW20 | Belimo |  | F6350-305SHP+GW20 | 1 | \$26,999.00 | 58\% | \$11,339.58 |
| Fg350htotwo4 | Belimo |  | F6350HD+GW04 | 1 | \$2,595.00 | 58\% | \$1,089.90 |
| F6400-150SHP + GW 21 | Belimo |  | F6400-150SHP + dW 21 | 1 | \$24,459.00 | 58\% | \$10,272.78 |
| F6400:300SHP+GW22 | Belimo | 2-Way SHP BFV, 316 SS Disc, $16^{\prime \prime}$, CV $\begin{gathered}\text { 3988/8243 Seat Material RTFE ASME Class } 300 \text { with Gear } \\ \text { Wheel Operator }\end{gathered}$ | F6400:300SHP+GW22 | 1 | \$31,908.00 | 58\% | \$13,401.36 |
| F6400HD+awos | Belimo |  | F6400HP+awos | 1 | \$4,422.00 | 58\% | \$1,857.24 |
| F6450-150SHP +GW23 | Belimo |  | F6450-150SHP + dW 23 | 1 | \$28,513.00 | 58\% | \$11,975.46 |
| F6450-305SHP+GW24 | Belimo |  | F6450-300SHP+GW24 | 1 | \$40,612.00 | 58\% | \$17,057.04 |
| F6450Hodawo | Belimo | 2.Way OI BFV, SS DS ISc, 18" Cv2 21705, COP 150psi with Gear Wheel Operatior | F6450HD+GW06 | 1 | \$5,327.00 | 58\% | \$2,237.34 |
| F6500-150SHP +GW25 | Belimo | 2-Way SHP BFV, $3165 S$ Disc, 20 ", Cv $7590 / 14220$ Seat Material RTFE ASME Class 150 with | F6500-150SHP + \& $^{2} 25$ | 1 | \$38,260.00 | 58\% | \$16,069.20 |
| F6500-305SHP +GW26 | Belimo |  | F6500.305SHP+GW26 | 1 | \$51,876.00 | 58\% | \$21,787.92 |
| F6500HD+GW07 | Beimo |  | F6500hdeawor | 1 | \$7,652.00 | 58\% | \$3,213.84 |
| F650-150SHP + +6. 10 | Belimo | 2-Way SHP BFV, 316SS Disc, 2", Cv 56/102 Seat Material RTFE ASME Class 150 with Gear Wheel Operator | F650-150SHP + +6w 10 | 1 | \$3,763.00 | 58\% | \$1,580.46 |
| F650-150SHP+HNDO5 | Belimo | 2 -Way SHP BFV, $3165 S$ Disc, 2 ", CV56/102 Seat Manderial RTFE ASME Class 150 with Manual | F650-150SHP+HNOO5 | 1 | \$2,771.00 | 58\% | \$1,163.82 |
| F650.300SHP + GW 10 | Belimo |  | F650:300SHP + GW 10 | 1 | \$3,970.00 | 58\% | \$1,667.40 |
| F650.300SHP+HNDO5 | Belimo |  | F650.300SHP+HNOO | 1 | \$3,224.00 | 58\% | \$1,354.08 |
| F650H+Gwo 1 | Belimo | 2 -Way DI PFV, SS Disc, $2^{\prime \prime}$ CVV 15, COP 200psi with Gear Wheel Operator | F650H+GWwor | 1 | \$334.00 | 58\% | \$140.28 |
| F650HD+HNOO 1 | Belimo | 2-Way OI BFV, SS Disc, $2^{2 \prime}$ CV 115, COP 200si with Manual Hande | F65OHD+HNOO1 | 1 | \$215.00 | 58\% | \$90.30 |
| F6600-1505SH + GW 27 | Belimo | 2.Way SHP BFV, 316 SS Disc, 24 ", CV $11550 / 22050$ Seat Maerial RTFE ASME C Class 150 with | F6600-150SHP + GW 27 | 1 | \$53,104.00 | 58\% | \$22,303.68 |
| F6600.305SHP +GW28 | Belimo |  | F6600-305SHP+ \& $^{2} 28$ | 1 | \$76,145.00 | 58\% | \$31,980.90 |
| F6600hd+GW08 | Belimo |  | F6600Hotawos | 1 | \$12,868.00 | 58\% | \$5,404.56 |
| F665-150SHP+ +GW 10 | Belimo |  | F665-150SHP + +6W 10 | 1 | \$3,847.00 | 58\% | \$1,615.74 |
| F665-150SHP+HND05 | Belimo | 2.Way SHP BEV, 316sS Disc, 2.5", Cv 80/146 Sear Material RTFE ASME Class 150 with Manual | F666.150SHP+HNOO5 | 1 | \$2,812.00 | 58\% | \$1,181.04 |
| F665-30SHP + GW 10 | Belimo |  | F665.300SHP + GW 10 | 1 | \$3,991.00 | 58\% | \$1,676.22 |
| F666.300SHP+HND05 | Belimo | 2.Way SHP BEV, 316sS Disc, 25, CV75/143 Seat Material RTFE ASME Class 300 with Manual | F666.3005HP+HNDO5 | 1 | \$3,245.00 | 58\% | \$1,362.90 |
| F665H+Gwor | Belimo | 2.Way OI BFV, SS Disc, 25" CV 196, COP 200psi with Gear Wheel operator | F665H+GW01 | 1 | \$439.00 | 58\% | \$184.38 |
| F665HD+HNOO1 | Beimo |  | F665HD+HNOO1 | 1 | \$230.00 | 58\% | \$96.60 |
| F6750-150SHP + GW 29 | Belimo | 2.Way SHP BFV, 316 SS Disc, 30 ", CV 18012 2343888 Seat Material RTFE ASME C Class 150 with <br> Gear Wheel Operator | F6750-150SHP + GW 29 | 1 | \$95,336.00 | 58\% | \$40,041.12 |
| F6750HD+Gwo9 | Belimo |  | F6750HD+6wo9 | 1 | \$24,566.00 | 58\% | \$10,317.72 |
| F6800-150SHP $+\mathrm{GWW}{ }_{11}$ | Belimo |  | F680-150SHP + GWW ${ }^{11}$ | 1 | \$3,905.00 | 58\% | \$1,640.10 |
| F680-150SHPHPHNDO6 | Belimo |  | F688-150SHP+HNOO6 | 1 | \$2,872.00 | 58\% | \$1,206.24 |
| F680:30SHP + GW 11 | Belimo |  | F680-300SHP + GW 11 | 1 | \$3,730.00 | 58\% | \$1,566.60 |
| F680-300SHP+HNOD 6 | Belimo |  | F680-300SHP+HNOO6 | 1 | \$2,984.00 | 58\% | \$1,253.28 |
| F680H+G+6wor | Belimo | 2.Way II PFV, SS Disc, 3 " CV 322, COP 200psi with Gear Wheel Operator | F680H+GW01 | 1 | \$481.00 | 58\% | \$202.02 |
| F680HD+HNDO1 | Belimo | 2-Way OI BFV, SS Disc, $3^{\prime \prime}$ Cu 32, COP 200psi with Manual Hande | F680HO+HNOO 1 | 1 | \$253.00 | 58\% | \$106.26 |
| nsv-SY-01 | Belimo | Batery Back Up System for SY(1-6)-110 | nsv-sy-01 | 1 | \$4,021.00 | 58\% | \$1,688.82 |
| NsV-SY-02 | Belimo | Batarer Back Up System for SY(1-6) -10p | NsV-SY-02 | 1 | \$4,202.00 | 58\% | \$1,764.84 |
| nsv-SY-03 | Beimo | Bateer Back Up System for SY(7-10)-10 | nsV-SY-03 | 1 | \$4,311.00 | 58\% | \$1,810.62 |
| Nsv-SY-04 | Belimo | Bataer Back U US System for SY(7-10)-110P | nsv-SY-04 | 1 | \$4,497.00 | 58\% | \$1,888.74 |
| nsv-SY-05 | Belimo | Bateey Back Up System for SY(8-12)-110 | NsV-SY-05 | 1 | \$6,818.00 | 58\% | \$2,863.56 |
| NsV-SY-06 | Belimo | Baterey Back U P Ssistem for SY(8-12)-110P | NsV-SY-06 | 1 | \$7,004.00 | 58\% | \$2,941.68 |
| nsv-sY-11 | Belimo |  | nsv-SY-11 | 1 | \$4,692.00 | 58\% | \$1,970.64 |
| NsV-SY-12 | Belimo | Batery Back Up S Ssitem for SY(1-5) [24P | NsVVSY-12 | 1 | \$4,816.00 | 58\% | \$2,022.72 |
| Nsv-SY-21 | Belimo | Bateey Back Up Sysitem tor SY(1-6)-220 | NsV-SY-21 | 1 | \$4,631.00 | 58\% | \$1,945.02 |
| nsv-SY-22 | Beimo | Batarer Back Up System for SY(1-6).200P | nsv-SY-22 | 1 | \$4,753.00 | 58\% | \$1,996.26 |
| NsV-SY-23 | Belimo | Batery Back Up S Sysem for SY(7-9) 2 20 | Nsv-SY-23 | 1 | \$4,826.00 | 58\% | \$2,026.92 |
| NsV-SY-24 | Belimo | Batarer Back Up System tor SY(7-9.-220P | Nsv-SY-24 | 1 | \$4,943.00 | 58\% | \$2,076.06 |
| nsv-SY-25 | Belimo | Batay Back U Us System for SY(10-12)-220 | nsv-SY-25 | 1 | \$8,038.00 | 58\% | \$3,375.96 |
| nsv-SY-26 | Belimo | Batery Back UP Syster tor SY(10-12)-220P | nsv-SY-26 | 1 | \$8,161.00 | 58\% | \$3,427.62 |
| sY-100.-F801 | Belimo | 1000 F Fediback Polentiometer, 2 Position, Factory Insalled Opitio Only | sY-100-F801 | 1 | \$245.00 | 58\% | \$102.90 |
| sY-100-F802 | Belimo | $1000 \Omega$ Feedback Potentiometer, Proportional, Factory Installed Option Only (Proportional Models SYx...-P, SR or MFT) | sY-100-F802 | 1 | \$245.00 | 58\% | \$102.90 |
| SY-H0A-110 | Belimo | Loal Contro SY2-12, 110vac onvoff | SY-HOA-110 | 1 | \$570.00 | 58\% | \$239.40 |
| SY-Hoa-120MFT | Belimo | Loxal Controi SY2-12, 110vac Mod | SY-Hoa-120MFT | 1 | \$570.00 | 58\% | \$239.40 |
| sr-H0A-24 | Belimo | Local Control Sy2-12, 24vac onotf | sY-H0A-24 | 1 | \$570.00 | 58\% | \$239.40 |
| SY-H0A-24MET | Beimo | Local Contro SY2-12, 24va Mod | SY-HAA-24MET | 1 | \$570.00 | 58\% | \$239.40 |
| za-sv23 | Belimo | SY2-3 Repacement Handwheel | za-svz3 | 1 | \$45.00 | 58\% | \$18.90 |
| $z^{\text {za-SY46 }}$ | Belimo | SY4-6 Repaceement Handwheel | 2G-sY46 | 1 | \$63.00 | 58\% | \$26.46 |
| zG-SY78 | Belimo | SY7-8 Repaceement Handwheel | za-sy78 | 1 | \$202.00 | 58\% | \$84.84 |
| ze-SY912 | Belimo | sy9-12 Repacement Handwheel | 2G-5Y912 | 1 | \$222.00 | 58\% | \$93.24 |
| zs.bev-10 | Belimo | PvC W Whd for F6FFHS(U) (AM) | zs.ber-10 | 1 | \$283.00 | 58\% | \$118.86 |
| zs.BFV-100 | Belimo |  | zs.EFV-100 | 1 | \$502.00 | 58\% | \$210.84 |
| zs.bev-20 | Belimo | PVC W Whnd for fiffusiu) (GM) | zs.brV-20 | 1 | \$283.00 | 58\% | \$118.86 |
| zs.bev-30 | Belimo |  | zs.brv-30 | 1 | \$283.00 | 58\% | \$118.86 |
| zs.bev. 60 | Belimo | FBEL W Whd tor F6 HS ( ) (GMx2, 4"6) | zs.brv-60 | 1 | \$502.00 | 58\% | \$210.84 |
| zs.bev-70 | Belimo | FBGL W Whd tof F6 HS(U) (AFxe, 25:30.3) | zs.brv-70 | 1 | \$502.00 | 58\% | \$210.84 |
| zs.brv-80 | Belimo | FBGL WShhd to F6 HS(U) (AFFx, 4.5.5) | zs.brv-80 | 1 | \$502.00 | 58\% | \$210.84 |
| zs-brv-90 | Belimo | FBGL W Whid tof F7 HS() below 44 A/GM (specity vave size) | zs-brv-90 | 1 | \$502.00 | 58\% | \$210.84 |
| B207+LF120 US | Belimo |  | B207+LFF120 US | 1 | \$441.00 | 58\% | \$185.22 |
| ${ }^{\text {B207 }}$ +LFI20.SUS | Belimo |  | B207+LFIT20.S US | 1 | \$498.00 | 58\% | \$209.16 |
| ${ }^{\text {B207 }}$ +L24 US | Belimo | 2 2.way CCV, SS Trim, 122", Cvo.3 with Sping, 35in-lb, Onolt, 24 V | ${ }^{\text {B207 }}$ L- 224 US | 1 | \$408.00 | 58\% | \$171.36 |
| B207+LF24.3 US | Beimo | 2.way CCV, SS Tim, 1 12: C C 0.3 with Soring, 35in-b, Floaing, 24V | B207 +L-24.3 US | 1 | \$511.00 | 58\% | \$214.62 |
| B2074L-24MFT US | Belimo | 2 2-way CCV, SS Tim, 12 "; Cvo. 3 with Spring, 35in-lb, MET, 24 V | B207+LF24MFT U | 1 | \$610.00 | 58\% | \$256.20 |
|  | Belimo |  | B2074 L-24.MFT-S US | 1 | \$667.00 | 58\% | \$280.14 |
| B2074+F24.S US | Belimo |  | B207+LF24.S US | 1 | \$467.00 | 58\% | \$196.14 |
| B207+LF24-SR US | Belimo |  | B207 + LF24-SR US | 1 | \$528.00 | 58\% | \$221.76 |
| B2077 L-24.SR.S US | Belimo |  | B207+LF24.SR-S Us | 1 | \$587.00 | 58\% | \$246.54 |
| B207+LRB120.3 | Beimo |  | B207+ $\mathrm{LRB120.3}$ | 1 | \$291.00 | 58\% | \$122.22 |
| B207+LRB120.SR | Belimo |  | B207+LRB120.SR | 1 | \$397.00 | 58\% | \$166.74 |
| 8207+LRB24.3 | Belimo |  | ${ }^{\text {8207 }+ \text { LR824.3 }}$ | 1 | \$260.00 | 58\% | \$109.20 |
| B207+LR8243-S | Belimo |  | B207+LB824-3. ${ }^{\text {S }}$ | 1 | \$314.00 | 58\% | \$131.88 |
| B207+LR824.3.T | Belimo |  | B207+LB824.3.T | 1 | \$248.00 | 58\% | \$104.16 |
| B207+LB824MFT | Belimo |  | B207+LR824MfT | 1 | \$475.00 | 58\% | \$199.50 |
| 8207+LR824-SR | Beimo |  | 8207+LRB24.SR | 1 | \$363.00 | 58\% | \$152.46 |
| B207+LB824-SR-T | Belimo |  | B207+LB824-SR-T | 1 | \$350.00 | 58\% | \$147.00 |
| B207+LLCB243 | Belimo | 2.way CCV, SS Tim, ,12", Cv 0. 3 with Non-Sping Reuun,45 in-lb, Onottrfloaing,24V | B207+LLCB243 | 1 | \$287.00 | 58\% | \$120.54 |
| B207+LRa824.1 | Belimo |  | B207+LROB24.1 | 1 | \$587.00 | 58\% | \$246.54 |

The scope of this contract includes the following
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Hcroprocessor-Controled
. Inegrated Microprocessor-Controlled HVAC Eupment such as Chillers, Rooftop Units, Boilers, Air Handers, fan coil, unit ventilator, heat pump, remote I/O modules, etc, which are Factory-Mouted HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and , commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
Integrated BAS/EMS/IItegrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pane (FAP), and/or other similar device, which utilize certain proochs (e.g. BACNe, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he

Factory Installed/Factory-Provided micro-processor--controlled included/controte I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. Generat Puros

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communcate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Number |  | Protuct Descriplion | obuct Cose | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54 " | List Price | \% Disount | Ns Nat Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B207 +R8824MFT | Belmo | 2.way CCV, SS Tim, 1/2", Cv 0.3 with Non.Sping Reutr,35 in-lb, MFT, 24V | B207-LROB24MFT | 1 | \$629.00 | 58\% | \$264.18 |
| B207+LRax24-1 | Belimo |  | B207+LRax24-1 | 1 | \$587.00 | 58\% | \$24.54 |
| B207+LRax24MFT | Beimo |  | B207+LRax24-MFT | 1 | \$629.00 | 58\% | \$264.18 |
| B207+LRX120.3 | Beimo |  | B207+LEx 120.3 | 1 | \$291.00 | 58\% | \$122.22 |
| ${ }^{\text {B207 }}$ +LPx120.SR | Beimo |  | B207+LRx120.SR | 1 | \$397.00 | 58\% | \$166.74 |
| B207t-Rx24-3 | Baimo |  | B207+LRX24-3 | 1 | \$260.00 | 58\% | \$109.20 |
| B207+LRX243-s | Beimo |  | B207+LRX24.3.S | 1 | \$314.00 | 58\% | \$131.88 |
| B207+LR×24.3.T | Beimo |  | B207+LRX24.4.T | 1 | \$248.00 | 58\% | \$104.16 |
| B207 $^{\text {LRX244MFT }}$ | Beimo |  |  | 1 | \$475.00 | 58\% | \$199.50 |
| B207+LKX24.MFT95 | Beimo |  | B207+LRX24-MF995 | 1 | \$574.00 | 58\% | \$241.08 |
| B207+LRX24.PC | Beimo |  | B207+LRX24.PC | 1 | \$574.00 | 58\% | \$241.08 |
| B207+LRX24.SR | Beimo |  | B207+LRX24.SR | + | \$363.00 | 58\% | \$152.46 |
| B207+LRX24-SR-T | Belimo |  | B207LLK24.SR.T | 1 | \$350.00 | 58\% | \$147.00 |
| B2277-NBB24-3. Na | Beimo |  | B207+NB8243.TN4 | 1 | \$545.00 | 58\% | \$228.90 |
| B207+NB8243.TNAH | Beimo |  | B207 +NB824.3.TN4H | 1 | \$903.00 | 58\% | \$379.26 |
| B2077NB824.SR-TN4 | Beimo |  | B207+NB824-SR-TN4 | 1 | \$646.00 | 58\% | \$271.32 |
| B207+NB824-SR-TN4H | Beimo |  | B2077NB824SR-TN4H | 1 | \$1,004.00 | 58\% | \$421.68 |
| B2077NX224MFT-TN4 | Belimo | 2.way CCV, SS Tim, 12\%, Cv 0.3 with Non-Sping Reumm,70 in-lb, MFT, 24V | B2077NXX24.MFT-TN4 | 1 | \$760.00 | 58\% | \$319.20 |
| B207-NRX24-MFT-T N4H | Belimo | 2.way CCV, SS Tim, 1/2", Cv 0.3 with Non.Sping Reumm,70 in-lb, MFT, 24V | B207-NBX24-MFT-TN4H | 1 | \$1,118.00 | 58\% | \$469.56 |
| B2077TFRB120 | Belimo |  | B207t-FRB120 | 1 | \$395.00 | 58\% | \$165.90 |
| B207+TRRB120.S | Beimo |  | B207+TRRB120.S | 1 | \$451.00 | 58\% | \$189.42 |
| B207+TFRB24 | Beimo |  | B2077 FR FR 24 | 1 | \$350.00 | 58\% | \$147.00 |
| B2074TFR8243 | Belimo |  | B2074TFR824.3 | 1 | \$399.00 | 58\% | \$167.58 |
| ${ }^{\text {8207 }+ \text { fr }}$ B224.3. S | Beimo |  |  | 1 | \$456.00 | 58\% | \$191.52 |
| B207+TFR824-S | Belimo |  | B2074TFR824-S | 1 | \$406.00 | 58\% | \$170.52 |
| ${ }^{\text {B207 }}$ +TR8224-SR | Belimo |  | B207+TFRB24-SR | 1 | \$428.00 | 58\% | \$179.76 |
| B207trerb24SR.S | Belimo |  | B207 TFRB24-SR.S | 1 | \$488.00 | 58\% | \$204.96 |
| B2077TFRX120 | Beimo |  | B207trexx 20 | 1 | \$395.00 | 58\% | \$165.90 |
| B207+TFRX120.S | Beimo |  | B207+TFRX120.S | 1 | \$451.00 | 58\% | \$189.42 |
| B207-TFRX24 | Belimo |  | B207-TFRX24 | 1 | \$350.00 | 58\% | \$147.00 |
| B2074TFPX24.3 | Beimo |  | B2074TFRX24.3 | 1 | \$399.00 | 58\% | \$167.58 |
| B207+TRK24.4.S | Beimo |  | ${ }^{\text {B207+TFRX24.3.S }}$ | 1 | \$456.00 | 58\% | \$191.52 |
|  | Belimo |  |  | 1 | \$504.00 | 58\% | \$211.68 |
| B207+7FRX24.S | Beimo |  | B2074TFRX24S | 1 | \$406.00 | 58\% | \$170.52 |
| B207+TFR24.SR | Beimo |  | B207+TFR24.SR | 1 | \$428.00 | 58\% | \$179.76 |
| B2074TFRX24SR.S | Beimo | 2.way CCV, SS Tim, 12:", Cvo.3 with Sping Reum,22 in-Ib, 2.10 voc, 24V | B207+TFRX24.SR-S | 1 | \$488.00 | 58\% | \$204.96 |
| ${ }^{\text {B207+TR24-3 US }}$ | Belimo |  | B207+TR24-3 US | 1 | \$228.00 | 58\% | \$95.76 |
| B207+TR24-3300 US | Belimo |  | B207+TR24.31300 US | 1 | \$246.00 | 58\% | \$103.32 |
| B207+TR24.3500 Us | Belimo |  | B207+TR24.3500 Us | 1 | \$266.00 | 58\% | \$111.72 |
| ${ }^{\text {B207 }}$ TR24.3.TUS | Belimo |  | B207-TF24.3.7 US | 1 | \$210.00 | 58\% | \$88.20 |
| B207+TF24.4R US | Belimo |  | B207+TR24.SR US | 1 | \$334.00 | 58\% | \$140.28 |
| B207+TR24.S83300 US | Beimo |  | B207+TR24-SR3300 US | 1 | \$350.00 | 58\% | \$147.00 |
| B207+TR24.SR/500 US | Beimo |  |  | 1 | \$373.00 | 58\% | \$156.66 |
| B207+TR24-SR-TUS | Belimo |  | B207+TR24-SR-TUS | 1 | \$320.00 | 58\% | \$134.40 |
| ${ }^{\text {B207B+LF120 US }}$ | Beimo | 2.way CCV, Brass Tim, 172", Cv 0.3 will Spring, 35in-lb, Onolf, 120V | ${ }^{\text {B207B+LF } 120 ~ U S ~}$ | 1 | \$420.00 | 58\% | \$176.40 |
| B2078+LFI20.S US | Belimo | 2 -way CCV, Brass Tim, 112", Cv 0. 3 with Spping, 35inlv, Onotit, 120V, SW | B2078+LFI20.S US | 1 | \$479.00 | 58\% | \$201.18 |
| B2078+LF24US | Belimo | 2 -way CCVV, Brass Tim, ,12", Cv 0.3 with Sping, 35inl-b, Onolt, 24 V | B2078+LF22 US | 1 | \$389.00 | 58\% | \$163.38 |
| B207B+LF24.3 U | Belimo | 2.way CCV, Brass Tim, 12\%", Cv 0.3 with Sping, 35in-b, Foating, 24V | B2078+LF24.3 US | 1 | \$494.00 | 58\% | \$207.48 |
| ${ }^{\text {82078+LF24-S US }}$ | Belimo |  | ${ }^{\text {B2078+LF24.S US }}$ | 1 | \$445.00 | 58\% | \$186.90 |
| B2078+LF24.SR US | Beimo |  | B2078+L-24-SR US | 1 | \$509.00 | 58\% | \$213.78 |
| B2078+LF24-SR.S US | Belimo | 2.way CCV, Brass Timm, 172", Cvo.3 with Spring, 35inilb, 2-10V, 24V, Sw | B2078 + LF24-SR.S US | 1 | \$568.00 | 58\% | \$238.56 |
| 82078+LRB120.3 | Beimo |  | B2078+LRB120.3 | 1 | \$275.00 | 58\% | \$115.50 |
| 82078+LRB120.SR | Belimo |  | B2078 + LRB120.SR | 1 | \$395.00 | 58\% | \$165.90 |
| B2078 + LR824 ${ }^{\text {a }}$ | Beimo |  | B2078 + LR824.3 | 1 | \$242.00 | 58\% | \$101.64 |
| ${ }^{\text {82078 }+ \text { LRB24.3.S }}$ | Beimo |  | ${ }^{\text {82078 }+ \text { LRB24.3.S }}$ | 1 | \$295.00 | 58\% | \$123.90 |
| 82078+LB824.3.T | Belimo |  | 82078+LB824.3.T | 1 | \$228.00 | 58\% | \$95.76 |
| B2078+LR824.5R | Beimo | 2.way CcV, Brass Tim, 172, Covo.3 with Non-Spring Reum, 45 in-lb, 2-10 Voc, 24V | 82078+LR824-SR | 1 | \$361.00 | 58\% | \$151.62 |
| B2078+LRB24-SR-T | Beimo | 2.way CcV, Brass Tim, 1/2, Cvo. 3 with No.-Sping Reeum,45 in-lb, 2-10 voc, 24V | B207B+LRB24SR-T | 1 | \$348.00 | 58\% | \$146.16 |
| B2078+TFRB120 | Beimo |  | B2078 + TFRB 20 | 1 | \$382.00 | 58\% | \$160.44 |
| B2078 + TRRB120.S | Belimo |  | ${ }^{\text {B2078 }+ \text { TFRER120.S }}$ | 1 | \$437.00 | 58\% | \$183.54 |
| B2078+TFR824 | Belimo |  | B2078+TFR824 | 1 | \$338.00 | 58\% | \$141.96 |
| B207B+TFR824-3 | Belimo |  | B207B + TFRB24 ${ }^{\text {a }}$ | 1 | \$386.00 | 58\% | \$162.12 |
| B2078+TFRB24.3.S | Belimo |  | B2078+TFRB24.3.S | 1 | \$441.00 | 58\% | \$185.22 |
| B2078+TFR824-S | Belimo |  | B2078+TFR824-S | 1 | \$393.00 | 58\% | \$165.06 |
| B207B+TFRB24-SR | Beimo |  | B207B+TFRB24-SR | 1 | \$414.00 | 58\% | \$173.88 |
| B2078 + TFRB24-SRRS | Belimo |  | B2078+TFRB24-SR-S | 1 | \$473.00 | 58\% | \$198.66 |
| ${ }^{\text {B2078+TR24.3 US }}$ | Belimo |  | ${ }^{\text {B2078 }+ \text { Tr24.3 US }}$ | 1 | \$192.00 | 58\% | \$80.64 |
| B2078+TR24-3300 US | Belimo | 2 -way CCV, Brass Tim, 12 ", Cv 0.3 with Non-Sping Reumm,18 in.lb, Onotit,24V | B2078+TR24-3300 US | 1 | \$208.00 | 58\% | \$87.36 |
| B2078+TR24.3500 US | Belimo |  | B2078+TR24.3500 Us | 1 | \$234.00 | 58\% | \$98.28 |
| B2078+TR24.3.TU | Belimo |  | B2078+TR24.3.TU U | 1 | \$180.00 | 58\% | \$75.60 |
| B2078+TR24.SR US | Belimo | 2.way CcV, Brass Tim, 12", Cvo. 3 with No.Spring Reum, 18 in-lb, 2-10 voc, 24V | B2078+TR24-SR U | 1 | \$282.00 | 58\% | \$118.44 |
| B2078+TR24-SR330 US | Beimo | 2.way CcV, Brass Tim, 12", Cvo. 3 with No.-Sping Reeum, 18 in-lb, 2-10 voc, 24V | ${ }^{\text {B207B+TR24-SR330 US }}$ | 1 | \$300.00 | 58\% | \$126.00 |
| ${ }^{\text {B2078+TR24-SR5500 US }}$ | Belimo |  | ${ }^{\text {B2078+TR24-SRR500 US }}$ | 1 | \$324.00 | 58\% | \$136.08 |
| B207B+TR24SR.TUS | Beimo |  | B2078+TR24-SR-T U | 1 | \$270.00 | 58\% | \$113.40 |
| B2084LFi20 US | Beimo |  | B208+LFT120 US | 1 | \$441.00 | 58\% | \$185.22 |
| ${ }^{\text {B20 }}$ +LFI20.S US | Belimo | 2 -way CCV, SS Tim, ,12", CVv.46 with Sping, 35in-b, Onloti, 120V, SW | ${ }^{\text {B20 }}$ +LFI20.S US | 1 | \$498.00 | 58\% | \$209.16 |
| B208+LF24 US | Belimo | 2.way CcV, SS Tim, 12\%, Cvo.46 with Spring, 35in-b, OnJoft, 24V | ${ }_{\text {B208 }+ \text { LF2 U }}$ | 1 | \$408.00 | 58\% | \$171.36 |
| B208+LF24.3 US | Beimo |  | B208+L-24.3 US | 1 | \$511.00 | 58\% | \$214.62 |
| B208+L-L24M-T US | Baimo | 2.way CCV, SS Tim, 12\%; Cro.46 wit Spring, 35inilb, MFT, 24V | B208+LE24-MFT US | 1 | \$610.00 | 58\% | \$256.20 |
| ${ }^{\text {B2084LLF24MF-S S }}$ | Beimo | 2.way CCV, SS Tim, 12\%; Cvo.46 with Sping, 35init, MFT, 24V, SW | B2084LF24MET.S S | 1 | \$667.00 | 58\% | \$280.14 |
| B208+LF24.S US | Beimo |  | ${ }^{\text {B2084-L24.S US }}$ | 1 | \$467.00 | 58\% | \$196.14 |
| ${ }^{\text {22084LF24-SR US }}$ | Beimo | 2 2.way CcV, SS Tim, 12\%; Cvo.46 with Sping, 35in-lb, 2-10, 24V | ${ }^{\text {B20 }}+$ L-F24.SR US | 1 | \$528.00 | 58\% | \$221.76 |
| B208+LF24-SR-S US | Beimo |  | B208+LE24-SR.SU | 1 | \$587.00 | 58\% | \$246.54 |
| ${ }^{8208+L R B 120.3}$ | Beimo |  | ${ }^{8208+L R B 120.3 ~}$ | 1 | \$291.00 | 58\% | \$122.22 |
| B208+LRB120.SR | Beimo |  | B208+LRB120.SR | 1 | \$397.00 | 58\% | \$166.74 |
| B208+ +1 R224.3 | Beimo |  | 8208+LRB24.3 | 1 | \$260.00 | 58\% | \$109.20 |
| 8208+LR8243-5 | Baimo |  | B208+LR824.3.5 | 1 | \$314.00 | 58\% | \$131.88 |
| B208 + LR824.3.T | Beimo |  | B2084 $\mathrm{LRB24} 3 . \mathrm{T}$ | 1 | \$248.00 | 58\% | \$104.16 |
| B208+LB824MFT | Belimo |  | B208+LR824MFT | 1 | \$475.00 | 58\% | \$199.50 |
| B208+LR824SR | Belimo |  | B208+LRB24.SR | 1 | \$363.00 | 58\% | \$152.46 |
| ${ }^{\text {B208 }}$ LLR824-SR.T | Beimo |  | ${ }^{\text {B208 }}$ LRB244.SR.T | , | \$350.00 | 58\% | \$147.00 |
| B208+LRCB243 | Baimo |  | B2084LRC824.3 | 1 | \$287.00 | 58\% | \$120.54 |
| B208+LRa824.1 | Beimo |  | B208+LRO824-1 | 1 | \$587.00 | 58\% | \$246.54 |
| ${ }^{\text {B208+LRab24MFT }}$ | Beimo |  | B208+LROB24-MFT | 1 | \$629.00 | 58\% | \$264.18 |
| B208+LRax24-1 | Beimo |  | B208+LROX24.1 | 1 | \$587.00 | 58\% | \$24.54 |
| ${ }^{\text {B208 }+ \text { LRax } 24.4 \mathrm{MT}}$ | ${ }^{\text {Baimo }}$ |  | B208+LRax24-MTT | 1 | \$629.00 | 58\% | \$264.18 |
| B208+LLEX120.3 |  |  | B208+LRX120.3 |  | \$291.00 | 58\% | \$122.22 |

The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated icroprocessor-Controiled HVAC Equipment in a building or faciinty. Building Management Systems and

 commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
Integrated BAS/EMS/IItegrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pane (FIAP), and/or other similar device, which utiiize certain protocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, howers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
. Factory Installed/Factory-Provided micro-processor--controlled included/controte $/ O$ modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not imited to
A. General Purpose 1 , Telecommicaions, Networking Cabing, hber optics (e.g. phone, pox, digial centrex, digital key systems, television, cable, , -Line, general broadband,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to low enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| dol Number |  | ootuct Dosariplition | nat Code | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54" | List Price | \% |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B208+LRX120.SR | Beimo |  | ${ }^{\text {B208 }+ \text { LRX120.SR }}$ | , | \$397.00 | 58\% | \$166.74 |
| B208+LRX24.3 | Beimo |  | 8208+LRX24.3 | 1 | \$260.00 | 58\% | \$109.20 |
| B208+LR24.3.3. | Beimo |  | B208+L-424.3.3 | 1 | \$314.00 | 58\% | \$131.88 |
| B208+LRX24.3.T | Beimo |  | B208+LR×24.4.T | 1 | \$248.00 | 58\% | \$104.16 |
| B208+LRX24MFT | Beimo |  | B208+LR×24MFT | 1 | \$475.00 | 58\% | \$199.50 |
| 8208+LKX24.MTT95 | Beimo |  | B208+LRX24-MFT95 | , | \$574.00 | 58\% | \$241.08 |
| B208+LRX24.PC | Beimo |  | ${ }^{\text {B208 }}$ +LRX24.PC | 1 | \$574.00 | 58\% | \$241.08 |
| B208+LRX24.SR | Beimo |  | B208+LRX24SR | 1 | \$363.00 | 58\% | \$152.46 |
| B208+LRX24-SR-T | Beimo |  | B2288LLR24.SR-T | 1 | \$350.00 | 58\% | \$147.00 |
| B208+NBB24.3. NA | Beimo |  | B208+NB824.3.TN4 | 1 | \$545.00 | 58\% | \$228.90 |
| B208+NB8243-T N4H | Beimo |  | B208+NRB24.4.TN4H | 1 | \$903.00 | 58\% | \$379.26 |
| B208+NRE24-SR.TN4 | Beimo |  | B208+NRB24-SR-TN4 | 1 | \$646.00 | 58\% | \$271.32 |
| ${ }^{\text {B208+NE824-SR-T } \mathrm{T} \text { NH }}$ | Beimo |  | 8208+NB824-SR-T N4H | 1 | \$1,004.00 | 58\% | \$421.68 |
| B2288+NX24-M/T-TN4 | Beimo |  | B208+NRX24MFT-TN4 | 1 | \$760.00 | 58\% | \$319.20 |
| B208-NRX24-MFT-TNAH | Belino |  | B208-NRX24-MFT-T N4H | 1 | \$1,118.00 | 58\% | \$469.56 |
| B208+TFRB120 | Beimo |  | B208+TFRB120 | 1 | \$395.00 | 58\% | \$165.90 |
| в208+TRRB120.S | Beimo |  | B208+TRRB120.S | 1 | \$451.00 | 58\% | \$189.42 |
| ${ }_{\text {B208+TFRB24 }}$ | Beimo |  | ${ }^{\text {B208 }}$ TFRB824 | 1 | \$350.00 | 58\% | \$147.00 |
| B208+TFRB24.3 | Beimo |  | B208+TFRB24.3 | 1 | \$399.00 | 58\% | \$167.58 |
|  | Beimo |  | B208+TFRB24.3.S | 1 | \$456.00 | 58\% | \$191.52 |
| B2084+FR824.S | Beimo |  | B208+TFR824-S | 1 | \$406.00 | 58\% | \$170.52 |
| ${ }^{\text {8208 }}$ +TFR224.SR | Beimo | 2-way CCV, SS Tim, 12\%", Cvo.46 with Spring Reum, 22 in-b, ,2-10 V VC, $24 \mathrm{4V}$ | ${ }^{\text {B208+TRR824-SR }}$ | 1 | \$428.00 | 58\% | \$179.76 |
| B208+TFRB24SR.S | Belino |  | B208-TFRB24-SR.S | 1 | \$488.00 | 58\% | \$204.96 |
| B208+TFRX120 | Beimo |  | B208+TFRX120 | 1 | \$395.00 | 58\% | \$165.90 |
| ${ }^{\text {B208+TFRX120.S }}$ | Beimo |  | ${ }^{\text {8208 }+ \text { TFPX } 120 . S}$ | 1 | \$451.00 | 58\% | \$189.42 |
| ${ }^{\text {B208 }}$ +TFAX24 | Beimo |  | ${ }^{\text {B208 }}$ TFRX24 24 | 1 | \$350.00 | 58\% | \$147.00 |
| B208+TFAX24.3 | Beimo |  | B2084+FFX24.3 | 1 | \$399.00 | 58\% | \$167.58 |
| ${ }^{\text {2208 }}$ +TFX243-S ${ }^{\text {a }}$ | Beimo |  |  | 1 | \$456.00 | 58\% | \$191.52 |
| ${ }_{\text {B208 }}$ TFRX24MFT | Belino |  | B208 + TFRX24-MFT | 1 | \$504.00 | 58\% | \$211.68 |
| B208+TFRX24.S | Beimo |  | B208+TFRX24-S | 1 | \$406.00 | 58\% | \$170.52 |
| ${ }^{\text {B208+FFR24.SR }}$ | Beimo |  | B208+TFR24-SR | 1 | \$428.00 | 58\% | \$179.76 |
| B208+TFRX24.SR-S | Beimo |  | B2084 + TFR24-SR.S | 1 | \$488.00 | 58\% | \$204.96 |
| ${ }^{\text {B208+TR24-3 US }}$ | Beimo |  | B208+TR24-3 US | 1 | \$228.00 | 58\% | \$95.76 |
| B208+TR24-3300 US | Beimo |  | B208+TR24-3/300 US | 1 | \$246.00 | 58\% | \$103.32 |
| B208+TR24-3500 Us | Beimo |  | B208+TR24.3500 US | 1 | \$266.00 | 58\% | \$111.72 |
| B208+TR24.3.T US | Belino |  | ${ }^{\text {B208 }}$ +F24.3.7 US | 1 | \$210.00 | 58\% | \$88.20 |
| B208+TF24.4R US | Beimo |  | B208 + TR24.SR US | 1 | \$334.00 | 58\% | \$140.28 |
| B208+TR24SR3300 US | Beimo |  | B208+TR24.SR3300 US | 1 | \$350.00 | 58\% | \$147.00 |
| ${ }_{\text {B208+TR24 } 4 \text { SR } 500}$ Us | Beimo |  | ${ }^{\text {B208 }+ \text { TR24.SR2500 Us }}$ | 1 | \$373.00 | 58\% | \$156.66 |
| B208+TR24-SR.TU | Beimo |  | B208+TR24-SR.TU | 1 | \$320.00 | 58\% | \$134.40 |
| ${ }^{\text {B208B }+ \text { L120 US }}$ | Beimo | 2.way CCV, Brass TTim, 112", CVV .46 with Sping, 35in.b, Onnoff, 120V | ${ }^{\text {B208B }+ \text { L122 US }}$ | 1 | \$420.00 | 58\% | \$176.40 |
| B2088+LFI20.S US | Beimo | 2.way CCV, Brass T Tim, 112", Cvo .46 with Sping, 35imblb, Onnoti, 120V, SW | ${ }^{\text {B2088 }}$ LFIT20.S US | , | \$479.00 | 58\% | \$201.18 |
| B2088 + L24 US | Beimo | 2.way CCV, Brass Tim, 1/2", Cv 0.46 with Sping, 35in-l, Onoti, 24V | B2088 LF 224 US | 1 | \$389.00 | 58\% | \$163.38 |
| ${ }^{\text {82088 }}$ +L24.3 US | Belino | 2-way CcV, Brass Tim, 112", cro.46 with Sping, 35in-b, Floaing, 24V | B2088+LF24.3 US | , | \$494.00 | 58\% | \$207.48 |
| ${ }^{\text {B2088 }+ \text { LF24-S US }}$ | Beimo | 2.way CCV, Brass Tim, 127", Cv 0.46 with Spring, 35in-lb, Onofit, 24V, Sw | ${ }^{\text {B2088+LF24.S US }}$ | 1 | \$445.00 | 58\% | \$186.90 |
| ${ }_{\text {B2088 }+ \text { LF24.SR US }}$ | Beimo |  | ${ }^{\text {22088 }+ \text { L-24.SR US }}$ | 1 | \$509.00 | 58\% | \$213.78 |
| B208BLLF24-SR.S US | Beimo | 2 -way CCV, Brass Tim, 112", Cv 0.46 with Sping, 35inlbl, 2.10V, 24 V , Sw | B208B + LF24-SRRS US | 1 | \$568.00 | 58\% | \$238.56 |
| B2088+LRB120.3 | Beimo |  | B2088+LRB120.3 | 1 | \$275.00 | 58\% | \$115.50 |
| ${ }^{\text {B2088 }+ \text { LRB120-SR }}$ | Beimo |  | ${ }^{\text {B2088 }+ \text { LRB120.SR }}$ | 1 | \$395.00 | 58\% | \$165.90 |
| B2088 + LR824.3 | Beimo |  | B2088 + LR824.3 | 1 | \$242.00 | 58\% | \$101.64 |
| ${ }^{\text {2208 }}+\underline{\text { LRB24.3.S }}$ | Beimo |  | ${ }^{\text {B208 }}+$ LLB824.3. 5 | 1 | \$295.00 | 58\% | \$123.90 |
| в2208+LLB824.-T | Beimo |  |  | 1 | \$228.00 | 58\% | \$95.76 |
| B2088+LRB24.SR | Beimo |  | ${ }^{\text {2208B }}$ LR824. 5 S | 1 | \$361.00 | 58\% | \$151.62 |
| B2088 + LR824-SR-T | Beimo |  | 82088+LR824SR-T | 1 | \$348.00 | 58\% | \$146.16 |
| B2088 + TFRB120 | Beimo |  | B2088 + TFRB120 | 1 | \$382.00 | 58\% | \$160.44 |
| B2088+TFRB120.S | Beimo |  | B2088+TFRB120.S | 1 | \$437.00 | 58\% | \$188.54 |
| в2088 + TFB824 | Beimo |  | в2088 + TFRB24 | 1 | \$338.00 | 58\% | \$141.96 |
| ${ }^{\text {B208 }+ \text { +FRR824-3 }}$ | Beimo | 2 -way CCV, Brass Tim, 112", Cv 0.46 with Spring Retur, 22 in-l., Onnotiffoaing, 24 V | ${ }^{\text {B2088+TFRB24,3 }}$ | 1 | \$386.00 | 58\% | \$162.12 |
| B2088 + TFRB24 ${ }^{\text {a }}$ S | Beimo |  | ${ }^{\text {B2088 }+ \text { TFRB24 }}$. S | 1 | \$441.00 | 58\% | \$185.22 |
| B208B+TFR824-S | Beimo |  | B2088+TFR824-S | 1 | \$393.00 | 58\% | \$165.06 |
| ${ }_{\text {B2088 }+ \text { TFRB24-SR }}$ | Beimo |  | ${ }^{\text {B2088 }+ \text { FFRB24-SR }}$ | 1 | \$414.00 | 58\% | \$173.88 |
| B2088 + TFRB24-SR-S | Beimo | 2 -way CCV, Brass Tim, 112", Cv 0.46 with Sping Reumm,22 in-b, 2-10 Voc, 24 V | B2088 + TFRB24-SR-S | 1 | \$473.00 | 58\% | \$198.66 |
| ${ }^{\text {B2083+TR24.3 US }}$ | Beimo |  | ${ }^{\text {B2088+TR243 US }}$ | 1 | \$192.00 | 58\% | \$80.64 |
| B2088+TR24-3300 US | Beimo |  | B2088+TR2433300 US | 1 | \$208.00 | 58\% | \$87.36 |
| ${ }^{\text {B2088 }+ \text { TR24.3500 Us }}$ | Beimo |  | B2088+TR24.3500 US | 1 | \$234.00 | 58\% | \$98.28 |
| ${ }^{\text {82008 }+ \text { Tr24.3.TU }}$ | Beimo |  | ${ }^{\text {B2088 }}$ +TR24.3.7 U | 1 | \$180.00 | 58\% | \$75.60 |
| B2088+TR24.SR U | Beimo |  | ${ }^{\text {B2088 }+ \text { TR24 } 4 \text { SR US }}$ | 1 | \$282.00 | 58\% | \$118.44 |
| ${ }^{\text {B2088 }+ \text { TR24-SR300 US }}$ | Beimo |  | ${ }^{\text {B2088 }+ \text { +R24-SR300 US }}$ | 1 | \$300.00 | 58\% | \$126.00 |
| ${ }^{\text {B2088 }+ \text { TR24-SR550 US }}$ | Beimo |  | ${ }^{\text {B2088 }+ \text { +R24-SR550 US }}$ | 1 | \$324.00 | 58\% | \$136.08 |
| ${ }^{\text {B2088 }+ \text { TR24-SR-TU }}$ | Beimo |  | B2088+TR24SR.TUS | 1 | \$270.00 | 58\% | \$113.40 |
| B2094LFi20 US | Beimo |  | B2094LFI20 US | 1 | \$441.00 | 58\% | \$185.22 |
| ${ }^{\text {B209 LLFI20.S U }}$ | Beimo |  | ${ }^{\text {B2099+LF120.S US }}$ | 1 | \$498.00 | 58\% | \$209.16 |
| ${ }^{\text {82094t-L2 }}$ US | Beimo |  | ${ }^{\text {B209 }}$ L- 24 US | 1 | \$408.00 | 58\% | \$171.36 |
| ${ }^{\text {B2094LF24.3 US }}$ | Beimo | 2.way CCV, SS Tim, ,12", Cv 0.8 " with Sping, 35inlb, Floaing, 24V | B2094LF24.3 US | 1 | \$511.00 | 58\% | \$214.62 |
| ${ }^{\text {B209+LF24.MFT US }}$ | Beimo |  | B209+LE24MFT US | 1 | \$610.00 | 58\% | \$256.20 |
| B2099LE24MFT.S US | Beimo |  | B2094LF24MFT.S US | 1 | \$667.00 | 58\% | \$280.14 |
| ${ }^{\text {B209+LF24.S US }}$ | Beimo |  | ${ }^{\text {B2094-L24-S US }}$ | 1 | \$467.00 | 58\% | \$196.14 |
| ${ }^{\text {B209 }}$ LF24-SR US | Beimo |  | ${ }^{\text {B2099LLF24-SR US }}$ | 1 | \$528.00 | 58\% | \$221.76 |
| B2094t-24.SRR.S U | Beimo |  | B2094LF24-SR-S US | 1 | \$587.00 | 58\% | \$246.54 |
| B2094LRB120.3 | Beimo |  | B209+LRB120.3 | 1 | \$291.00 | 58\% | \$122.22 |
| ${ }^{\text {B209 LLBB120.SR }}$ | Beimo |  | ${ }^{\text {8209 }}$ LLB120.SR | 1 | \$397.00 | 58\% | \$166.74 |
| 8209+LRB24.3 | Beimo |  | 8209+LRB24.3 | 1 | \$260.00 | 58\% | \$109.20 |
| 8209+LR824.3.s | Beimo |  | B209+LB824.3.S | 1 | \$314.00 | 58\% | \$131.88 |
| B209+LB824.3.T | Beimo |  | B209+LR824.3.T | 1 | \$248.00 | 58\% | \$104.16 |
| B209+LB824MFT | Beimo |  | B209+LB824MFT | 1 | \$475.00 | 58\% | \$199.50 |
| B2094-L824-SR | Beimo |  | B2094LR824.SR | 1 | \$363.00 | 58\% | \$152.46 |
| B209+LR824-SR-T | Beimo |  | B2299LRB24-SR-T | 1 | \$350.00 | 58\% | \$147.00 |
| B209+LRCB243 | Beimo |  | B209+LCB8243 | 1 | \$287.00 | 58\% | \$120.54 |
| ${ }^{\text {B2094+LRob24.1 }}$ | Beimo |  | ${ }^{\text {B2094trabz4.1 }}$ | 1 | \$587.00 | 58\% | \$246.54 |
| ${ }^{\text {B209 }}$ LRab24M-T | Beimo |  | ${ }_{\text {B209+LRob24-MFT }}$ | 1 | \$629.00 | 58\% | \$264.18 |
| B209+LRax24.1 | Beimo |  | B209+tRax 24.1 | 1 | \$587.00 | 58\% | \$246.54 |
| B209+LRax24-MFT | Beimo |  | B209+LRox24-MFT | 1 | \$629.00 | 58\% | \$264.18 |

The scope of this contract includes the following
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated icroprocessor-Controiled HVAC Equipment in a building or faciinty. Building Management Systems and Building Contro Systems are also subcategries of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Eqipment such as Chillers, Rooftop Units, Boilers, Air Handers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory - Mouded INC Equipment.
 commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
Integrated BAS/EMS/IItegrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pane (HAP), and/or other similar device, which utiiize certain protocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, Showers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he

Factory Installed/Factory-Provided micro-processor--controlled included/controle I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not imited
A. General Furpose 1 , Telecommunications, Networking Cabing,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Mode Number |  | Prosuct Descipiplon | code | Warranty Period - \# of year(s) after ceptance as required by Appendix B, |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Clause $54^{\prime \prime}$ | Lst Price | \% Discoumt | NVs Nal Price |
| ${ }^{\text {B209+LRX120.3 }}$ | Baimo |  | ${ }^{\text {B2094LRX120.3 }}$ |  | \$291.00 | 58\% | \$122.22 |
| ${ }^{\text {B2299+LX } 120 . S R}$ | Balimo |  | B209+LRX120.SR | 1 | \$397.00 | 58\% | \$166.74 |
| B209+tRX24.3 | Balimo |  | B209+LRX24.3 | 1 | \$260.00 | 58\% | \$109.20 |
| B209+LRX243.S | Baimo |  | B209+LRX24.3.S | 1 | \$314.00 | 58\% | \$131.88 |
| B209+LRX24.3.T | Balimo |  | B209+LRX24.7.T | 1 | \$248.00 | 58\% | \$104.16 |
| B2299LLRX24MET | Balimo |  | B209+LR24.MFT | 1 | \$475.00 | 58\% | \$199.50 |
| B209+LRX24M-T99 | Baimo |  | B209+LRX24-MF995 | 1 | \$574.00 | 58\% | \$241.08 |
| B2094LRX24.PC | Balimo |  | B2094-LX24.PC | 1 | \$574.00 | 58\% | \$241.08 |
| B209+LRX24.SR | Baimo |  | ${ }^{\text {B209+LRX24SR }}$ | 1 | \$363.00 | 58\% | \$152.46 |
| B2299LLX24-SR-T | Balimo |  | B2299LRX24.SR-T | 1 | \$350.00 | 58\% | \$147.00 |
| B209-NRB24-3. $\mathrm{N4}$ | Balimo |  | B209+NB8243.7N4 | 1 | \$545.00 | 58\% | \$228.90 |
| B2099.NB824.3.T N4H | Balimo | 2.way CCV, SS Tim, ,12", Cv 0.8 with Non-Sping Reuun,70 in.lb, Onottrfloaing,24V | B209+N8824.3.T N4H | 1 | \$903.00 | 58\% | \$379.26 |
| B209+NB824-SR-TN4 | Baimo |  | B2099NB824.SR.TN4 | 1 | \$646.00 | 58\% | \$271.32 |
| B209+NB824-SR-T N4H | Baimo | 2.way CCV, SS Tim, 12", Cv 0.8 with Non-Sping Reuun,70 in-lb, 2-10 VOC, 24V | B2299NE824-SR-T N4H | 1 | \$1,004.00 | 58\% | \$421.68 |
| B209+NRX24-MFT-TN4 | Baimo | 2.way CCV, SS Tim, 112 ", Cvo.8. with Non-Sping Reuum,70 in-lb, MFT, 24V | B2299+NR24-MT-T-TN4 | 1 | \$760.00 | 58\% | \$319.20 |
| B209-NRK24-MFT-TN4H | Baimo |  | B209+NRX24-MFT-T N4H | 1 | \$1,118.00 | 58\% | \$469.56 |
| B2094TFRB120 | Baimo |  | B209+TFRB120 | 1 | \$395.00 | 58\% | \$165.90 |
| B209-TRRB120.S | Baimo |  | B209-TRRB120.S | 1 | \$451.00 | 58\% | \$189.42 |
| ${ }^{\text {B209 }}$ TFRB24 | Baimo |  | ${ }^{\text {B209 }}$ TFRB824 | 1 | \$350.00 | 58\% | \$147.00 |
| B2094TFR824.3 | Balimo |  | B2094TFR824.3 | 1 | \$399.00 | 58\% | \$167.58 |
| B2299TFRB24-3.S | Belimo |  | B209TTRE824.3.S | 1 | \$456.00 | 58\% | \$191.52 |
|  | Baimo |  | B209+TFRB24S | 1 | \$406.00 | 58\% | \$170.52 |
| ${ }^{\text {B209 }}$ +FR8824-SR | Balimo |  | ${ }^{\text {8209 }}$ TFRR224-SR | , | \$428.00 | 58\% | \$179.76 |
| B209-TFRB24SR.S | Baimo |  | B2099TFR824.SR.S | 1 | \$486.00 | 58\% | \$204.12 |
| B209 7 TFRX 120 | Balimo |  | B209tTFRX120 | 1 | \$395.00 | 58\% | \$165.90 |
| ${ }^{\text {B209+TRAX120-S }}$ | Baimo |  | ${ }^{\text {B209+TFRX120.S }}$ | 1 | \$451.00 | 58\% | \$189.42 |
| B20997FRX24 | Balimo |  | B209 7 TFRX24 | 1 | \$350.00 | 58\% | \$147.00 |
| B209tTFRX243 | Balimo |  | B2094TFRX243 | 1 | \$399.00 | 58\% | \$167.58 |
| ${ }^{\text {B209+TFRX24.3.S }}$ | Beimo |  | ${ }^{\text {B209 }}$ +FRX 24.3 .5 | 1 | \$456.00 | 58\% | \$191.52 |
| ${ }^{\text {B209 }}$ TFFRX24MFT | Baimo | 2.way CCV, SS Trim, 112", Cvo. 8 w with Sping Reumm,22 in-lb, MFT, 24V | ${ }^{\text {B209 }}$ TTFRX24MFT | 1 | \$504.00 | 58\% | \$211.68 |
| ${ }^{\text {B2094 }}$ TFRX24-S | Baimo |  | ${ }^{\text {B2094TFRX24.S }}$ | 1 | \$406.00 | 58\% | \$170.52 |
| ${ }^{\text {B209 }}$ +TRR24-SR | Baimo | 2.way CCV, SS TTim, 12", Cvo.8 with Spring Reuum,22 in-Ib, 2.10 VDC, 24V | ${ }^{\text {B209 }}$ TTRK24-SR | 1 | \$428.00 | 58\% | \$179.76 |
| B209tTFR24-SR.S | Baimo |  | ${ }^{\text {B209 TTFRX24-SRRS }}$ | 1 | \$486.00 | 58\% | \$204.12 |
| ${ }^{\text {B2094TR24.3 US }}$ | Beimo |  | ${ }^{\text {B209 TR24.3 US }}$ | 1 | \$228.00 | 58\% | \$95.76 |
| $\mathrm{BrO9}^{\text {+TR24-3300 US }}$ | Baimo |  | B209+TR24.3300 US | 1 | \$246.00 | 58\% | \$103.32 |
| $\mathrm{Br209}^{\text {+TR24-3500 US }}$ | Baimo |  | B209+TR24.3500 US | 1 | \$266.00 | 58\% | \$111.72 |
| ${ }^{\text {B209 }}$ TR243.7. T | Baimo |  | ${ }^{\text {B209 TR243-T U }}$ | 1 | \$210.00 | 58\% | \$88.20 |
| ${ }^{\text {B209 }}$ TR24-SR US | Baimo |  | ${ }^{\text {B209 }}$ TR24-SR US | 1 | \$334.00 | 58\% | \$140.28 |
| B209+TR24-SR300 Us | Baimo |  | B209+TR24-SR300 US | 1 | \$350.00 | 58\% | \$147.00 |
| B209+TR24-SRR500 Us | Baimo | 2.way CCV, SS Trim, 112", Cvo.8" with Non-Spoing Reumm,18 in.\|b, 2.10 VDC, 24V | ${ }^{\text {B209+TR24-SRF500 US }}$ | 1 | \$373.00 | 58\% | \$156.66 |
| B209-TR24-SR-TU | Balimo |  | B209-TR24.SR.TU | 1 | \$320.00 | 58\% | \$134.40 |
| B2098 + LF 120 US | Baimo | 2.way CCV, Brass Tim, 112", Cv 0.8 with Sping, 35in-l', Onoilt, 120V | B2098+LF120 US | 1 | \$420.00 | 58\% | \$176.40 |
| ${ }^{\text {B2098 }}$ LFIT20.S US | Balimo | 2.way CCV, Brass Tim, 112", Cv 0.8 with Spring, 35in-l, Onolit, 120V, Sw | ${ }^{\text {B2098 }}$ LFIT20.S US | 1 | \$479.00 | 58\% | \$201.18 |
| B2098tLF24US | Balimo | 2 -way CCV, Brass Tim, 12 ", Cv 0.8 with Spoing, 35inllb, Onotit, 24 V | B2098 + L24 US | + | \$389.00 | 58\% | \$163.38 |
| ${ }^{\text {82098+LF24.3 US }}$ | Baimo | 2.way CCV, Brass Tim, 12", Cv 0.8 with Spring, 35in-lb, Floaing, 24V | ${ }^{\text {B2098+LF24.3 US }}$ | 1 | \$494.00 | 58\% | \$207.48 |
| ${ }^{\text {B2098+LF24-S }}$ US | Balimo |  | B2298+LF24-S US | 1 | \$445.00 | 58\% | \$186.90 |
| B2098+L-24-SR US | Beimo | 2-way Ccv, Erass Tim, 12", Cv 0.8 w with Sping, 35inlb, 2-10V, 24 V | B2098+L-24.SR US | 1 | \$509.00 | 58\% | \$213.78 |
| B2098+LF24-SR.S US | Balimo | 2.way CCV, Brass Timm, 172", Cvo.8 with Spring, 35inilb, 2-10V, 24V, Sw | B2098 + L24-SRRS US | 1 | \$568.00 | 58\% | \$238.56 |
| B2298+ + R8120.3 | Baimo |  | B209+ + LRB120-3 | 1 | \$275.00 | 58\% | \$115.50 |
| B2098+LRB120-SR | Balimo |  | ${ }^{\text {B2098 }}$ +LRB120-SR | 1 | \$395.00 | 58\% | \$165.90 |
| B2098 + LR824 ${ }^{\text {a }}$ | Baimo |  | B2098 + LR824 3 | 1 | \$242.00 | 58\% | \$101.64 |
| B2098+LR824.3.S | Beimo |  |  | 1 | \$295.00 | 58\% | \$123.90 |
| в2209 +LR824.3.T | Baimo |  | в2098+LRB24.3.T | 1 | \$228.00 | 58\% | 995.76 |
| B2098+LRB24-SR | Beimo |  | B2098+LB824.SR | 1 | \$361.00 | 58\% | \$151.62 |
| B2098+LR824-SR-T | Balimo |  | 82098+LLR824SR-T | 1 | \$348.00 | 58\% | \$146.16 |
| B2098 + TFRB120 | Baimo |  | в2098 + TRRB120 | I | \$382.00 | 58\% | \$160.44 |
| B2098+TFRB120.S | Baimo |  | 82098+TFRB120.S | 1 | \$437.00 | 58\% | \$183.54 |
| вго98 + TRRB24 | Baimo |  | ${ }^{\text {82098 }+ \text { тFR824 }}$ | 1 | \$338.00 | 58\% | \$141.96 |
| ${ }^{\text {2209 }}$ +TFRB24-3 | Baimo |  | ${ }^{\text {B2098+TFR824-3 }}$ | 1 | \$386.00 | 58\% | \$162.12 |
| 82098+TFRB24.3.S | Baimo |  |  | 1 | \$441.00 | 58\% | \$185.22 |
|  | Baimo | 2.way CCV, Brass Tim, 1/2", Cv 0.8 with Spring Reum, 22 in-w, Onotit, 24V | ${ }^{\text {B209 }}$ +TFRB824-S | 1 | \$393.00 | 58\% | \$165.06 |
| ${ }^{\text {B2098 }}$ +FFRB24-SR | Baimo | 2.way CCV, Brass Tim, 172, Cvo.8 with Sping Return,22 intob, 2-10 voc, 24V | B2098+TFRB24-SR | 1 | \$414.00 | 58\% | \$173.88 |
| B2098 + TFRB24-SR.S | Baimo |  | B2098 + TFRB24-SR-S | 1 | \$473.00 | 58\% | \$198.66 |
| $\mathrm{B}^{\text {2208+TR24.3 US }}$ | Baimo |  | B2098+TR243 US | 1 | \$192.00 | 58\% | \$80.64 |
| B2098 + TR24-3300 US | Baimo |  | B2098+TR243300 US | 1 | \$208.00 | 58\% | \$87.36 |
| B2098 + TR24.3500 Us | Balimo |  | B2098+TR243500 US | 1 | \$234.00 | 58\% | \$98.28 |
| в2098+TR24.-T U | Baimo |  | 82098 + Tr24.3.7 U | 1 | \$180.00 | 58\% | \$75.60 |
| B2098+TR24.SR US | Baimo | 2.way CCV, Brass Tim, 12", Cvo.8 with Non-Sping Reumm, 18 in-lb, 2-10 Voc, 24V | B2098+TR24SR US | 1 | \$282.00 | 58\% | \$118.44 |
| 82298+TR24.SR330 US | Balimo | 2.way CCV, Brass Tim, 12", Cvo.8 with on-Sping Reumm, 18 in-1b, 2-10 Voc, 24V |  | 1 | \$300.00 | 58\% | \$126.00 |
| B2098+TR24.SRE500 Us | Balimo |  | ${ }^{\text {B2098 }+ \text { TR24-SR550 US }}$ | 1 | \$373.00 | 58\% | \$156.66 |
| ${ }^{\text {B2098 }}$ TT24-SR.TUS | Baimo |  | ${ }^{\text {B2098+TR24-SR-TUS }}$ | 1 | \$270.00 | 58\% | \$113.40 |
| ${ }^{\text {B210 }}$ +LF120 US | Baimo |  | ${ }^{\text {B2104tL } 120 ~ U S ~}$ | 1 | \$443.00 | 58\% | \$186.06 |
| ${ }^{\text {B210+LFI20.S US }}$ | Baimo |  | ${ }^{\text {B210+LFI20.S US }}$ | 1 | \$500.00 | 58\% | \$210.00 |
| ${ }^{\text {B210+LF24 US }}$ | Baimo |  | ${ }^{\text {B20 }} 10+$ LF24 US | 1 | \$410.00 | 58\% | \$172.20 |
| B210+LF24.3 US | Baimo |  | B210+LF24.3 US | 1 | \$513.00 | 58\% | \$215.46 |
| B210+LF24MFT US | Balimo |  | B210+LE24MFT US | 1 | \$615.00 | 58\% | \$258.30 |
| B2104LF24MFT-S US | Balimo |  | B210+LL24MFT.SUS | 1 | \$672.00 | 58\% | \$28.24 |
| 8210+LF24.S US | Baimo |  | B210+LF24.S US | 1 | \$469.00 | 58\% | \$196.98 |
| B210+LF24.SRUS | Baimo |  | B210+LLF24.SR US | , | \$530.00 | 58\% | \$222.60 |
| B210+LF24-SR.S US | Baimo | 2.way CCV, SS Trim, 12\%", Cv 1.2 w with Sping, 35in-1b, 2-10V, 24V, Sw | B210+LF24-SR.S US | 1 | \$589.00 | 58\% | \$247.38 |
| B210+LRB120.3 | Baimo |  | B210+LRB 120.3 | 1 | \$293.00 | 58\% | \$123.06 |
| B210+LRB120.SR | Beimo |  | B210+LRB120.SR | 1 | \$399.00 | 58\% | \$167.58 |
| B210+LR824.3 | Baimo |  | B210+LR824.3 | 1 | \$262.00 | 58\% | \$110.04 |
| B210+LR8243-S | Baimo |  | 8210+LR824.3.5 | 1 | \$317.00 | 58\% | \$133.14 |
| B210+LR824.3.T | Baimo |  | 8210+LR824.3.T | 1 | \$250.00 | 58\% | \$105.00 |
| B210+LR824MFT | Baimo |  | B210+LB824MFT | 1 | \$479.00 | 58\% | \$201.18 |
| 8210+LR824-SR | Baimo | 2.way CCV, SS Tim, 112, Crv 12. with Non-Sping Reuun,45 in-1b, 2.10 VDC, 24V | B210+LRB24-SR | , | \$365.00 | 58\% | \$153.30 |
| B220+LRB24-SR-T | Balimo |  | B210+LR824-SR-T | , | \$353.00 | 58\% | \$148.26 |
| B210+LRCB243 | Balimo |  | B210+LLCB243 | 1 | \$289.00 | 58\% | \$121.38 |
| в210+LRab24-1 | Beimo |  | B210+LRa824.1 | 1 | \$591.00 | 58\% | \$248.22 |
| B210+LRob24-MFT | Belimo |  | B210+LRob24-MFT | 1 | \$633.00 | 58\% | \$265.86 |
| B210+LRax24-1 | Balimo |  | B210+LRax24.1 | 1 | \$591.00 | 58\% | \$248.22 |
| B210+LRax24MFT | Baimo |  | B210+LRRX24-MFT | I | \$633.00 | 58\% | \$265.86 |
| B210+LPX120.3 | Balimo |  | B210+LRX 120.3 | 1 | \$293.00 | 58\% | \$123.06 |
| B210+LRX120.SR | Baimo |  | ${ }^{\text {B210+LPX120.SR }}$ | 1 | \$399.00 | 58\% | \$167.58 |
| B210+LRX24.3 | Baimo |  | B210+LRx24.3 | 1 | \$262.00 | 58\% | \$110.04 |

The scope of this contract includes the following
Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Hicroprocessor-Controiled HAC Equipment in a building or faciility. Building Management Systems and Building Control Systems are also subcategries of Building Automation Systems.
. Integrated Microprocessor-Controlled HVAC Eqioment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc, which are Factory-Monted HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and , commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
Integrated BAS/EMS/IItegrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pane (MAP), and/or other similiar device, which utiize certain proiocis (e.g. BANet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he

Factory Installed/Factory-Provided micro-processor--controlled included/conternote /O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not imited
A. General Purpose IN, Telecommunicaions, Networking Cabing,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| del Number |  | Fonucl Oesanplion | Code | $\begin{gathered} \text { "Warranty Period - \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54 \text { " } \end{gathered}$ | List Picee | \% Discoumt | NVs Net Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B210+LRX24.3.S | Beimo |  | B210+LRX24.3.S | , | \$262.00 | 58\% | \$110.04 |
| B210+LRX24.3.T | Beimo |  | B210+LRX243.T | 1 | \$250.00 | 58\% | \$105.00 |
| B210tLR24.MFT | Balimo |  | B210+LRX24MFT | 1 | \$479.00 | 58\% | \$201.18 |
| B210+LRX24-MF995 | Beimo |  | B210+LRX24.MET95 | 1 | \$580.00 | 58\% | \$243.60 |
| B210+LRX24.PC | Beimo |  | B220+LRX24.PC | 1 | \$580.00 | 58\% | \$243.60 |
| B210+LRX24.SR | Beimo |  | B210+LRX24.SR | 1 | \$365.00 | 58\% | \$153.30 |
| ${ }^{\text {B210+LRX24-SR-T }}$ | Beimo |  | ${ }^{\text {B210+LRX24-SR-T }}$ | 1 | \$353.00 | 58\% | \$148.26 |
| B2210+NB824.3.TN4 | Baimo |  | B210+NB824.3. $\mathrm{N4}$ | 1 | \$547.00 | 58\% | \$229.74 |
| B210+NB8243.T NaH | Beimo |  | B210+NB824.3.TN4H | 1 | \$905.00 | 58\% | \$380.10 |
| B210+NB824.SR.TN4 | Beimo |  | B210+NRB24-SR-TN4 | 1 | \$648.00 | 58\% | \$272.16 |
| B210+NEB24-SR-T N N | Beimo |  | B210+NEB24-SR-T N4H | 1 | \$1,006.00 | 58\% | \$422.52 |
| B210+NB24-MFT.TN4 | Beimo |  | ${ }^{\text {B210+NSX24-MFT.TN4 }}$ | 1 | \$764.00 | 58\% | \$320.88 |
| B210+NRX24MFT-TNAH | Beimo |  | B210-NAX24-MFT-T N4H | 1 | \$1,122.00 | 58\% | \$471.24 |
| ${ }^{\text {B210+TFRB120 }}$ | Beimo |  | B210+TFRB120 | 1 | \$397.00 | 58\% | \$166.74 |
| B210+TRRB120-S | Beimo |  | B210+TRRB120.S | 1 | \$453.00 | 58\% | \$190.26 |
| B210+TFR824 | Balimo | 2.way Ccv, SS Tim, 12\%, Cv 1.2 with Sping Return,22 intw, Onvolt,24V | B210+TFRB24 | 1 | \$353.00 | 58\% | \$148.26 |
| B210+TFR8243 | Balimo |  | B2100+TR824.3 | 1 | \$404.00 | 58\% | \$169.68 |
| B210+TFR8243-S | Beimo |  | B210+TFR824.3.S | 1 | \$463.00 | 58\% | \$194.46 |
| ${ }^{\text {B210+TFRB24-S }}$ | Beimo |  | ${ }^{\text {B210+7FRB24.S }}$ | 1 | \$408.00 | 58\% | \$171.36 |
| ${ }^{\text {B210+TFRB24-SR }}$ | Beimo |  | ${ }^{\text {B210+TFRB24-SR }}$ | 1 | \$431.00 | 58\% | \$181.02 |
| B210TTFRB24SR.S | Beimo |  | B220+TFRE824SR-S | 1 | \$490.00 | 58\% | \$205.80 |
| B210+TFRX 120 | Beimo |  | B210+TFRX 120 | 1 | \$397.00 | 58\% | \$166.74 |
| B210+TRAX120.S | Belimo |  | B210+Tfex 120.S | 1 | \$453.00 | 58\% | \$190.26 |
| B210+TFRX24 | Balimo |  | B210+TFRX24 | 1 | \$353.00 | 58\% | \$148.26 |
| B210+TFPX243 | Beimo | 2.way CCV, SS Tim, 1/2", Cv 1.2 with Spring Return,22 in-b, Onotutfiraaing.24V | B210+TFPX243 | 1 | \$404.00 | 58\% | \$169.68 |
| ${ }^{\text {B210+TFPX243.3. }}$ | Beimo |  | ${ }^{\text {B210+TFRX243-S }}$ | 1 | \$463.00 | 58\% | \$194.46 |
| ${ }^{\text {B210 }}$ +TFAX24MFT | Beimo |  | ${ }^{\text {B210 }}$ +TFAX24M-T | 1 | \$506.00 | 58\% | \$212.52 |
| B210+TFAx24S | Beimo |  | B210+TFRX24.S | 1 | \$408.00 | 58\% | \$171.36 |
| B210+TFR224.SR | Belimo |  | B210+TFR24.SR | 1 | \$431.00 | 58\% | \$181.02 |
| B210+TFR24.SR-S | Balimo |  | B210-TFRX24-SR-S | 1 | \$490.00 | 58\% | \$205.80 |
| B210+TR24.3 Us | Beimo |  | B210+TR24-3 Us | 1 | \$232.00 | 58\% | \$97.44 |
| B210+TR24-3/300 US | Beimo |  | B210+TR24.3300 US | 1 | \$250.00 | 58\% | \$105.00 |
| B220+TR24.3500 us | Baimo |  | B210+TR24.3500 us | 1 | \$270.00 | 58\% | \$113.40 |
| ${ }^{\text {B210+TR243-T U }}$ | Beimo |  | ${ }^{\text {B210+TR243-7 }}$ Us | 1 | \$216.00 | 58\% | \$90.72 |
| B210+TR24-SR US | Beimo |  | B210+TR24.SR US | 1 | \$336.00 | 58\% | \$141.12 |
| ${ }^{\text {B210+TR24SR300 US }}$ | Beimo |  | B210+TR24-SR330 US | 1 | \$352.00 | 58\% | \$147.84 |
| B210+TR24.SR5500 Us | Balimo |  | B210+TR24.SRE500 US | 1 | \$375.00 | 58\% | \$157.50 |
| B210+TR24-SR-TUS | Balimo |  | B210+TR24-SR-TUS | 1 | \$322.00 | 58\% | \$135.24 |
| ${ }^{\text {B2108 }}$ +LF120 US | Beimo | 2.way CCV, Brass Tim, 12:', Cv 1.2 with Sping, 35in-lb, Onjoft, 120V | B2108+LF120 US | 1 | \$422.00 | 58\% | \$177.24 |
| ${ }^{\text {B2 } 208+L F I 20 . S ~ U S ~}$ | ${ }^{\text {Beimo }}$ |  | ${ }^{\text {B2108 } 20 . L 120 . S ~ U S ~}$ | 1 | \$482.00 | 58\% | \$202.44 |
| B2108+LF24US | Beimo | 2 2.way CCV, Brass Trim, 12", Cv 1. 2 with Spping, 35inlv, Onolf, 24 V | ${ }^{\text {B2108 }}$ +LF24US | , | \$391.00 | 58\% | \$164.22 |
| ${ }^{\text {B2108+LIF24.3 US }}$ | Beimo | 2.way CCV, Brass Tim, 112\%, Cv 1.2 with Sping, 35in-lb, Foating, 24 V | ${ }^{\text {B220B+LF24.3 US }}$ | 1 | \$496.00 | 58\% | \$208.32 |
| ${ }^{\text {B2203+LF24-S US }}$ | Beimo |  | ${ }^{\text {B2108 }+ \text { LF24-S US }}$ | 1 | \$447.00 | 58\% | \$187.74 |
| ${ }^{\text {B2 } 208+L F 24 . S R ~ U S ~}$ | Belimo |  | ${ }^{\text {B2 } 108+L F 24 . S R ~ U S ~}$ | 1 | \$511.00 | 58\% | \$214.62 |
| B2108+LF24-SR.S US | Balimo |  | B2108tLF24-SR.S US | 1 | \$570.00 | 58\% | \$239.40 |
| B2108+LRB120.3 | Baimo |  | 82108+LRB120.3 | 1 | \$277.00 | 58\% | \$116.34 |
| B2108+LRB120.SR | Baimo |  | 82108+LRB120.SR | 1 | \$397.00 | 58\% | \$166.74 |
| B2108+LR824.3 | Baimo |  | B2108 + LR824 ${ }^{\text {a }}$ | 1 | \$244.00 | 58\% | \$102.48 |
| ${ }^{\text {B2108 }+ \text { LRB243.3 }}$ S | Baimo |  | ${ }^{\text {B2108 }+18824.3 .5}$ | 1 | \$297.00 | 58\% | \$124.74 |
| B2108+LR8243.T | Beimo |  | B2108+LRB243.-T | 1 | \$230.00 | 58\% | \$96.60 |
| B2108+LR824.SR | Beimo |  | B2108+LB824.SR | 1 | \$363.00 | 58\% | \$152.46 |
| B2108+LR824-SR-T | Belimo |  | 82108+LR824SR.T | 1 | \$350.00 | 58\% | \$147.00 |
| 82108 + TFRB120 | Balimo |  | B2108 + TFRB120 | 1 | \$384.00 | 58\% | \$161.28 |
| B2108+TFRB120-S | Beimo |  | B2108+TFRB120.S | 1 | \$439.00 | 58\% | \$184.38 |
| ${ }^{\text {B2108 }}$ +7FR824 | Beimo |  | ${ }^{\text {B2108 }}$ +FFR824 | 1 | \$340.00 | 58\% | \$142.80 |
| ${ }^{\text {B2104 }}$ +FRR824-3 | Beimo |  | ${ }^{\text {B2108+TFR824-3 }}$ | 1 | \$389.00 | 58\% | \$163.38 |
| B2108+TPR824-3.S | Beimo |  | B2108+TFRB24-3.S | 1 | \$445.00 | 58\% | \$186.90 |
| ${ }^{\text {B2104TTFRB24-S }}$ | Beimo | 2.way CCV, Brass Tim, 12\%, Cv 1.2 with Spring Reum, 22 in-w, onnoti, 24V |  | 1 | \$395.00 | 58\% | \$165.90 |
| B2108+TFRB24-SR | Beimo |  | ${ }^{\text {B2108 }}$ +TFRB24-SR | 1 | \$416.00 | 58\% | \$174.72 |
| B2108 + TFRB24-SR-S | Balimo |  | B2108 + TREB24-SR-S | 1 | \$475.00 | 58\% | \$199.50 |
| B2108+TR24.3 US | Balimo |  | B2108+TR243 US | 1 | \$194.00 | 58\% | \$81.48 |
| ${ }^{\text {B2 } 108+\text { +TR24.3300 Us }}$ | Beimo |  | ${ }^{\text {B2 } 2108+\text { +T2 } 24.33000 ~ U ~}$ | 1 | \$210.00 | 58\% | \$88.20 |
| ${ }^{\text {B2108 +TR24-3500 US }}$ | Beimo | 2 -way CCV, Brass Tim, 112', CV 1.2 with Non-Sping Reum, 18 in.lb, Onolt, 24 V | ${ }^{\text {B2108+TR24.3500 US }}$ | 1 | \$236.00 | 58\% | \$99.12 |
| B2108+TR24.3.TU U | Beimo |  | ${ }^{\text {B2108 }}$ +TR24.3.7 U | 1 | \$182.00 | 58\% | \$76.44 |
| B2108+TR24.SR US | Beimo |  | B2108+TR24.SR US | 1 | \$284.00 | 58\% | \$119.28 |
| $\mathrm{Br}^{2108+\text { +R24-SR330 US }}$ | Beimo |  | $\mathrm{Br20B+TR24-SR300} \mathrm{US}^{\text {a }}$ | 1 | \$302.00 | 58\% | \$126.84 |
| ${ }^{82108+\text { +R2 } 4 \text {-SR } 5500 ~ U S ~}$ | Beimo |  | ${ }^{\text {B2108 }}$ +TR24-SR 500 Us | 1 | \$328.00 | 58\% | \$137.76 |
| ${ }^{\text {B2108+TR24-SR.TUS }}$ | Beimo |  | ${ }^{\text {B2108+TR24-SR.TUS }}$ | 1 | \$272.00 | 58\% | \$114.24 |
| ${ }^{\text {B211+LF120 Us }}$ | Beimo | ${ }^{2}$-way CCV, SS Tim, 1/2; CV 1.9 .9 with Sping, 35inlb, Onoft, 120V | B211+LFI20 US | 1 | \$443.00 | 58\% | \$186.06 |
| ${ }^{\text {B211+LFI20.S US }}$ | Baimo |  | ${ }^{\text {B211 LLFI20.S US }}$ | 1 | \$500.00 | 58\% | \$210.00 |
| ${ }^{\text {B2 }} 11+$ L-24 US | Beimo | 2 2.way CCV, SS Timm, 12:", Cv 1.9 w with Sping, 35inlb, Onotit, 24 V | ${ }^{\text {B2 } 21+L E 24 ~ U S ~}$ | 1 | \$410.00 | 58\% | \$172.20 |
| ${ }^{\text {B21 }}$-1+L-24.3US | Beimo |  | ${ }^{\text {B21 }}$ +1+L-24.3US | 1 | \$513.00 | 58\% | \$215.46 |
| B211+LE24Met US | Balimo | 2.way CCV, SS Tim, 12\%; CV. 1.9 " with Spping, 35in-b, Mer, 24 V | B211+LE24Mer US | 1 | \$615.00 | 58\% | \$258.30 |
| B221+LIF24MFT-S US | Beimo | 2 .way CCV, SS Tim, 12 ", Cv 1.9 . with Sping, 35inlb, MFT, 24, Sw | B211 LLF24MET.SUS | 1 | \$672.00 | 58\% | \$282.24 |
| B211+LF24.S US | Beimo |  | B211+L-24.S US | 1 | \$469.00 | 58\% | \$196.98 |
|  | Beimo |  | ${ }^{\text {B22 }} 1+$ +LF24.SR US | 1 | \$530.00 | 58\% | \$222.60 |
|  | Belimo Beimo |  |  | 1 | \$589.00 | 58\%\% | $\$ 247.38$ $\$ 12306$ |
| B211+LRB120.3 | Beimo |  | B221+LRB120.3 | 1 | \$293.00 | 58\% | \$123.06 |
| B21 + +LRB120.SR | Beimo |  | ${ }^{\text {B211 }}$ LLRB120.SR | 1 | \$399.00 | 58\% | \$167.58 |
| B211+LR824.3 | Baimo |  | B221+LRB24.3 | 1 | \$262.00 | 58\% | \$110.04 |
| B211+LR8243-5 | Baimo |  | B211+LR824.3.5 | 1 | \$317.00 | 58\% | \$133.14 |
| B211+LR824.3.T | Beimo |  | 8211+LR8243-T | 1 | \$250.00 | 58\% | \$105.00 |
| ${ }^{\text {B211+LLB824MfT }}$ | Baimo |  | $\mathrm{B}_{211+\text { LLB824MFT }}$ | 1 | \$479.00 | 58\% | \$201.18 |
| 8211+LRB24-SR | Beimo |  | 8211+LRB24.SR | 1 | \$365.00 | 58\% | \$153.30 |
| в221+LRB24-SR-T | Beimo |  | B221+LR824-SR-T | , | \$353.00 | 58\% | \$148.26 |
| B211+LRCB243 | Balimo |  | B211+LLCB243 | 1 | \$289.00 | 58\% | \$121.38 |
| ${ }^{\text {B211+LRosz4.1 }}$ | Baimo |  |  | 1 | \$591.00 | 58\% | \$248.22 |
| B211+LROB24-MFT | Beimo |  | B211+LRob24-MFT | 1 | \$63.00 | 58\% | \$265.86 |
| B211+LRax24.1 | Baimo |  | B211+LRax24.1 | 1 | \$591.00 | 58\% | \$248.22 |
| B211+LRax24MFT | Beimo |  | B211+LRax24MFT | 1 | \$633.00 | 58\% | \$265.86 |
| B211+LRX120.3 | Belimo |  | 8211+LRX120.3 | 1 | \$293.00 | 58\% | \$123.06 |
| ${ }^{\text {B21 1 + LRX } 120 . S 8}$ | Baimo |  | ${ }^{\text {B21 }}$ +LLP×120-SR | 1 | \$399.00 | 58\% | \$167.58 |
| 8221+LRX24.3 | Baimo |  | B211+LRX24.3 | 1 | \$262.00 | 58\% | \$110.04 |
| B211+LR2243.5 | Beimo |  | B211+LR24.3.3. | 1 | \$317.00 | 58\% | \$133.14 |
| B211+LRX24.3.T | Beimo |  | B211+LRX243.T | 1 | \$250.00 | 58\% | \$105.00 |
| B211+LRX24MFT B211+LX24-MFT95 | Belimo Beimo |  |  | 1 | \$479.00 | 58\% | \$201.18 |
| B211+LRX24-MFT95 | Belimo |  | B211+LRX24MFT95 | 1 | \$580.00 | 58\% | \$243.60 |

The scope of this contract includes the following
Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Hicroprocessor-Controncd
. Integrated Microprocessor-Controlled HVAC Equpent such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc, which are Factory-Mouted HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and , commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
Integrated BAS/EMS/IItegrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FreAlaminerface Pane (hap), and/or other similiar device, which utiize certain proiocis (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
. Factory Installed/Factory-Provided micro-processor--controlled included/controte $/ \mathbf{O}$ modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not imited
A. General Purpose 1 , Yelecomminicaions, Networking Cabing, A.

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communcate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Model Number <br> B211+LRX24.PC | Beimo | Product Descriplion | Froduct Code | "Warranty Period - \# of year(s) afteracceptance as required by Appendix B,Clause 54" | Hist Price | \% Discoumt | Nrs Net Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |
| B211+LRX24-SR | ${ }^{\text {Beimo }}$ Beimo | 2.way ccv, ss Trim, | ${ }_{\text {B21 }}$ B21+LLRX24 4 SR | 1 | \$580.00 $\$ 365.00$ | 58\% | $\$ 243.60$ $\$ 153.30$ |
| B221+LRX24-SR-T | Belimo |  | B221+LRX24-SR-T | 1 | \$353.00 | 58\% | $\$ 153.30$ $\$ 148.26$ |
| B211+NRB24-3. N 4 | Belimo |  | B211+NBB24-3-TN4 | 1 | \$547.00 | 58\% | \$229.74 |
| B221+NB8243.TN4H | Beimo | 2.way CCV, SS Tim, 1/2", Cv 1.9 with Non-Sping Reumm,70 in-lb, Onottrfloaing,24V | B211+NRB24.3.TN4H | 1 | \$905.00 | 58\% | \$380.10 |
| B211+NB824.SR-TN4 | Beimo |  | B211+NB824-SR-TN4 | I | \$648.00 | 58\% | \$272.16 |
| B221+NB824.SR.TN4H | Belimo | 2.way CCV, SS Tim, 12,", Cv 1.9 with Non-Sping Reumm,70 in-lb, 2-10 voc, 24 V | B211+NB824.SR-T NaH | , | \$1,006.00 | 58\% | \$422.52 |
| B221+NRK24.MFT-Tn4 | Beimo |  | B221+NRX24.MF-TN4 | 1 | \$764.00 | 58\% | \$320.88 |
| B211+NBX24-MFT-TNAH | Belimo | 2.way CCV, SS Tim, 12\%", CV 1.9 with Non-Sping Reumm,70 in-lb, MFT, 24V | B211+NRX24-MFT-TNAH | 1 | \$1,122.00 | 58\% | \$471.24 |
| B221+TFRB120 | Belimo | 2 -way CCV, SS Tim, 12 ", Cv 1.9 with Spring Reum, 22 in-b, Onotit, 100 to 240 V | B211+TFRB120 | 1 | \$397.00 | 58\% | \$166.74 |
|  | Belimo |  | B21 1 T TRBB120.S | , | \$453.00 | 58\% | \$190.26 |
| ${ }^{\text {B211+TFRB24 }}$ | Belimo |  | ${ }^{\text {B211+TFRB24 }}$ | , | \$353.00 | 58\% | \$148.26 |
| B211+TFR8243 | Belimo |  | B211+TFRB243 | 1 | \$404.00 | 58\% | \$169.68 |
| B211+TRB224.3.S | Belimo |  | B221+TFRB243.S | 1 | \$463.00 | 58\% | \$194.46 |
| B211+TFRB24. | Beimo |  | B211+TFRB24-S | 1 | \$408.00 | 58\% | \$171.36 |
| ${ }^{\text {8211+TFRB24-SR }}$ | Belimo |  | ${ }^{\text {B211+TRB824SR }}$ | 1 | \$431.00 | 58\% | \$181.02 |
| B211+TFRB24SR-S | Belimo |  | B211+TFR824-SR-S | 1 | \$490.00 | 58\% | \$205.80 |
| B211+TFPX120 | Belimo |  | B211+TFRX 120 | 1 | \$397.00 | 58\% | \$166.74 |
| B211+TRRX120.S | Belimo |  |  | 1 | \$453.00 | 58\% | \$190.26 |
| ${ }^{\text {B211+FFRX24 }}$ | Belimo |  | ${ }^{\text {B211+TFRX24 }}$ | 1 | \$353.00 | 58\% | \$148.26 |
| B211+TFFX243 | Belimo |  | B211+TFFX24.3 | 1 | \$404.00 | 58\% | \$169.68 |
| B211+TFR24.3.S | Belimo |  | B211+TRK24.3.S | 1 | \$463.00 | 58\% | \$194.46 |
| ${ }_{\text {B211 }}$ +TFRX24MFT | Belimo |  | ${ }^{\text {B211+ }}$ TFRX24-4FT | 1 | \$506.00 | 58\% | \$212.52 |
| ${ }^{\text {B2114 }}$ +FFX24.S | Belimo |  | $8211+$ TFRX24.S | 1 | \$408.00 | 58\% | \$171.36 |
| B211+TFR24.SR | Belimo |  | B211+TRR24-SR | 1 | \$431.00 | 58\% | \$181.02 |
| B211+TFRX24SR-S | Beimo |  | B211+TFR24-SR.S | 1 | \$490.00 | 58\% | \$205.80 |
| B211+TR24-3 Us | Belimo |  | B211+TR24-3 US | 1 | \$232.00 | 58\% | \$97.44 |
| B221+TR24-3300 Us | Belimo |  | B211+TR24-3300 US | 1 | \$250.00 | 58\% | \$105.00 |
| B221+TR24.3500 us | Belimo |  | B221+TR24-3500 us | 1 | \$27.00 | 58\% | \$113.40 |
| ${ }^{\text {B221+TT243-T U }}$ | Belimo |  | ${ }^{\text {B221+TF24.3.7 US }}$ | 1 | \$216.00 | 58\% | \$90.72 |
| ${ }^{\text {B221+TR24-SR US }}$ | Belimo |  | ${ }^{\text {B221 }}$ +TR24-SR US | 1 | \$336.00 | 58\% | \$141.12 |
| B211+TR24.SR300 US | Belimo |  | B211+TR24.SR3300 US | 1 | \$352.00 | 58\% | \$147.84 |
| B211+TR24.SR/500 US | Beimo |  | B211+TR24.SR/500 Us | 1 | \$375.00 | 58\% | \$157.50 |
| B221+TR24-SR-TUS | Belimo | 2.way CCV, SS Trim, 112", Cv 1.9 w wih Non-Spring Reuum,18 in-Ib, 2.10 VDC, 24 V | B221+TR24-SR-TUS | 1 | \$322.00 | 58\% | \$135.24 |
| B211B+LF120 US | Belimo | 2.way CCV, Brass Tim, 12\%; Cv 1.9 with Spring, 35in-lb, Onloft, 120V | B2118+LF120 US | 1 | \$422.00 | 58\% | \$177.24 |
| B2118+LFI20.S US | Beimo |  | ${ }^{\text {B21 } 18+L \text { L120. }}$ US | 1 | \$482.00 | 58\% | \$202.44 |
| B2118tLF24US | Belimo | 2 -way CCV, Brass Trim, 12", Cv 1.9 with Spping, 35inlv, Onolf, 24 V | B22118tLF24 US | 1 | \$391.00 | 58\% | \$164.22 |
|  | Belimo | 2.way CCV, Brass Tim, 12\%, CV 1.9 with Spring, 35in-lb, Foating, 24 V | ${ }^{\text {B2 }} 118+$ LF24.3 US | 1 | \$496.00 | 58\% | \$208.32 |
| B2118+L-24-S US | Belimo |  | B2211+LL24.S US | 1 | \$447.00 | 58\% | \$187.74 |
| B2118+LF24.SR US | Belimo |  | B2211+L-24.SR US | 1 | \$511.00 | 58\% | \$214.62 |
| B21 1B+LF24-SR.S US | Belimo | 2-way CCV, Brass Timm, 127", Cv 1.9 with Spring, 35inlb, 2-10V, 24V, SW | B2118tLF24-SR.S US | 1 | \$570.00 | 58\% | \$239.40 |
| B2118+LRB120.3 | Belimo |  | B2118+LRB120:3 | 1 | \$277.00 | 58\% | \$116.34 |
| 82118+LRB120.SR | Belimo |  | B2118+LRB120.SR | 1 | \$397.00 | 58\% | \$166.74 |
| B211B+LRB24-3 | Beimo |  | B211B+LRB24 ${ }^{\text {a }}$ | 1 | \$244.00 | 58\% | \$102.48 |
| B22118+LR8243. ${ }^{\text {S }}$ | Beimo |  | B22118+LR8243. ${ }^{\text {S }}$ | 1 | \$297.00 | 58\% | \$124.74 |
| B22118 + LB824.3.T | Beimo |  | B22118+LR824.3.T | 1 | \$230.00 | 58\% | \$96.60 |
| B2118+LRB24-SR | Beimo | 2.way CcV, Brass Tim, 172, CV 1.9 with Non-Sping Reutur,45 in-lb, 2-10 voc, 24V | B2118+LR824-SR | 1 | \$363.00 | 58\% | \$152.46 |
| B2118+LR824-SR-T | Belimo |  | B2118+LR824-SR-T | 1 | \$350.00 | 58\% | \$147.00 |
| B2118 + FFRB120 | Belimo |  | B2118 + FRRB120 | 1 | \$384.00 | 58\% | \$161.28 |
| B2118+TFRB120-S | Belimo | 2.way CCV, Brass Timm, 12", CV 1.9 with Sping Return,22 intb, Onvoft, 10010240 V | B2118+TPRB120.S | 1 | \$439.00 | 58\% | \$184.38 |
| B22118+TRB824 | Belimo | 2.way CCV, Brass Tim, 112", cr 1.9 with Spring Reum,22 in-b, Onotit,24V | B22118+TFB824 | 1 | \$340.00 | 58\% | \$142.80 |
| B2118+TFRB24-3 | Beimo |  | B2118+TFRB24-3 | 1 | \$389.00 | 58\% | \$163.38 |
| B2118+TFRB243.S | Beimo |  | B2118+TFRB24.3.S | 1 | \$445.00 | 58\% | \$186.90 |
| B2118+TFR824-S | Belimo | 2.way CCV, Brass Tim, 112", Cv 1.9 with Spring Reum, 22 in-w, Onotit,24V | B2118+TFRE24-S | 1 | \$395.00 | 58\% | \$165.90 |
| ${ }^{\text {B211B+TFRB24-SR }}$ | Belimo |  | ${ }^{\text {B2118 }}$ +TFRB24-SR | 1 | \$416.00 | 58\% | \$174.72 |
| B211B+TFRB24-SR-S | Belimo |  | B211B + TFRB22-SR-S | 1 | \$475.00 | 58\% | \$199.50 |
| B2118+TR24.3 US | Belimo | 2.way CCV, Brass Tim, 12", Cv 1.9 with Non-Sping Reumm,18 in-lb, Onotit,24V | B2111+TR243 US | 1 | \$194.00 | 58\% | \$81.48 |
| B2118+TR24.3300 US | Belimo |  | B2118+TR2433300 US | 1 | \$21.00 | 58\% | \$88.20 |
| B2118+TR24.3500 US | Belimo |  | ${ }^{\text {B2118+TR24.3/500 US }}$ | 1 | \$236.00 | 58\% | \$99.12 |
| B22118+TR243.TUS | Beimo |  | B2118+TR24.3.TUS | 1 | \$182.00 | 58\% | \$76.44 |
| B2118+TR24-SR US | Belimo | 2.way CCV, Brass Tim, 12\%, Cv 1.9 with Non-Sping Reumm, 18 in-bl , 2-10 Voc, 24 V | B2118+TR24.SR US | 1 | \$284.00 | 58\% | \$119.28 |
| ${ }^{\text {B2 } 218+\text { +TR24-SR300 Us }}$ | Belimo |  | ${ }^{\text {B2118+TR24-SR3300 Us }}$ | 1 | \$302.00 | 58\% | \$126.84 |
| B2118+TR24-SR550 Us | Belimo |  | B2118+TR24-SR/500 Us | 1 | \$328.00 | 58\% | \$137.76 |
| B211BTR24-SR-T U | Belimo | 2.way CCV, Brass Tim, 12\%, CV 1.9 with Non-Sping Reumm, 18 in-bl , 2-10 Voc, 24 V | B2118-TR24.SR-T US | 1 | \$272.00 | 58\% | \$114.24 |
| B212+LF120 US | Belimo |  | B212+LF120 US | 1 | \$449.00 | 58\% | \$188.58 |
| ${ }^{\text {B22 } 2 \text { LLFI20.S }}$ US | Belimo |  | ${ }^{\text {B212+LFI20.S US }}$ | 1 | \$506.00 | 58\% | \$212.52 |
| B212+LE24 US | Belimo |  | ${ }^{\text {B212 }}$ +LF24 US | 1 | \$416.00 | 58\% | \$174.72 |
| B212+LF24.3 US | Belimo |  | ${ }^{\text {B2124LLF24.3 US }}$ | 1 | \$519.00 | 58\% | \$217.98 |
| B212+LE24MFTU US | Beimo | 2.way CCV, SS T Tim, 112", Cv 3.0" with Spping, 35inlb, Mer, 24 V |  | 1 | \$623.00 | 58\% | \$261.66 |
| B2124LE24MFT.S US | Belimo | 2.way CCV, SS Tim, 12", Cv 3.0" with Sping, 35in.b, MFT, 24, SW | B212+LF24MET.SUS | 1 | \$680.00 | 58\% | \$285.60 |
| B212+LF24-S US | Belimo |  | B212+LF24-S US | 1 | \$475.00 | 58\% | \$199.50 |
|  | Belimo |  |  | 1 | \$537.00 | 58\% | \$225.54 |
| B212+LF24.SR-S US | Belimo |  | B212+LF24-SR.S US | 1 | \$595.00 | 58\% | \$249.90 |
| ${ }^{\text {8212 } 2 \text { LRB120.3 }}$ | Belimo |  | B2124LRB120.3 | 1 | \$285.00 | 58\% | \$19.70 |
| ${ }^{\text {B212+LRB120.SR }}$ | Belimo |  | ${ }^{\text {B212+LRB120.SR }}$ | 1 | \$401.00 | 58\% | \$168.42 |
| ${ }^{\text {B2124+LRB24-3 }}$ | Belimo |  | ${ }^{\text {B212 } 2+6824-3}$ | 1 | \$264.00 | 58\% | \$110.88 |
| B212+LR8243. ${ }^{\text {S }}$ | Beimo |  | 8212+LR824-3. ${ }^{\text {S }}$ | 1 | \$319.00 | 58\% | \$133.98 |
| B212+LR824-3.T | Belimo |  | 8212+LR8243-T | 1 | \$252.00 | 58\% | \$105.84 |
| B212+LR824MFT | Beimo |  | B212+LRB24MeT | 1 | \$484.00 | 58\% | \$203.28 |
| 8212+LR824-SR | Belimo |  | B212+LR824-SR | 1 | \$367.00 | 58\% | \$154.14 |
| B212+LRE82-SR-T | Beimo |  | B212+LR824.SR.T | 1 | \$355.00 | 58\% | \$149.10 |
| 8212+LCCB243 | Belimo |  | B212+LCCB243 | 1 | \$291.00 | 58\% | \$122.22 |
| B212+LRab24-1 | Beimo |  | B212+LRa824-1 | 1 | \$595.00 | 58\% | \$249.90 |
| ${ }^{\text {B212 } 2 \text { LRab24M-T }}$ | Belimo |  | ${ }^{\text {B212+LROB24-MFT }}$ | 1 | \$638.00 | 58\% | \$267.96 |
| B212+LRax24.1 | Beimo |  | B212+LROX24.1 | 1 | \$595.00 | 58\% | \$249.90 |
| ${ }^{\text {B2 } 21+L R 0 x 24-M F T ~}$ | Belimo |  | $\operatorname{Ba212+LRax24-MFT}^{\text {a }}$ | 1 | \$638.00 | 58\% | \$267.96 |
| B212+LRX120.3 | Belimo |  | ${ }^{\text {B212+LPX120.3 }}$ | 1 | \$285.00 | 58\% | \$199.70 |
| ${ }^{\text {B212 }}$ +LRX120.SR | Belimo |  | ${ }^{\text {B212+LLXX120.SR }}$ | 1 | \$401.00 | 58\% | \$168.42 |
| B212+LRX24.3 | Beimo |  | ${ }^{\text {B2 } 21+\text { +RX24 }}$ | 1 | \$264.00 | 58\% | \$110.88 |
| B212+LRX243.3. | Beimo |  | B212+LRX24.3.S | 1 | \$319.00 | 58\% | \$133.98 |
| B212+LRX24.4.T | Beimo |  | B212+LRX24.3.T | 1 | \$252.00 | 58\% | \$105.84 |
| B212+LR24.MFT | Belimo |  | ${ }^{\text {B212 }}$ L-R244-MFT | 1 | \$484.00 | 58\% | \$203.28 |
| B212+LRX24-MFT99 | Belimo |  | B212+LRX24MFT95 | 1 | \$584.00 | 58\% | \$245.28 |
| ${ }^{\text {B212+LLRX24.PC }}$ | Belimo |  |  | 1 | \$584.00 | 58\% | \$245.28 |
| B212+LRX24SR | Belimo |  | B212+LRX24.SR | 1 | \$367.00 | 58\% | \$154.14 |
| ${ }^{\text {B212+LRX24-4R-T }}$ | ${ }^{\text {Belimo }}$ |  | ${ }^{\text {B212+LRX24.4R-T }}$ | 1 | \$355.00 | 58\% | \$149.10 |
| B212+NBB243-TN4 |  |  | B212+NBB243.TN4 |  | \$547.00 | 58\% | \$229.74 |

The scope of this contract includes the following
Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Hicroprocessor-Contronled HAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcatgories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipent such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc, which are Factory-Mouted IVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and , commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
Integrated BAS/EMS/IItegrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FreAlaminterface Pane (hap), and/or other similiar device, which utilize certain proiocis (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

Integrated Microprocessor-Based HVAC Equipment;

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, Showers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he

Factory Installed/Factory-Provided micro-processor--controlled included/controte I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose IN, Telecommunicaions, Networking Cabng,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To comunicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Number |  | Product Desatiplion | Product Code | $\begin{gathered} \text { "Warranty Period - \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54 \text { " } \end{gathered}$ | Lsit Price | m | - |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B212+NB8243.TN4H | Beimo |  | B212+NB824.4.TN4H | 1 | \$905.00 | 58\% | \$380.10 |
| B212+NRB24-SR-T N4 | Beimo |  | B212+NRB24SR.TN4 | 1 | \$648.00 | 58\% | \$272.16 |
| ${ }^{\text {B212+NEB24 }}$-SR-T NNH | Beimo | 2 2.way CCV, SS Tim, , 1/2, Cv 3 with Non-Spring Reumr,70 in-lb, 2-10 voc, 24 V | B212+NEB24-SR-T NNH | 1 | \$1,006.00 | 58\% | \$422.52 |
| B212+NK24-MFT-TN4 | Beimo |  | B212+NK24-MFT-TN4 | 1 | \$764.00 | 58\% | \$320.88 |
| ${ }^{\text {B212-NRX24-MFT-T NAH }}$ | Beimo | 2 -way CCV, SS Tim, ,12", Cr 3 with Non-Spring Reumm,70 in-lb, MFT, 24V | $\mathrm{B}^{\text {212-NRX24-MFT-T } \mathrm{NAH}}$ | 1 | \$1,122.00 | 58\% | \$471.24 |
| B212+7FRB120 | Belino |  | B212+TRRB120 | 1 | \$384.00 | 58\% | \$161.28 |
| B212TTREB $20 . \mathrm{S}$ | Beimo |  |  | 1 | \$439.00 | 58\% | \$184.38 |
| B212+TFRB24 | Beimo |  | ${ }_{\text {B212+TFRB24 }}$ | 1 | \$361.00 | 58\% | \$151.62 |
| B2214TFRB24.3 | Beimo |  | B2214TFRB24-3 | 1 | \$408.00 | 58\% | \$171.36 |
| B212+TFRB243-3. ${ }^{\text {S }}$ | Beimo |  |  | 1 | \$467.00 | 58\% | \$196.14 |
| B2124TFR824-S | Beimo |  | B2124TFR824-S | 1 | \$416.00 | 58\% | \$174.72 |
| ${ }^{\text {B212TTRE224-SR }}$ | Beimo |  | ${ }^{\text {B212 }}$ +FRB24-SR | 1 | \$437.00 | 58\% | \$183.54 |
| B212TTFRB24SRRS | Belino |  | B212+TFR824-SR-S | 1 | \$494.00 | 58\% | \$207.48 |
| B212+TFRX120 | Beimo |  | B212+TFRX120 | 1 | \$406.00 | 58\% | \$170.52 |
| ${ }^{\text {B212TITRXX120.S }}$ | Beimo |  | B212TTRAX120.S | 1 | \$465.00 | 58\% | \$195.30 |
| B212+TFRX24 | Beimo |  | B212+TFRX24 | 1 | \$361.00 | 58\% | \$151.62 |
| B2124TFRX24.3 | Beimo |  | ${ }^{\text {B212 }}$ +TFRX24.3 | 1 | \$408.00 | 58\% | \$171.36 |
| B2212TFRX243-S | Beimo |  | ${ }^{\text {P22 }}$ +TFRX24.3.S | 1 | \$467.00 | 58\% | \$196.14 |
| ${ }_{\text {B212+TFRX24MFT }}$ | Beimo |  | ${ }^{\text {B2 } 21+\text { TFRX } 24-M F T}$ | 1 | \$511.00 | 58\% | \$214.62 |
| B212+FFRX24S | Beimo |  | B212+TFRX24.S | 1 | \$416.00 | 58\% | \$174.72 |
| ${ }^{\text {B212TTFR24.SR }}$ | Belino |  | ${ }^{\text {B212 }}$ +TRR24-SR | 1 | \$437.00 | 58\% | \$183.54 |
| B212TFRX24SR.S | Beimo |  | B212+TFRX24-SR-S | 1 | \$494.00 | 58\% | \$207.48 |
| B212+TR24.3 US | Beimo |  | B212+TR24-3 US | 1 | \$234.00 | 58\% | \$98.28 |
| B212+TR24-3300 US | Beimo |  | ${ }^{\text {B212+TR24-3300 US }}$ | 1 | \$222.00 | 58\% | \$105.84 |
| B212+TR24-3,500 Us | Beimo |  | B212+TR24-3500 US | 1 | \$272.00 | 58\% | \$114.24 |
| ${ }^{\text {B212+TR243-T US }}$ | Beimo |  | ${ }^{\text {B212-TR243-T U }}$ | 1 | \$220.00 | 58\% | \$92.40 |
| B212+TF24-SR US | Beimo |  | ${ }^{\text {B212+TT24-SR US }}$ | 1 | \$338.00 | 58\% | \$141.96 |
| 8212+TR24-SR300 US | Beimo | 2.way CCV, SS TTim, 112", CV 3.0" with Non-Sping Reumm,18 in.\|b, 2-10 VDC, 24V | B212+TR24.SR3300 US | 1 | \$354.00 | 58\% | \$148.68 |
| ${ }^{\text {B212+TR24 } 4 \text { SR } 500}$ Us | Beimo |  | B212+TR24.SRF500 Us | 1 | \$377.00 | 58\% | \$158.34 |
| B212+TR24-SR-TUS | Beimo |  | B212+TR24SR.TU | 1 | \$324.00 | 58\% | \$136.08 |
| ${ }^{\text {B2128+LF120 US }}$ | Beimo | 2.way CCV, Brass Tim, 112", Cv 3.0 with Spring, 35in-lb, Onoff, 120V | ${ }^{\text {B212B+LF120 US }}$ | 1 | \$426.00 | 58\% | \$178.92 |
| ${ }^{\text {B2128 }}$ +LF120.S US | Beimo | 2 -way CCV, Brass Tim, 112", Cv 3.0 with Sppring, 35in-lb, Onvolt, 120V, SW | ${ }^{\text {B2128 L-F120.S US }}$ | 1 | \$486.00 | 58\% | \$204.12 |
| 8212B+LF24 US | Beimo | 2 -way CCVV, Brass Tim, 12", Cv 3.0 with Sping, 35inlb, onvolt, 24 V | B2123+LF24 US | 1 | \$397.00 | 58\% | \$166.74 |
| ${ }^{\text {B2128+LF24.3 }}$ U | Belino |  | ${ }^{\text {B2128+LE24.3 US }}$ | 1 | \$502.00 | 58\% | \$210.84 |
| ${ }^{\text {B2123+LF24-S US }}$ | Beimo |  | ${ }^{\text {B2123+LF24-S }}$ US | 1 | \$453.00 | 58\% | \$190.26 |
| ${ }^{\text {B2128 }}$ +LF24-SR US | Beimo |  | ${ }^{\text {B2128 }}$ +LF24.SR US | 1 | \$517.00 | 58\% | \$217.14 |
| B2128+LF24-SR.S US | Beimo |  | B2128tLF24-SR-S US | 1 | \$574.00 | 58\% | \$241.08 |
| B2128+LRB120.3 | Beimo |  | B2128+LRB120:3 | 1 | \$281.00 | 58\% | \$118.02 |
| ${ }^{\text {B2128 }}$ LLRB120.SR | Beimo |  | ${ }^{\text {B2128 }}$ LRBE120.SR | 1 | \$406.00 | 58\% | \$170.52 |
| B2218 + LR824.3 | Beimo |  | B2218 + LR824 3 | 1 | \$250.00 | 58\% | \$105.00 |
|  | Beimo |  |  | 1 | \$302.00 | 58\% | \$126.84 |
| B2128+LR8243-T | Beimo |  | B2128+LRB24.3.T | 1 | \$236.00 | 58\% | \$99.12 |
| B2128+LRB24.SR | Beimo |  | B2128+LRB24.SR | 1 | \$371.00 | 58\% | \$155.82 |
| B2128+LR824SR-T | Beimo | 2.way CcV, Brass Tim, 12\%, Cv 3.0 with No.-Sping Reumm,45 in-lb, 2-10 voc, 24V | B2128+LR824SR.T | 1 | \$359.00 | 58\% | \$150.78 |
| в2128+7FRB120 | Beimo |  | B2128+TFRB120 | 1 | \$389.00 | 58\% | \$163.38 |
| B2128 + TFRB $120 . S^{\text {S }}$ | Beimo |  | 82128+TFRB120.S | 1 | \$445.00 | 58\% | \$186.90 |
| 82128+TFR224 | Beimo | 2.way CCV, Brass Tim, 112", Cv 1.9 with Sping Reutm,2 2inibl, Onotit,24V | 82128+TFR824 | , | \$344.00 | 58\% | \$144.48 |
|  | Beimo |  |  | 1 | \$391.00 | 58\% | \$164.22 |
| ${ }^{\text {82128 }}$ +TFRB243-S | Beimo |  | ${ }^{\text {82128 }}$ +TFRB24 3 -S | 1 | \$447.00 | 58\% | \$187.74 |
| B2128+TFR824-S | Belino | 2.way CCV, Brass Tim, 12\%", Cv 1.9 with Spring Reum, 22 in-b, Onotit,24V | ${ }^{\text {22123+TFRB24-S }}$ | 1 | \$399.00 | 58\% | \$167.58 |
| ${ }_{\text {B212B+TFRB24-SR }}$ | Beimo |  | B2128+TFRB24-SR | 1 | \$418.00 | 58\% | \$175.56 |
| B212B + TFRB24-SR.S | Beimo | 2 2.way CCV, Brass Tim, 127 ', CV 1.9 with Spring Reuur,22 in-lb, 2-10 voc, 24 V | B2128 + TFRB24-SR-S | 1 | \$477.00 | 58\% | \$200.34 |
| ${ }^{\text {B2128+TR24.3 US }}$ | Beimo |  | ${ }^{\text {B2128+TR24 }}$ US | 1 | \$198.00 | 58\% | \$83.16 |
| ${ }^{\text {B2128+TR24-3300 US }}$ | Beimo |  | ${ }^{\text {B2128+TR24-3300 US }}$ | 1 | \$216.00 | 58\% | \$90.72 |
| ${ }^{\text {B2128+TR24-3,500 US }}$ | Beimo | 2.way CCV, Brass Tim, 12 ", Cv 3.0 with Non-Sping Reumm,18 in-lb, Onoti, 24 V | B2128+TR24.3500 US | 1 | \$242.00 | 58\% | \$101.64 |
| 82128+TR24.3.TU | Beimo | 2.way CCV, Brass Tim, 112", Cu 3.0 with Non-Sping Reumm,18 in-Ib, Onolt, 24 V | 82218+TR24.3.T U | , | \$186.00 | 58\% | \$78.12 |
| B2128+TR24.SR US | Belino |  | B2128+TR24.SR US | 1 | \$290.00 | 58\% | \$121.80 |
| ${ }^{82128+T R 24-S R 330 ~ U S ~}$ | Beimo |  | ${ }^{82128+T R 24-S R 300 ~ U S ~}$ | 1 | \$310.00 | 58\% | \$130.20 |
| ${ }^{\text {B212B+TR24-SR } 500}$ Us | Beimo |  | ${ }^{\text {B2128+TR24-SR550 US }}$ | , | \$334.00 | 58\% | \$140.28 |
| ${ }^{\text {B2128 +TR24-SR.TUS }}$ | Beimo |  | ${ }^{\text {B2128+TR24-SR-TUS }}$ | 1 | \$278.00 | 58\% | \$116.76 |
| B2134-F120 US | Beimo |  | B2134-F120 US | 1 | \$451.00 | 58\% | \$189.42 |
| ${ }^{\text {B213 }}$ L-Li20.S US | Beimo |  | ${ }^{\text {B213 L-LF20.S }}$ US | 1 | \$509.00 | 58\% | \$213.78 |
| ${ }^{\text {82 }} 13+\mathrm{LF} 24 \mathrm{US}$ | Beimo | 2 2.way CCV, SS Timm, 12\%:C Cr 4.7.7 with Sping, 35inibl, Onotit, 24 V | ${ }^{\text {B2 } 21+L E 24 ~ U S ~}$ | 1 | \$418.00 | 58\% | \$175.56 |
| B213tLF24.3 US | Beimo | 2-way COV, SS Timm, 127", Cv4.77" with Sping, 35in-b, Floaing, 24V | B213+LF24-3 US | 1 | \$521.00 | 58\% | \$218.82 |
| B213+LE24MFTU US | Belino |  | B213+LE24MFT US | 1 | \$629.00 | 58\% | \$264.18 |
| B213+LE24MFT.S US | Beimo |  | B213+L-24MET.S US | 1 | \$686.00 | 58\% | \$288.12 |
| ${ }^{\text {B213+LI24.S US }}$ | Beimo |  |  | 1 | \$477.00 | 58\% | \$200.34 |
| ${ }^{\text {B213 }}$ LF24-SR US | Beimo | 2 -way CCV, SS Tim, 122, Cv4.7. with Spring, 35in-lb, 2-10V, 24V | ${ }^{\text {B213+LF24-SR US }}$ | 1 | \$539.00 | 58\% | \$226.38 |
| B213+LF24-SR.S US | Beimo | 2.way CCV, SS Tim, 112 ", Cv4.7.7 with Spring, 35in-lb, 2-10V, 24V, Sw | B213+LE24-SR.S US | 1 | \$597.00 | 58\% | \$250.74 |
| B213+LRB120.3 | Beimo |  | B2134 1 RB120.3 | 1 | \$310.00 | 58\% | \$130.20 |
| ${ }^{\text {B213 }}$ +LRB120.SR | Beimo |  | ${ }^{\text {B213 }}$ LLRB120.SR | 1 | \$406.00 | 58\% | \$170.52 |
| 8213+LRB24.3 | Belimo |  | 8213+LR824-3 | 1 | \$277.00 | 58\% | \$116.34 |
| ${ }_{8213+L R 8243.5}$ | Beimo |  | B213+LR824.3.S | 1 | \$336.00 | 58\% | \$141.12 |
| B213+LR824.3.T | Beimo |  | 8213+LR824.3.T | 1 | \$264.00 | 58\% | \$110.88 |
| ${ }^{\text {B213 }}$ LLB824MFT | Beimo |  | ${ }^{\text {B213+LLB24-M/T }}$ | , | \$492.00 | 58\% | \$2006.64 |
| B213+LR824SR | Beimo |  | B2134LR824.SR | 1 | \$371.00 | 58\% | \$155.82 |
|  | Belimo |  | ${ }^{\text {B213+LR824.4R T }}$ T | 1 | \$359.00 | 58\% | \$150.78 |
| B213+LLCB243 | Beimo |  | B213+LLCB243 | 1 | \$304.00 | 58\% | \$127.68 |
| B2134+Ra824-1 | Beimo |  | B2134LRO824-1 | 1 | \$604.00 | 58\% | \$253.68 |
| B213+LRab24MFT | Beimo |  | B213+LRob24-MFT | 1 | \$646.00 | 58\% | \$271.32 |
| ${ }^{\text {B213+LRax } 24.1}$ | Beimo |  | B213+LRax24.1 | 1 | \$604.00 | 58\% | \$253.68 |
| ${ }^{\text {B2/3+ }}$ LRax24M-T | Beimo |  | B213+LRax 24 M/TT | 1 | \$646.00 | 58\% | \$271.32 |
| B213+LRX120.3 | Beimo |  | B213+LRX120.3 | 1 | \$310.00 | 58\% | \$130.20 |
| ${ }^{\text {B213 }}$ +LR× 120.58 | Beimo |  | ${ }^{\text {B213 }}$ +LRX120.SR | 1 | \$406.00 | 58\% | \$170.52 |
| 8213+LRX24-3 | Beimo |  | B213+LRX24.3 | 1 | \$310.00 | 58\% | \$130.20 |
| 8213+LR24.3.5 | Beimo |  | B213+LRX24.3.5 | 1 | \$336.00 | 58\% | \$141.12 |
| B213+LR×24.3.T | Beimo |  | $8213+$ LRX24.3.T | 1 | \$266.00 | 58\% | \$111.72 |
| ${ }^{\text {B213 LLRX24-MFT }}$ | Beimo |  | ${ }^{\text {8213 LLRX24MFT }}$ | 1 | \$492.00 | 58\% | \$206.64 |
| B213+LRK24-MFT95 | Beimo | 2.way CCV, SS Tim, 112 ", Cv4.7.7 with Non-Sping Reuum,45 in-Ib, MFT, 24V | B213+LRX24-MFT95 | 1 | \$589.00 | 58\% | \$247.38 |
| 8213+LR244PC | Beimo |  | B213+LRX24.PC | 1 | \$589.00 | 58\% | \$247.38 |
| B213+LRX24SR | Belimo |  | B213+LRX24SR | , | \$371.00 | 58\% | \$155.82 |
| B213+LRX24.SR-T | Beimo |  | B213+LRX24.SR-T | 1 | \$359.00 | 58\% | \$150.78 |
| 8213-N8B224.3. $\mathrm{N}_{4}$ | Beimo |  | 8213-NB8243.7N4 | 1 | \$551.00 | 58\% | \$231.42 |
| B213-NB8243.TNAH | Beimo |  | B213-NRB24.3.TN4H | 1 | \$909.00 | 58\% | \$381.78 |
| 8213+NRB24.SR.TN4 | Beimo |  | B213+NB824-SRTTN4 | 1 | \$654.00 | 58\% | \$274.68 |
| ${ }^{\text {B213+NEB24 } 4 \text { SR-T TN4H }}$ | Beimo | 2.way CCV, SS Tim, 12", CV4.7. with Non.Sping Reum,70 in.lb, 2-10 voc, 24 V | ${ }^{\text {B213+NAB24-SR-T NaH }}$ | 1 | \$1,012.00 | 58\% | \$425.04 |
| B213+NNX24-MFT-TN4 | Belimo |  | B213+NRX24-MFT-TN4 | 1 | \$769.00 | 58\% | \$322.98 |

The scope of this contract includes the following
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. . BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated icroprocessor-Controiled HVAC Equipment in a building or faciinty. Building Management Systems and Building Control Systems are also subcacegories of Building Automation Systems.
. Integrated Microprocessor-Controlled HVAC Equment such as Chillers, Rooftop Units, Boilers, Air Handers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mouted IVC Equipment.
 commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
Integrated BAS/EMS/IItegrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pane ( AAP ), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
. Factory Installed/Factory-Provided micro-processor--controlled included/controte $/ \mathbf{O}$ modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
he contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not imited
A. General Purpose 1 , Telecommumicaions, Networking Cabing,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Mosel Mumber |  | Product Descripition | Product Code | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B213-NAX24-MF-T T N4H | Beimo |  | B213-NRX24-MFT.T NaH | $\underbrace{}_{\text {canse }}$ | \$1,127.00 | 58\% | Vs Nat Price |
| 8213+TFRB120 | Beimo | 2.way CCV, SS Tim, 1/2", CV 4.7 .7 with Spring Return,22 in-b, Onotit, 100 to 2040 V | B213+TFRB120 | 1 | \$408.00 | 58\% | \$171.36 |
| B213+TRRB120.S | Beimo |  | B213+TRRB120.S | 1 | \$467.00 | 58\% | \$196.14 |
| ${ }^{\text {B213-TFRB24 }}$ | Beimo |  | ${ }^{\text {B213TFFRB24 }}$ | 1 | \$363.00 | 58\% | \$152.46 |
| B213+FRR243 | Beimo |  | B213+TFRE243 | 1 | \$410.00 | 58\% | \$172.20 |
|  | Beimo |  | B213+TFRB24.3.S | 1 | \$469.00 | 58\% | \$196.98 |
| B2134TFRB24-S | Belimo |  | B213+TFR224S | 1 | \$408.00 | 58\% | \$171.36 |
| ${ }^{\text {B213+TFR224-SR }}$ | Beimo |  | ${ }^{\text {B213+TRR824-SR }}$ | 1 | \$439.00 | 58\% | \$184.38 |
| B213-TFR824SR.S | Belimo |  | ${ }^{\text {B2 } 23}$-TFRB24-SR-S | 1 | \$496.00 | 58\% | \$208.32 |
| B213+TFPX120 | Belimo |  | B213+TFRX120 | 1 | \$408.00 | 58\% | \$171.36 |
| B213TTFRX120.S | Belimo |  | B213+TFRX120.S | 1 | \$467.00 | 58\% | \$196.14 |
| B213-TFRX24 $^{\text {a }}$ | Beimo |  | ${ }^{\text {B213 }}$ +FRX 24 | 1 | \$363.00 | 58\% | \$152.46 |
| B213+FFRX24.3 | Beimo | 2.way CCV, SS Trim, 1/2", Cv 4.7 .7 with Spring Return,22 in-b, Onotutirioaing, 24V | B213+TFRX243 | 1 | \$410.00 | 58\% | \$172.20 |
| ${ }^{\text {B213T-TRK24.3.S }}$ | Belimo | 2.way CCV, SS Tim, 1/2", Cv 4.7 with Sping Return,22 in-b, Onotutf Foaing.24V |  | 1 | \$469.00 | 58\% | \$196.98 |
| 8213+TFRX24MFT | Beimo |  | ${ }^{\text {B213+TFRX24-MFT }}$ | 1 | \$513.00 | 58\% | \$215.46 |
| B21347FRX24-S | Belimo |  | B2134TFRX24S | 1 | \$408.00 | 58\% | \$171.36 |
| ${ }^{\text {B213T-TRR24-SR }}$ | Belimo |  | ${ }^{\text {B213T-TRR24-SR }}$ | 1 | \$439.00 | 58\% | \$184.38 |
| B213-TFRX24SR.S | Belimo |  | B213-TFRX24-SR-S | 1 | \$496.00 | 58\% | \$208.32 |
| 8213+TR24-3 US | Beimo |  | B213+TR24-3 Us | 1 | \$239.00 | 58\% | \$100.38 |
| B213+TR24.3300 Us | Beimo |  | B213+TR24.3300 Us | 1 | \$256.00 | 58\% | \$107.52 |
| B213+TR24.3500 us | Belimo |  | B213+TR24.3500 us | 1 | \$276.00 | 58\% | \$115.92 |
| ${ }_{\text {B213 }}$ TR24.3.TUS | Beimo |  | ${ }^{\text {B213+TR243.7. }}$ Us | 1 | \$224.00 | 58\% | \$94.08 |
| B213+TF24.SR US | Beimo |  | ${ }^{\text {B213+TT24-SR US }}$ | 1 | \$342.00 | 58\% | \$143.64 |
| B213+TR24.SR3300 US | Belimo |  | B213+TF24-SR300 Us | 1 | \$358.00 | 58\% | \$150.36 |
| B213+TR24.SR/500 Us | Belimo |  | ${ }^{\text {B213 }}$ +TR24-SR5500 US | 1 | \$382.00 | 58\% | \$160.44 |
| B213+TR24-SR-TUS | Belimo |  | B213-TR24-SR-TU U | 1 | \$330.00 | 58\% | \$138.60 |
| B213B+LF120 US | Beimo |  | B213B+LF120 US | 1 | \$428.00 | 58\% | \$179.76 |
| B2138+LFI20.SUS | Belimo |  | ${ }^{\text {B2 } 238+L F I 20 . S U S ~}$ | 1 | \$488.00 | 58\% | \$204.96 |
| B2138tLE24US | Belimo |  | B2138 + L224 US | 1 | \$399.00 | 58\% | \$167.58 |
| ${ }^{\text {82133+LL24.3 US }}$ | Belimo | 2.way CCV, Brass Tim, 12\%, CV4.7.7 with Spring, 35in-lb, Foating, 24V | ${ }^{\text {B213+4,L24.3 }}$ US | 1 | \$504.00 | 58\% | \$211.68 |
|  | Belimo |  |  | 1 | \$456.00 | 58\% | \$191.52 |
| ${ }^{\text {B2 } 238+L-24 . S R ~ U S ~}$ | Belimo | 2.way CCV, Brass Tim, 127 ', Cv 4.7 with Sping, 35inlb, 2-10V, 24 V | ${ }^{\text {B2 } 238+L F 24 . S R ~ U S ~}$ | 1 | \$519.00 | 58\% | \$217.98 |
| B213B+LF24-SR.SUS | Belimo |  | B2138tLF24-SR.S US | 1 | \$576.00 | 58\% | \$241.92 |
| B2138+LRB120.3 | Belimo |  | B213++LBB120-3 | 1 | \$283.00 | 58\% | \$118.86 |
| ${ }^{\text {B2 } 238+\text { LRB120-SR }}$ | Beimo |  | B2138+LRB120-SR | 1 | \$410.00 | 58\% | \$172.20 |
| B213B+LR8243 | Belimo |  | B2138 + LR824 3 | 1 | \$252.00 | 58\% | \$105.84 |
|  | Belimo |  | ${ }^{\text {B2138 }}$ +LB824.3.S | 1 | \$306.00 | 58\% | \$128.52 |
| B2138+LR8243-T | Belimo |  | ${ }^{\text {B213+ }}$ +LB824.3.T | 1 | \$238.00 | 58\% | \$99.96 |
| B2138+LR824.SR | Beimo |  | 82138+LR824.SR | 1 | \$375.00 | 58\% | \$157.50 |
| B2138+LR824-SR-T | Belimo |  | B2138+LR824SR-T | 1 | \$333.00 | 58\% | \$152.46 |
| в2138 + TFRB120 | Beimo | 2.way CcV, Brass Tim, 12", Cv 4.7 with Sping Return,22 intb, Onvoft, 10 oto 240 V | B213B + TFRB 120 | 1 | \$391.00 | 58\% | \$164.22 |
| B2138+TFRB120.S | Beimo |  | B2138+TFRE120-S | 1 | \$447.00 | 58\% | \$187.74 |
| B2138+TR8824 | Belimo | 2.way CCV, Brass Tim, 112", CV4.7.7wit Spring Reum, 22 in-b, Onoliti, 24V | 82138+TRR824 | 1 | \$346.00 | 58\% | \$145.32 |
| ${ }^{\text {B2 } 138+\text { TFRB8243 }}$ | Belimo |  | ${ }^{\text {B2 } 138+\text { TFRB24 }}$ | 1 | \$395.00 | 58\% | \$165.90 |
| 82138+TFRB24-3.S | Belimo |  | B213B+TFRB24-3.5 | 1 | \$451.00 | 58\% | \$189.42 |
|  | Belimo | 2.way CCV, Brass Tim, 12", Cv 4.7 with Spring Reum, 22 in-b, onotit, 24 V | ${ }^{\text {B2 }} 13+$ TTFRB24-S | 1 | \$401.00 | 58\% | \$168.42 |
| B2138+TFRB24-SR | Belimo |  | ${ }^{\text {B2 } 138+\text { +FRB2 }}$-SSR | 1 | \$424.00 | 58\% | \$178.08 |
| B2138+TFRB24-SR-S | Belimo |  | B2138+TFR824-SR-S | 1 | \$484.00 | 58\% | \$203.28 |
| B2138+TR24.3 US | Beimo |  | $\mathrm{B2} 2138+$ +R24 $^{\text {U US }}$ | 1 | \$200.00 | 58\% | \$84.00 |
| ${ }^{\text {B2 } 238+\text { +R24-3300 US }}$ | Belimo |  | B2138+TR24-3300 US | 1 | \$220.00 | 58\% | \$92.40 |
| B213B+TR24.3500 Us | Beimo |  | ${ }^{82138+\text { +TR24.3500 US }}$ | 1 | \$244.00 | 58\% | \$102.48 |
| 82138+TR24.3.TUS | Belimo | 2 -way CCV, Brass Tim, 12 ", Cv4.7.7 with Non-Sping Reumm,18 in-Ib, Onolt, 24V | 82138+TR24.3.TU | 1 | \$188.00 | 58\% | \$78.96 |
| B2138+TR24-SR US | Belimo | 2.way CCV, Brass Tim, 12\%, Cv 4.7 with Non-Sping Reumm,18 in-lb, 2-10 Voc, 24V | ${ }^{\text {B2 } 238+T R 24 S R ~ U S ~}$ | 1 | \$294.00 | 58\% | \$123.48 |
| ${ }^{\text {B2 } 138+\text { +R24-SR330 US }}$ | Belimo | 2.way CcV, Brass Tim, 12\%", Cv 4.7 with No.-Sping Reumm, 18 in-lb, 2-10 voc, 24V | B2138+TR24SR330 US | 1 | \$314.00 | 58\% | \$131.88 |
| ${ }^{\text {B2 138+TR24-SR550 US }}$ | Belimo | 2.way CcV, Brass Tim, 12", Cv 4.7.7 with Non-Sping Reumm, 18 in-lb, 2-10 Voc, 24V | ${ }^{\text {B2133+TR24-SR/50 US }}$ | 1 | \$338.00 | 58\% | \$141.96 |
| B213B+TR24SR.TUS | Beimo |  | B2138+TR24-SR.TU | 1 | \$282.00 | 58\% | \$118.44 |
| B2144LF120 US | Belimo |  | B214+LF120 US | 1 | \$453.00 | 58\% | \$190.26 |
| ${ }^{\text {B2 } 14+\text { LFI20.S }}$ US | Beimo | 2.way Ccv, SS Tim, 12", Cv7.4" with Sping, 35inlv, Onotit, 120V, Sw | ${ }^{\text {B214+LFI20.S US }}$ | 1 | \$511.00 | 58\% | \$214.62 |
| B214LLE24 US | Belimo |  | B214tLE24 US | 1 | \$420.00 | 58\% | \$176.40 |
| B214tLF24-3 US | Belimo | 2.way CCV, SS Tim, ,12", Cv7.4" with Sping, 35in.w, Floaing, 24V | B214+L-24-3 US | 1 | \$523.00 | 58\% | \$219.66 |
| ${ }^{\text {B214LLF24-Met US }}$ | Belimo | 2.way CCV, SS Tim, 112\%; CV7.4.4 wit Sping, 35in-b, MFT, 24V | ${ }^{\text {B2 } 241+\text { LF24Met US }}$ | 1 | \$640.00 | 58\% | \$268.80 |
| B214tL-24MET-S US | Belimo |  | B214tL-24MET.S US | 1 | \$699.00 | 58\% | \$293.58 |
| B214+L-24.S US | Beimo |  | B2144-F24-S US | 1 | \$479.00 | 58\% | \$201.18 |
| ${ }^{\text {22 }}$ 14LLF24-SR US | Belimo | 2-way CCV, SS Tim, 12", Cu7.4" wiht Sping, 35in-1b, 2-10V, 24V | ${ }^{\text {22 }} 14$ LLF24SR US | 1 | \$541.00 | 58\% | \$227.22 |
| B2144L-24.SRR.S US | Belimo | 2.way CCV, SS Trin, 172". Cr7.4. with Spring, 35in-1b, 2-10V, 24V, Sw | B2141LLE24.SR.S US | 1 | \$600.00 | 58\% | \$252.00 |
| B2144LRB120.3 | Belimo |  | B214+LRB120.3 | 1 | \$317.00 | 58\% | \$133.14 |
| B214+LRB120.SR | Beimo |  | B214+LRB120.SR | 1 | \$410.00 | 58\% | \$172.20 |
| 8214+LR824.3 | Belimo |  | 8214+LR824.3 | 1 | \$283.00 | 58\% | \$118.86 |
| B2144LR824.3.S | Beimo |  | B214+LR824.3.5 | 1 | \$342.00 | 58\% | \$143.64 |
| 8214+LR824.3.T | Beimo |  | B2144LR824.3.T | 1 | \$270.00 | 58\% | \$113.40 |
| B214+LRB24MFT | Beimo |  | B214LLR824MFT | 1 | \$496.00 | 58\% | \$208.32 |
| 82144LR824-SR | Belimo |  | B214LLRB24-SR | 1 | \$375.00 | 58\% | \$157.50 |
| B214LLR24-SR-T | Belimo |  | B214+LR24-SR-T | 1 | \$363.00 | 58\% | \$152.46 |
| B2144LRCB243 | Beimo |  | B2144LRC824.3 | 1 | \$310.00 | 58\% | \$130.20 |
| B214+LRa824-1 | Belimo |  | B214tLRa824-1 | 1 | \$608.00 | 58\% | \$255.36 |
| B214+LRob24-MFT | Beimo |  | B214+LRob24-MFT | 1 | \$652.00 | 58\% | \$273.84 |
| B214+LRax24-1 | Beimo |  | B214trax24-1 | 1 | \$608.00 | 58\% | \$25.36 |
| B214+LRax24MFT | Beimo |  | B214+LROX24MET | 1 | \$652.00 | 58\% | \$273.84 |
| B2144LRX120.3 | Beimo |  | B2144LRX120.3 | 1 | \$317.00 | 58\% | \$133.14 |
| ${ }^{\text {B214tLRx120.SR }}$ | Baimo |  | ${ }^{\text {B214tLRX120.SR }}$ | 1 | \$410.00 | 58\% | \$172.20 |
| 8214+LRX24.3 | Baimo |  | ${ }^{\text {B2 }} 14+\mathrm{LR} \times 24.3$ | 1 | \$283.00 | 58\% | \$118.86 |
| B214+LRX24.3.S | Beimo |  | B214+LRX24.3.5 | 1 | \$342.00 | 58\% | \$143.64 |
| B214+LRX24.3T | Beimo |  | B214+LRX243-T | 1 | \$270.00 | 58\% | \$113.40 |
| B214LLRX24MFT | Balimo |  | B214LLR×24MFT | 1 | \$496.00 | 58\% | \$208.32 |
| B214+LRX24.MFT95 | Beimo |  | B214+LRX24-MFT95 | 1 | \$593.00 | 58\% | \$249.06 |
| B214+LRX24.PC | Baimo |  | B2144LRX24.PC | 1 | \$593.00 | 58\% | \$249.06 |
| B214+LRX24SR | Beimo |  | B214tLRX24.SR | 1 | \$375.00 | 58\% | \$157.50 |
| B2144-LX24-SR-T | Belimo |  | B214LLRX24SR.T | 1 | \$363.00 | 58\% | \$152.46 |
| 8214-NBB24.3.TN4 | Baimo |  | 8214+NB8243.TN4 | 1 | \$557.00 | 58\% | \$233.94 |
| B214-NEB24.3.T NaH | Baimo |  | B214.NRB24.3.7N4H | 1 | \$915.00 | 58\% | \$384.30 |
| B214+NB824.SR-TN4 | Beimo |  | B214-NB824.SR-TN4 | 1 | \$660.00 | 58\% | \$277.20 |
| B214-NEB24-SR-T NaH | Baimo | 2.way CCV, SS Tim, 12", Cr7.4.4 with Non-Sping Reuun,70 in-lb, 2-10 VDC, 24V | B214NRB24SR-T N4H | 1 | \$1,018.00 | 58\% | \$427.56 |
| B224+NRX24-MFT.TN4 | Baimo |  | ${ }^{\text {B214NRX24.MFT-TN4 }}$ | 1 | \$775.00 | 58\% | \$325.50 |
| B214-NRX24.MF-T N4H | ${ }^{\text {Beimo }}$ |  | B214NNX24-MFT.TN4H | 1 | \$1,133.00 | 58\% | \$475.86 |
| ${ }^{\text {B2144TFRB120 }}$ | Belimo |  | B214T ${ }^{\text {TFRB } 120}$ | 1 | \$410.00 | 58\% | \$172.20 |
| B214TTFRB120.S | Beimo |  | B214TTREB120.S | 1 | \$469.00 | 58\% | \$196.98 |
| ${ }^{\text {B214TTFRB24 }}$ | Belimo |  | ${ }^{\text {B214TFFRB24 }}$ | 1 | \$365.00 | 58\% | \$153.30 |

The scope of this contract includes the following
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. . BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated icroprocessor-Controlied HVAC Equipment in a building or faciiity. Building Management Systems and Building Contro Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equent such as Chillers, Rooftop Units, Boilers, Air Handers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory - Moudted InC Equipment.
 commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user. Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, etc.) to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

Integrated Microprocessor-Based HVAC Equipment;

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he

Factory Installed/Factory-Provided micro-processor--controlled included/controte I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not imited
A. General Purpose 1 , Yelecommicaions, Networking Cabing,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To comunicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| INumber |  | Product Descriplion | Froduct Code | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54 " | List Price | \% Disount | Nvs Nat Pitce |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B214TTRR24.3 | Belimo |  | B214TTRE824.3 | 1 | \$412.00 | 58\% | \$173.04 |
| B214TTFR824.3.S | Belimo |  | B214TTER824.3.S | 1 | \$471.00 | 58\% | \$197.82 |
| B214+TFRB24-S | Beimo |  | B2144TRR824S | 1 | \$420.00 | 58\% | \$176.40 |
| B214TTR8824-SR | Beimo |  | B214TTFR824-SR | 1 | \$441.00 | 58\% | \$185.22 |
| B214+TFR824SR.S | Beimo |  | B214TTFR824-SR-S | 1 | \$498.00 | 58\% | \$209.16 |
| B214+TFRX120 | Beimo |  | B214TTFRX120 | 1 | \$410.00 | 58\% | \$172.20 |
| B214TTRXX120.S | Belimo |  | B214TTREx120-S | 1 | \$469.00 | 58\% | \$196.98 |
| ${ }^{\text {B214TFPX24 }}$ | Belimo |  | ${ }^{\text {B2144TFRX24 }}$ | 1 | \$365.00 | 58\% | \$153.30 |
| B214TrFRX243 | Beimo |  | B2144TFRX243 | 1 | \$412.00 | 58\% | \$173.04 |
| B214TTRK24.3.S | Beimo | 2.way CCV, SS Trim, 1/2,", Cv7.4.4 with Spring Retur,22 in-b, Onotutifioaing, 24V | B214TTRX24.3.S | 1 | \$471.00 | 58\% | \$197.82 |
| B214TFRX24MFT | Beimo |  | B214+TFRX24MFT | 1 | \$515.00 | 58\% | \$216.30 |
| B214+FFRX24S | Beimo |  | B214+FFRX24S | , | \$420.00 | 58\% | \$176.40 |
| ${ }^{\text {B214THFR24.SS }}$ | Beimo |  | ${ }^{\text {B2144TFRX24.SR }}$ | 1 | \$441.00 | 58\% | \$185.22 |
| B214TTFX24-SR-S | Belimo |  | B214TTFRX24-SR-S | 1 | \$498.00 | 58\% | \$209.16 |
| B214TR24.3 US | Belimo |  | B2144TR24.3 US | 1 | \$244.00 | 58\% | \$102.48 |
| B2144TR24-3300 US | Beimo |  | B214-TR24.3300 US | 1 | \$260.00 | 58\% | \$109.20 |
| B2144TR24.3500 Us | Beimo |  | B214-TR24.3500 Us | 1 | \$280.00 | 58\% | \$117.60 |
| B214TR24.3.TUS | Beimo |  | B214-TR24.3.TUS | 1 | \$230.00 | 58\% | \$96.60 |
| B2144TR24.4R US | Belimo |  | B214TTR24.SR US | 1 | \$346.00 | 58\% | \$145.32 |
| B214TTR24.SR3300 Us | Beimo |  | ${ }^{\text {B214+TR24.SR3300 Us }}$ | 1 | \$362.00 | 58\% | \$152.04 |
| B214TTR24.SR/500 US | Belimo |  | B214TTR24.SR2500 Us | 1 | \$386.00 | 58\% | \$162.12 |
| B2144TR24-SR-TUS | Belimo |  | B214-TR24.SR-TU | 1 | \$334.00 | 58\% | \$140.28 |
| B214B+LF120 US | Belimo |  | B2148+LF120 US | 1 | \$431.00 | 58\% | \$181.02 |
| ${ }^{\text {B2 } 248+L \text { L120. }}$ S US | Beimo |  | ${ }_{\text {B2 } 248+L \text { L120. }}$ U S | 1 | \$490.00 | 58\% | \$205.80 |
| B214BtLE24US | Beimo |  | B214B+LF24 US | 1 | \$401.00 | 58\% | \$168.42 |
| B214B+LF24.3 US | Belimo | 2.way CCV, Brass Tim, 12\%; CV7.7.4 with Spring, 35in-lb, Foating, 24V | B214B+LE24.3 US | 1 | \$506.00 | 58\% | \$212.52 |
| ${ }^{\text {B2 } 2148+L-24 . S ~ U S ~}$ | Beimo |  | ${ }^{\text {22 }} 148+$ L- 24.5 Us | 1 | \$459.00 | 58\% | \$192.78 |
| B2148+LF24.SR US | Belimo |  | ${ }^{\text {B2 } 248+L F 24 . S R ~ U S ~}$ | 1 | \$521.00 | 58\% | \$218.82 |
| B2148tLF24-SR.S US | Belimo | 2.way CCV, Brass Tim, ,12", Cv7.4.4 wih Spring, 35in-b, 2-10V, 24V, SW | B2148+LF24-SR.SUS | 1 | \$578.00 | 58\% | \$242.76 |
| B2148+LRB120.3 | Belimo |  | B2148+LRB120:3 | 1 | \$287.00 | 58\% | \$120.54 |
| ${ }^{\text {B2148+LRB120.SR }}$ | Belimo |  | B2148+LRB120.SR | 1 | \$414.00 | 58\% | \$173.88 |
| B2248+LR824.3 | Beimo |  | B2248+LR884.3 | 1 | \$256.00 | 58\% | \$107.52 |
| ${ }^{\text {82148 }+ \text { LRB24-3.S }}$ | Belimo |  | ${ }^{\text {B214B+LRB24-3.S }}$ | 1 | \$310.00 | 58\% | \$130.20 |
| ${ }^{\text {B2 }} 148+$ +LB824.3.T | Beimo |  | B2148+LB824.3.T | 1 | \$242.00 | 58\% | \$101.64 |
| B2248+LR824-SR | Beimo |  | B2148+LR824-SR | 1 | \$382.00 | 58\% | \$160.44 |
| B2148+LR824-SR-T | Belimo | 2 2.way CCV, Brass Tim, 12\%", CV7.4 with Non-Sping Reumm,45 in-lb, 2-10 Voc, 24V | B2148+LR824SR-T | 1 | \$367.00 | 58\% | \$154.14 |
| B2148 + TFRB120 | Belimo |  | B2148+TFRB120 | 1 | \$393.00 | 58\% | \$165.06 |
| B2148+TFRB120.S | Belimo |  | B2248+TFRB120-S | 1 | \$449.00 | 58\% | \$188.58 |
| B2148+TFR824 | Beimo |  | B224B+TRB824 | 1 | \$348.00 | 58\% | \$146.16 |
| B214B+TFRB24-3 | Beimo | 2.way Ccv, Brass Tim, 172,", Cv7.4 with Sping Return,22 in-b, Onvolififoaing.24V | B2148+TFRB243 | 1 | \$397.00 | 58\% | \$166.74 |
| B214B+TR8B24-3.S | Beimo | 2.way Ccv, Brass Tim, 172, Cv7.4.4 with Sping Return,22 in-b, Onvolififoaing.24V | B2148+TFRB24.3.S | 1 | \$453.00 | 58\% | \$190.26 |
| ${ }^{\text {B2 44B }+ \text { TFRB24-S }}$ | Beimo |  | ${ }^{\text {B2144 }}$ TFR8824.S | 1 | \$404.00 | 58\% | \$169.68 |
| B2148+TFRB24-SR | Belimo |  | ${ }^{\text {B2148+TFRB24-SR }}$ | 1 | \$426.00 | 58\% | \$178.92 |
| B2148 + TFRB24-SR-S | Belimo |  | B2148+TFRB24-SR-S | 1 | \$486.00 | 58\% | \$204.12 |
| B2148+TR24.3 US | Belimo |  | B2148+TR243 US | 1 | \$204.00 | 58\% | \$85.68 |
| B2148+TR24-3300 us | Belimo |  | B2148+TR24.3300 US | 1 | \$224.00 | 58\% | \$94.08 |
| B2148+TR24.3.500 US | Beimo |  | B2148+TR24-3.500 US | 1 | \$248.00 | 58\% | \$104.16 |
| B2148+TR24.3.TUS | Beimo |  | 82148+TR24.3.TUS | 1 | \$192.00 | 58\% | \$80.64 |
| B2148+TR24.SR US | Beimo |  | ${ }^{\text {8214B+TR24.SR US }}$ | 1 | \$300.00 | 58\% | \$126.00 |
| ${ }^{\text {B2148+TR24-SR300 US }}$ | Belimo | 2 2.way CCV, Brass Tim, 12\%, CV7.4 with Non-Sping Reumm,18 in-lb, 2-10 Voc, 24V | ${ }^{\text {B2148+TR24-SR300 US }}$ | 1 | \$320.00 | 58\% | \$134.40 |
| B2148+TR24-SR550 US | Belimo |  | ${ }^{\text {B2148+TR24-4RF500 Us }}$ | 1 | \$342.00 | 58\% | \$143.64 |
| B2148-TR24SR.TUS | Beimo |  | B2148+TR24-SR-T US | 1 | \$286.00 | 58\% | \$120.12 |
| B215+LF120 US | Beimo |  | B215-LF120 US | 1 | \$456.00 | 58\% | \$191.52 |
| B215+LFI20.S US | Beimo |  | B215+LFI20.S US | 1 | \$513.00 | 58\% | \$215.46 |
| ${ }_{\text {B215+LF24 US }}$ | Beimo |  | ${ }_{\text {B215 }}+$ L-24 US | 1 | \$418.00 | 58\% | \$175.56 |
| B215+L-24.3 Us | Beimo |  | B2154t-24.3 US | 1 | \$525.00 | 58\% | \$220.50 |
|  | Belimo | 2.way CCV, SS Tim, 12 ", Cv 10 - wih Spring, 35inlb, MFT, 24 V | ${ }^{\text {B2 } 215+L E 24 M e r ~ U S ~}$ | 1 | \$646.00 | 58\% | \$271.32 |
| B2154LF24MET-S US | Belimo | 2 2.way CCV, SS Tim, $122^{\prime \prime}$, Cv $10^{\circ}$ with Sping, 35inlb, MET, 24V, Sw | B2154L-24MMT.S S | 1 | \$705.00 | 58\% | \$296.10 |
| B2154-L24.S US | Belimo |  | B215+LF24.S US | 1 | \$482.00 | 58\% | \$202.44 |
| ${ }^{\text {2215 }}$ L-L24.SR US | Beimo | 2.way CCV, SS Tim, 120", Cv 10" with Sping, 35in-lb, 2-10V, 24 V | ${ }^{\text {2215 }}$ +LF24-SR US | 1 | \$543.00 | 58\% | \$228.06 |
| B2154L-24-SR.S US | Beimo |  | ${ }^{\text {B2 }} 15$ +LIE24.SR.S U | 1 | \$602.00 | 58\% | \$252.84 |
| B2154 1 RB120.3 | Belimo |  | B215 + LRB120.3 | 1 | \$330.00 | 58\% | \$138.60 |
| B215+LRB120.SR | Beimo |  | B215+LRB120.SR | 1 | \$414.00 | 58\% | \$173.88 |
| B215+LR824.3 | Belimo | 2.way CCV, SS Tim, 1/2", CV 10 - with Non-Spring Reumm,45 in-lb, Onotiffloaing,24V | B215+LR824.3 | 1 | \$293.00 | 58\% | \$123.06 |
| 82154LR8243.5 | Belimo |  | B2154LRB24.3.5 | 1 | \$353.00 | 58\% | \$148.26 |
| B215+LR8243-T | Beimo |  | 8215+LR824-T ${ }^{\text {T }}$ | 1 | \$281.00 | 58\% | \$118.02 |
| B215+LR824MFT | Beimo |  | B215+LR824MFT | 1 | \$500.00 | 58\% | \$210.00 |
| ${ }^{\text {B215+LR824-SR }}$ | Belimo |  | 8215+LR824.SR | 1 | \$382.00 | 58\% | \$160.44 |
| ${ }^{\text {B215 LLRE24-SR-T }}$ | Belimo |  | ${ }^{\text {B215 }}$ LRB244-SR-T | 1 | \$367.00 | 58\% | \$154.14 |
| B215+LRCB243 | Belimo | 2.way CCV, SS Tim, 1/2", CV $10^{\circ}$ with Non-Spring Reumm,45 in-lb, Onotifforaing,24V | B215+LRCB243 | 1 | \$320.00 | 58\% | \$134.40 |
| B215+LRag24-1 | Beimo |  | B215+LRa824-1 | 1 | \$613.00 | 58\% | \$257.46 |
| ${ }^{\text {B215 }}$ +LRa824M-T | Belimo |  | B215+LROB224MFT | 1 | \$656.00 | 58\% | \$275.52 |
| B215+LRax24.1 | Belimo |  | B215 5 LRax 24.1 | 1 | \$613.00 | 58\% | \$257.46 |
| ${ }_{\text {B21 }}+$ LRax 24 MFT | Belimo |  | B215+LROX24MET | 1 | \$656.00 | 58\% | \$275.52 |
| B215+LRX120.3 | Belimo |  | B215+LRX120.3 | 1 | \$330.00 | 58\% | \$138.60 |
| ${ }^{\text {B215+LRX } 120 . S R}$ | Beimo |  | ${ }^{\text {B215 }}$ +LRX120.SR | 1 | \$414.00 | 58\% | \$173.88 |
| B215+LRX24.3 | Beimo |  | ${ }^{\text {B2 } 15+L R \times 24.3}$ | 1 | \$330.00 | 58\% | \$138.60 |
| B215+LRX24.3.S | Beimo |  | B215tLRX24.3.S | 1 | \$353.00 | 58\% | \$148.26 |
| B215+LR×24.3.T | Beimo |  | B215+LRX243-T | 1 | \$281.00 | 58\% | \$118.02 |
| ${ }^{\text {B2154-LR244-MFT }}$ | Belimo |  | B215+LR24.MFT | 1 | \$500.00 | 58\% | \$210.00 |
| B215+LRX24.MET95 | Beimo | 2.way CCV, SS Tim, 1/2", Cv 10 " with Non-Sping Relur,45 in-lb, MFT, 24V | B215+LRX24MET95 | 1 | \$597.00 | 58\% | \$250.74 |
| B215+LRX24.PC | Belimo |  | B215+LRX24.PC | 1 | \$597.00 | 58\% | \$250.74 |
| 8215+LRX24.SR | Beimo |  | ${ }^{\text {B21 } 15+L R X 24-S R}$ | 1 | \$382.00 | 58\% | \$160.44 |
| B215+LRX24-SR-T | Belimo | 2.way CCV, SS Tim, 1/2", CV 10 " with Non-Sping Reuun,45 in-lb, 2.10 Voc, 24V | ${ }^{\text {B215 }}$ LRX24-SR-T | 1 | \$367.00 | 58\% | \$154.14 |
| B215-NRB24.3-T N4 | Belimo |  | ${ }^{8215+N B 8243 . T N 4}$ | 1 | \$562.00 | 58\% | \$236.04 |
|  | Belimo |  | B215+NRB24.3.- N4H | 1 | \$920.00 | 58\% | \$386.40 |
| B215+NRB24-SR-TN4 | Beimo |  | B215+NRB24-SR-TN4 | 1 | \$665.00 | 58\% | \$279.30 |
| B215-NEB24.SR-T TNAH | Beimo |  | B215-NRB24.SR-T NaH | 1 | \$1,023.00 | 58\% | \$429.66 |
|  | Beimo | 2.way CCV, SS Tim, 112", Cv 10 " with Non:Spoing Reumm,70 inibl, MF, ,24V | ${ }^{\text {B215+NSX24-MFT-TN4 }}$ | 1 | \$779.00 | 58\% | \$327.18 |
| 8215-NRX24-MFT-T N4H | Belimo | 2 -way CCV, SS Tim, 12 ", Cv 10 with Non-Sping Reumm,70 in-lb, MFT, 24V | B215-NRX24-MFT-TNAH | 1 | \$1,137.00 | 58\% | \$477.54 |
| B215+TFRB120 | Belimo |  | B215+TRRB120 | 1 | \$412.00 | 58\% | \$173.04 |
|  | Belimo | 2 -way CCV, SS Trim, 112", Cr 10 with Spring Reumm,22 in-lb, Onotit,100 10240 V | ${ }^{\text {B2154TFRB120.S }}$ | 1 | \$471.00 | 58\% | \$197.82 |
| $\mathrm{Br}^{15+7 \mathrm{FR} 824}$ | Beimo |  | ${ }^{\text {B215 }}$ +FRB824 | 1 | \$367.00 | 58\% | \$154.14 |
| ${ }_{\text {B2 }}$ B25+TFRB24.3 | Belimo |  | B2154TFR824.3 | 1 | \$414.00 | 58\% | \$173.88 |
| ${ }^{\text {B215TFRB243.3.S }}$ | Beimo |  | ${ }^{\text {8215+TFR824.3.S }}$ | 1 | \$473.00 | 58\% | \$198.66 |
| B2154TFRB24-S | Belimo | 2.way CCV, SS Tim, 112", cr 10 with Sping Return,22 intb, Onotit,24V | ${ }^{\text {B2154TFPR824. }}$ | 1 | \$422.00 | 58\% | \$177.24 |
| B215+TR8824-SR |  | 2 -way CCV, SS Tim, 12 ", Cv 10 with Spring Reutr,22 in-Ib, 2.10 VDC, 24 V | ${ }^{\text {B215+TRB824-SR }}$ |  | \$445.00 | 58\% | \$186.90 |

The scope of this contract includes the following
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Hicroprocessor-Controiled
Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc, which are Factory-Monted HVAC Equipment.
 commission and which are integra
Troducts by the authorized user. Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel etc.) to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated platforms/systems.
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

Integrated Microprocessor-Based HVAC Equipment;

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he

Factory Installed/Factory-Provided micro-processor--controlled included/controte I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
he contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not imited
A. General Purpose IN, Telecommunicaions, Networking Cabing,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Number |  | Product Descriplion | Ootuct Code | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54 " | List Price | \% Disount | Ns Nat Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B215-TFRB24SRRS | Belmo | 2.way CCV, SS Tim, 121"; Cv 10 with Sping Reutr,22 inilb, 2.10 VDC, 24 V | B215-TFR824-SR-S | , | \$500.00 | 58\% | \$210.00 |
| B215+TERX120 | Belimo | 2.way CCV, SS Tim, ,12", Cv 10 with Sping Reuur, 22 in-lb, Onoft, 100 to 2 20V | B215+TFRX120 | 1 | \$412.00 | 58\% | \$173.04 |
| ${ }^{\text {82154TPRX120.S }}$ | Beimo |  | B215+TRAx120.S | 1 | \$477.00 | 58\% | \$197.82 |
| B215+TFRX24 | Beimo |  | ${ }_{\text {B22 }}^{5}$ +TFPX24 | 1 | \$367.00 | 58\% | \$154.14 |
| B215+TFRX24.3 | Beimo |  | B215+TFRX243 | 1 | \$414.00 | 58\% | \$173.88 |
|  | Beimo |  |  | 1 | \$473.00 | 58\% | \$198.66 |
| ${ }_{\text {B2 } 25+T F R X 24 M F T ~}^{4}$ | Belimo | 2.way CCV, SS Tim, 12\%: Cv 10 with Sping Reuum,22 in-lb, MFT, 24V | B2159TFRX24-MFT | 1 | \$517.00 | 58\% | \$217.14 |
| B2154TFRX24-S | Belimo |  | B215+TFRX24S | 1 | \$422.00 | 58\% | \$177.24 |
| B2154-TRK24.SR | Beimo |  | B2154TFRK24.SR | 1 | \$445.00 | 58\% | \$186.90 |
| B215+TFRX24SR.S | Beimo | 2.way CCV, SS Tim, 1/2", Cv 10 with Sping Reuur,22 in-lb, 2.10 voc, 24 V | B215+TFRX24.SR-S | 1 | \$500.00 | 58\% | \$210.00 |
| B215+TR24.3 US | Beimo | 2 2-way CcV, SS Tim, 112 ", Cv 10" with No.-Spring Reumm, 18 in.lb, Onolit.24V | B215+TR24.3 US | 1 | \$246.00 | 58\% | \$103.32 |
| ${ }^{\text {B215 }}$ +TR24-3300 US | Beimo |  | B215+TR24.3300 Us | 1 | \$262.00 | 58\% | \$110.04 |
| ${ }^{\text {B215+TR24.3500 Us }}$ | Beimo |  | B215+TR24.3500 Us | 1 | \$282.00 | 58\% | \$118.44 |
| ${ }^{\text {B215-TR243.7 US }}$ | Belimo |  | ${ }^{\text {B215-TF243.7 US }}$ | 1 | \$232.00 | 58\% | \$97.44 |
| B215+TR24.SR US | Belimo |  | B215+TR24.4R US | 1 | \$348.00 | 58\% | \$146.16 |
| 8215+TR24-S8300 US | Beimo |  | B215+TR24.SR3300 US | 1 | \$364.00 | 58\% | \$152.88 |
| B215+TR24.S8R500 Us | Beimo |  | B215+TR24.SRF500 US | 1 | \$388.00 | 58\% | \$162.96 |
| B215+TR24.SRRTUS | Beimo |  | B215+TR24.SR.TU | 1 | \$336.00 | 58\% | \$141.12 |
| B2158+LFI20 US | Beimo | 2 -way CCV, Brass Trim, 12", Cv 10 with Spring, 35inlb, Onlof, 120V | B2158+LFI20 US | 1 | \$433.00 | 58\% | \$181.86 |
|  | Beimo |  |  | 1 | \$492.00 | 58\% | \$206.64 |
| B2155+L-22 US | Belimo |  | B2155+L-22 US | 1 | \$406.00 | 58\% | \$170.52 |
| B225B+LF24.3 Us | Belimo | 2 2.way CCV, Brass Tim, 127 ", Cv 10 with Spring, 35in-b, Foating, 24 V |  | 1 | \$511.00 | 58\% | \$214.62 |
|  | Belimo |  |  | 1 | \$463.00 | 58\% | \$194.46 |
| ${ }_{\text {B2 } 2 \text { 28 }+ \text { +224.SR US }}$ | Beimo | 2.way Ccv, Brass Tim, 12\%, Cv 10 with Sping, 35inibl , 2-10V, 24 V | B2158+L-24-SR US | 1 | \$523.00 | 58\% | \$219.66 |
| B2158+LE24.SR.SUS | Beimo |  | ${ }^{\text {B2 } 2158+L-24 . S R-S ~ U S ~}$ | 1 | \$580.00 | 58\% | \$243.60 |
| 82158+LBB120.3 | Beimo |  | B2158+ + RB120.3 | 1 | \$289.00 | 58\% | \$121.38 |
| B2158+LRB120.SR | Beimo |  | B2158+LRB120.SR | 1 | \$416.00 | $58 \%$ | \$174.72 |
| B2158+LRB24-3 | Belimo |  | B2158+LR824.3 | 1 | \$258.00 | 58\% | \$108.36 |
| ${ }^{\text {B2158+LRB243-3 }}$ S | Beimo |  |  | 1 | \$312.00 | 58\% | \$131.04 |
| B225B+LB824.-T | Beimo |  | ${ }^{82158+L B 824-3.7}$ | 1 | \$244.00 | 58\% | \$102.48 |
| 82158+LR824-SR | Beimo |  | 8215B+LR824-SR | 1 | \$384.00 | 58\% | \$161.28 |
| B2158+LR824.SR.T | Beimo |  | 82158+LR824.SR.T | 1 | \$369.00 | 58\% | \$154.98 |
| 82158 + TFRB120 | Belimo |  | B2158 + TFRB 120 | 1 | \$395.00 | 58\% | \$165.90 |
| B2158+TFRB120.S | Belimo |  | B2158+TFRE120-S | 1 | \$451.00 | 58\% | \$189.42 |
| B2158+TFR824 | Beimo | 2.way Ccv, Brass Tim, 12", cr 10 with Spring Reum,222 in-b, Onotit.24V | B2158+TRB824 | 1 | \$350.00 | 58\% | \$147.00 |
| B2158+TFRB24.3 | Beimo |  |  | 1 | \$399.00 | 58\% | \$167.58 |
| $\mathrm{B2} 2158+$ +FRB24 $^{\text {a }}$ S | Beimo |  | B2158 + TFRB24 $4.5^{\text {S }}$ | 1 | \$456.00 | 58\% | \$191.52 |
| B2154 7 TPR824-S | Belimo | 2.way CCV, Brass Tim, 12", Cv 10 with Spring Retur,22 in-b, Onotit, 24V | ${ }^{\text {B2 }} 158$ +TFRB24-S | 1 | \$406.00 | 58\% | \$170.52 |
| ${ }^{82158+T F R B 24-S R}$ | Beimo |  | ${ }^{\text {B2 } 258+\text { TFRB24-SR }}$ | 1 | \$428.00 | 58\% | \$179.76 |
| B2156+TFR824-SR-S | Belimo |  | B2158+TFR824-SR-S | 1 | \$488.00 | 58\% | \$204.96 |
| $\mathrm{B22}^{158+\text { +R24.3 US }}$ | Beimo |  | ${ }^{\text {B2 } 254+T R 243 ~ U S ~}$ | 1 | \$206.00 | 58\% | \$86.52 |
| B2158+TR24-3300 US | Beimo |  | ${ }^{\text {B2/54-TR24,3300 US }}$ | 1 | \$228.00 | 58\% | \$95.76 |
| B2158+TR24.3500 US | Beimo |  | B215B+TR24.3500 US | 1 | \$250.00 | 58\% | \$105.00 |
| 82158+TR24.3.TUS | Beimo |  | 82158+TR24.3.TU | 1 | \$194.00 | 58\% | \$81.48 |
| ${ }^{\text {B2 } 258+\text { Pr24-SR US }}$ | Beimo |  | ${ }^{82} 2158+$ TR24 4 SR US | 1 | \$302.00 | 58\% | \$126.84 |
| ${ }^{\text {B2 } 2158+T R 24-S R 3300 ~ U S ~}$ | Beimo |  | ${ }^{\text {B2 } 258+\text { +T24-SRR300 Us }}$ | 1 | \$322.00 | 58\% | \$135.24 |
| ${ }^{\text {B2 } 258+\text { +R2 }}$-SR 5500 Us | Belimo |  | B2158+TR24-4R550 Us | 1 | \$344.00 | 58\% | \$144.48 |
| B2158+TR24SR-T US | Belimo |  | B2154-TR24-SR-TUS | 1 | \$288.00 | 58\% | \$120.96 |
| ${ }^{\text {B2 } 26+L E 24 ~ U S ~}$ | Belimo | 2.way CCV, SS Tim, 12", Cv 16 with Sping, 35inlb, Onoft, 24 V | ${ }^{\text {B216+LE24 US }}$ | 1 | \$420.00 | 58\% | \$176.40 |
| B216+LF24.3 US | Beimo | 2.way CCV, SS Tim, , 12", crv 16 with Spring, 35in-lb, Floaing, 24V | B216+L-24.3 US | 1 | \$527.00 | 58\% | \$221.34 |
| B216+LF24.3.5 US | Beimo |  |  | 1 | \$584.00 | 58\% | \$245.28 |
|  | Beimo | 2 2way CCV, SS Trim, 12", CV 16 with Spring, 35in-l, MFT, 24 V | B216+LF24M-T US | 1 | \$648.00 | 58\% | \$272.16 |
| B216+LF24-MFT.S US | Beimo |  |  | 1 | \$705.00 | 58\% | \$296.10 |
| B216+LF24.S US | Belimo | 2.way CCV, SS Tim, 12", Cv 16 with Sping, 35inlb, Onlot, 24 V , SW | B216+LF24.S US | 1 | \$477.00 | 58\% | \$200.34 |
| ${ }^{\text {B216+LF24-SR US }}$ | Belimo | 2.way CCV, SS Tim, 12\%; Cv 16 with Sping, 35in-b, 2-10V, 24 V | ${ }^{\text {B216+LF24-SR US }}$ | 1 | \$545.00 | 58\% | \$228.90 |
| B216+LF24-SR.S US | Beimo |  | B216+LE24.SR.S US | 1 | \$602.00 | 58\% | \$252.84 |
| B216+LR824.3 | Belimo | 2.way CCV, SS T Tim, 112", CV16 with Non-Sping Retur,45 in.lb, Onottrifoaing.24V | ${ }^{\text {B216 }}+$ LRB24-3 | 1 | \$295.00 | 58\% | \$123.90 |
| B216+LR824-3.T | Beimo | 2.way CCV, SS T Tim, 112", CV16 with No.-Sping Retur,45 inilb, Onotffifoaing,24V | B2164LR824.3.T | 1 | \$283.00 | 58\% | \$118.86 |
| B216+LR824.SR | Beimo |  | B216+LR824.SR | 1 | \$384.00 | 58\% | \$161.28 |
| ${ }^{\text {B216+LLB24-SR-T }}$ | Belimo |  | B216+LRB24-SR-T | 1 | \$369.00 | 58\% | \$154.98 |
| B216+LR0824.1 | Belimo |  | B216+LROB24-1 | 1 | \$615.00 | 58\% | \$258.30 |
| B216+LRax24-MFT | Belimo |  | B216+LROX24MFT | 1 | \$658.00 | 58\% | \$276.36 |
| B216+LRX24.3 | Beimo | 2.way CCV, SS T Tim, 112", CV16 with No.-Sping Retur,45 inilb, Onotffifoaing,24V | B216+LR224-3 | 1 | \$295.00 | 58\% | \$123.90 |
| B216+LR×24MFT | Beimo |  | ${ }^{\text {B216 }}$ +LRX24MFT | 1 | \$502.00 | 58\% | \$210.84 |
| B216+LRX24.SR | Beimo |  | B216+LRX24.5R | 1 | \$384.00 | 58\% | \$161.28 |
| B216+TFRB120 | Belimo |  | B216+TFRB120 | 1 | \$414.00 | 58\% | \$173.88 |
| B216+TRRB120.S | Beimo |  |  | 1 | \$473.00 | 58\% | \$198.66 |
| ${ }^{\text {B216 }}$ +FRB24 | Beimo |  | B216+TFR824 | 1 | \$369.00 | 58\% | \$154.98 |
| B216+TFRE243 | Beimo |  | B2164TFRB24.3 | 1 | \$416.00 | 58\% | \$174.72 |
| ${ }^{\text {B216 }}$ +TRE824.3.S | Belimo | 2 -way CCV, SS Tim, 12 ", Cv 16 with Sping Reuun, 22 in-lb, Onotufloaing, 24V | ${ }^{\text {B216 }}$ +TFRB24.3.S | 1 | \$475.00 | 58\% | \$199.50 |
| B2164TFR824-S | Belimo |  | B2164TFR824-S | 1 | \$424.00 | 58\% | \$178.08 |
|  | Belimo |  | ${ }^{\text {B216 }}$ +TRB824.SR | 1 | \$447.00 | 58\% | \$187.74 |
| B216+TFRB24SR.S | Belimo |  | ${ }^{\text {B216-TFRB24-SR.S }}$ | 1 | \$502.00 | 58\% | \$210.84 |
| B216+TFRX120 | Beimo |  | B216+TFRX120 | 1 | \$414.00 | 58\% | \$173.88 |
| B216+TFRX120-S | Beimo |  | B216+TFRX120-S | 1 | \$473.00 | 58\% | \$198.66 |
| B216 + TFRX24 $^{\text {a }}$ | Beimo | 2.way CCV, SS Tim, 12 ", Cv 16 with Spring Relum,22 in-lb, Onoftr,24V | ${ }^{8216+T F R X 24}$ | 1 | \$369.00 | 58\% | \$154.98 |
| B216+TFPX24.3 | Baimo | 2.way CCV, SS Tim, 1/2", Cv 16 with Sping Reuun, 22 in-lb, Onotutifloaing,24V | B216+TFPX243 | 1 | \$416.00 | 58\% | \$174.72 |
| B216+TFR24.3.s. | Belimo |  | B216TTFR24.4.S | 1 | \$475.00 | 58\% | \$199.50 |
| ${ }_{\text {B216 }}$ +TFRX24MFT | Belimo | 2.way CCV, SS Tim, 12\%; Cu 16 with Sping Reuum,22 in-lb, MFT, 24V | ${ }_{\text {B21 }}$ +TFRX24-MFT | 1 | \$519.00 | 58\% | \$217.98 |
| B216+TFRX24S | Beimo |  | B216+TFRX24S | 1 | \$424.00 | 58\% | \$178.08 |
| ${ }^{\text {B216+TFR24.4S }}$ | Baimo |  | ${ }^{\text {B216+TFRX24-SR }}$ | 1 | \$447.00 | 58\% | \$187.74 |
| B216+TFRX24SR.S | Baimo | 2.way CCV, SS Trim, 1/2", Cv 16 with Sping Reuur,22 in-lb, 2.10 voc, 24 V | B216+TFRX24.SR.S | 1 | \$502.00 | 58\% | \$210.84 |
| ${ }^{\text {B216+TR24.3 US }}$ | Beimo |  | ${ }^{\text {B216+TR24-3 Us }}$ | 1 | \$290.00 | 58\% | \$121.80 |
|  | Baimo |  | ${ }^{\text {B216 }}$ +TR24.3.7 US | 1 | \$278.00 | 58\% | \$116.76 |
| ${ }^{\text {B216+TF24-SR Us }}$ | Beimo |  | ${ }^{\text {B216 }}$ +TR24-SR US | 1 | \$488.00 | 58\% | \$171.36 |
| B216-TR24.SR.TU | Beimo |  | B216-TR24-SR.TU | 1 | \$396.00 | 58\% | \$166.32 |
| B2168+L-24 US | Beimo | 2-way CCV, Brass Tim, ,12", Cv 16 with Spering, 35in-lb, Onolft, 24 V | B2168 1 LF24 US | 1 | \$408.00 | 58\% | \$171.36 |
| ${ }^{\text {B216B+LF24.3 US }}$ | Beimo |  | ${ }^{\text {B2IEB+LF24,3 US }}$ | 1 | \$513.00 | 58\% | \$215.46 |
| ${ }_{\text {B2188 }}$ +L-24.3.S US | Baimo |  | ${ }_{\text {B216B+LF24.3.S US }}$ | 1 | \$570.00 | 58\% | \$239.40 |
| ${ }^{\text {B22 }}$ 6B+LF24.S US | Beimo |  | ${ }^{\text {B216B+LF24.S US }}$ | 1 | \$465.00 | 58\% | \$195.30 |
| ${ }^{82168+L F 24 . S R ~ U S ~}$ | Beimo | 2.way Cov, Brass Tim, 12", Cv 16 with Sping, 35inilb, $2 \cdot 10 \mathrm{TV}$, 24V | ${ }^{82168+L F 24-S R ~ U S ~}$ | 1 | \$525.00 | 58\% | \$220.50 |
| B2168+LF24.SR.S US | Beimo | 2.way Cov, Brass Timm, 12\%", Cv 16 with Sping, 35inibl, 2-10V, 24V, sw | ${ }^{\text {B2 } 168+L-24 . S R-S ~ U S ~}$ | 1 | \$582.00 | 58\% | \$244.44 |
| B2168+LR824.3 | Beimo |  | B2168+LR824,3 | 1 | \$260.00 | 58\% | \$109.20 |
| B216B+LR8243.T | Baimo |  | ${ }^{\text {B216B }}$ +18824.3.T | 1 | \$246.00 | 58\% | \$103.32 |
| B2168+LR824.SR | Beimo |  | ${ }^{\text {82168+LRB24-SR }}$ | 1 | \$386.00 | 58\% | \$162.12 |
| ${ }^{81} 2188+$ LRB24-SR-T | Baimo |  | B2168+LR824SR-T | 1 | \$371.00 | 58\% | \$155.82 |
| в2168 + TRRB120 | Beimo |  | в2168+TFRB120 | 1 | \$397.00 | 58\% | \$166.74 |
| ${ }^{\text {B2 } 268+\text { + }+ \text { RB120.S }}$ | Beimo |  | ${ }^{\text {B216B }}$ +TFRB 120.S | 1 | \$453.00 | 58\% | \$190.26 |
| B2168+TR8824 | Beimo | 2.way CCV, Brass Tim, 112", Cv 16 with Spring Reumm,22 in-ib, Onotit, 24V | B2168+TRR824 | 1 | \$352.00 | 58\% | \$147.84 |
| ${ }^{\text {B2168 }}$ +TPRB24-3 | Beimo |  |  | 1 | \$401.00 | 58\% | \$168.42 |
| 82168+TFRB24-3.S | Belimo |  | ${ }^{\text {B216B+TFRB24.3.S }}$ | 1 | \$458.00 | 58\% | \$192.36 |

The scope of this contract includes the following
Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Hicroprocessor-Controlled HAC Equipment in a building or faciility. Building Management Systems and Building Control Systems are also subcatgories of Building Automation Systems.
. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc, which are Factory-Monted HVAC Equipment.
 commission and which are integra

- Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pane etc.) to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated platforms/systems.
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he

Factory Installed/Factory-Provided micro-processor--controlled included/controte I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose 1 , Yelecommications, Networking Cabing,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communcate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Number |  | tion | Product Code | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54 " | List Price | \% Disount | Nvs Nat Picice |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ${ }^{\text {B216B+TFPR24-S }}$ | Belimo |  | ${ }^{\text {B2164 }}$ +FRR824-S | 1 | \$408.00 | 58\% | \$171.36 |
| ${ }^{\text {B2168+TFRB24-SR }}$ | Belimo |  | ${ }^{\text {B2168+TFRB24-SR }}$ | 1 | \$430.00 | 58\% | \$180.60 |
| B2168+TFRB24-SR-S | Beimo |  | B2168+TRE824-SR-S | 1 | \$490.00 | 58\% | \$205.80 |
| B2268+TR24.3 US | Beimo |  | B2268+TR243 US | 1 | \$208.00 | 58\% | \$87.36 |
| 82168+TR24.-T U U | Beimo |  | 82168+TR24.3.TU U | 1 | \$196.00 | 58\% | \$82.32 |
| ${ }_{\text {B2168 }}$ +R24-SR US | Beimo |  | ${ }_{\text {B2 } 268+\text { +R24SR US }}$ | 1 | \$304.00 | 58\% | \$127.68 |
| B2168-TR24SR-TUS | Belimo |  | B2168+TF24-SR-TUS | 1 | \$290.00 | 58\% | \$121.80 |
| B217-LF120 US | Belimo |  | B217-LF120 US | 1 | \$477.00 | 58\% | \$200.34 |
| B217+LFI20.S US | Beimo |  | B217+LFI20.S US | 1 | \$541.00 | 58\% | \$227.22 |
| B217+LE24 US | Beimo |  | B217+LF24 US | 1 | \$459.00 | 58\% | \$192.78 |
| B217+LF24.3 US | Beimo | 2-way CCV, SS Tim, 34", Cv 4.77" with Sping, 35in-b, Floaing, 24V | B2174-L24.3 US | 1 | \$564.00 | 58\% | \$236.88 |
| B217+LE24Mft US | Beimo | 2.way CCV, SS Tim, 344 ", Cv $4.7{ }^{7}$ with Sping, 35inlb, MFT, 44 V | B217+LE24M-T US | 1 | \$658.00 | 58\% | \$276.36 |
| B217 +LF24-MFT.S US | Beimo |  | B217 L-F24MFT.SUS | 1 | \$697.00 | 58\% | \$292.74 |
| B217+LF24-S US | Belimo |  | B217+LF24.S US | 1 | \$513.00 | 58\% | \$215.46 |
| B217+LF24-SR US | Belimo | 2.way CCV, ss Trim, 34", Crv 4.7 with Spring, 35in-lb, 2-10, 24V | B217+LF24-SR US | 1 | \$576.00 | 58\% | \$241.92 |
| B217+L-24-SR-S US | Beimo |  | B217+LE24.SR.SU | 1 | \$631.00 | 58\% | \$265.02 |
| B217+LRB120.3 | Baimo |  | B217+LRB120.3 | 1 | \$342.00 | 58\% | \$143.64 |
| B217+LRB120.SR | Beimo |  | B217+LRB120.SR | 1 | \$422.00 | 58\% | \$177.24 |
| B217-LRB24.3 | Beimo |  | B217+LRB24.3 | 1 | \$306.00 | 58\% | \$128.52 |
| B217+LR824.3.S | Baimo |  | B217+LR824.3.S | 1 | \$363.00 | 58\% | \$152.46 |
| B277+LR824.3.T | Beimo |  | B27 7 +LR8243-T | 1 | \$291.00 | 58\% | \$122.22 |
| B217+LR824MFT | Beimo |  | B217+LB824MFT | 1 | \$511.00 | 58\% | \$214.62 |
| B217+LR824.SR | Beimo |  | B217+LR824.SR | 1 | \$391.00 | 58\% | \$164.22 |
| B217-LRB24-SR.T | Belimo |  | B217-LRB24-SR.T | 1 | \$375.00 | 58\% | \$157.50 |
| B217+LLCB243 | Beimo |  | B217+LCCB243 | 1 | \$333.00 | 58\% | \$139.86 |
| B217+LRa824-1 | Beimo |  | B217+LRa824-1 | 1 | \$623.00 | 58\% | \$261.66 |
| B217+LRab24MFT | Belimo |  | B217+LRob24MFT | 1 | \$670.00 | 58\% | \$281.40 |
| B217+LRax24.1 | Beimo |  | ${ }^{\text {B22 }}$ + + LRax 24.1 | 1 | \$623.00 | 58\% | \$261.66 |
| ${ }^{\text {B217+LRax24-MFT }}$ | Belimo |  | B217+LROX24MET | 1 | \$670.00 | 58\% | \$281.40 |
| B217+LRX120.3 | Balimo |  | B217+LLEx120.3 | 1 | \$342.00 | 58\% | \$143.64 |
| ${ }^{\text {B217 }}$ +LR×120.SR | Belimo | 2 -way CCV, SS Tim, 344, CV4.77" with Non-Sping Retur, 45 in-1b, 2-10 Voc, 100 to 240 V | B217+LR×120.SR | 1 | \$422.00 | 58\% | \$177.24 |
| B217+LRX24-3 | Belimo |  | B217+LRX24.3 | 1 | \$306.00 | 58\% | \$128.52 |
| B217+LRX243.S | Beimo |  | B217+LRX24.3.S | 1 | \$363.00 | 58\% | \$152.46 |
| B217+LRX24.4.T | Beimo |  | B217+LRX24-T | 1 | \$291.00 | 58\% | \$122.22 |
| B217+LXX24MeT | Belimo |  | B217+LX24-MFT | 1 | \$511.00 | 58\% | \$214.62 |
| B217+LRX24.MFT95 | Belimo |  | B217+LRX24MET95 | 1 | \$610.00 | 58\% | \$256.20 |
| B217+LRX24.PC | Beimo |  | B217+LRX24.PC | 1 | \$610.00 | 58\% | \$256.20 |
| B217+LRX24.SR | Beimo |  | B217+LRX24-SR | 1 | \$391.00 | 58\% | \$164.22 |
| B217+LRX24.SR-T | Beimo |  | B217+LRX24-SR-T | 1 | \$375.00 | 58\% | \$157.50 |
| 8217-NBB24-3. N 4 | Beimo |  | 8217-NB8243-TN4 | 1 | \$593.00 | 58\% | \$249.06 |
| B217-NRB243.7. NAH | Beimo |  | B217-NRB24.3.TN4H | 1 | \$951.00 | 58\% | \$399.42 |
| B217-NB824-SR-TN4 | Beimo |  | B217 NRB24SRRT T4 | 1 | \$678.00 | 58\% | \$284.76 |
| B217-NB824.SR-T TN4 | Belimo | 2.way CCV, SS Tim, 344 ", Cv 4.7 .7 with Non-Sping Reuum,70 in-lb, 2-10 Voc, 24 V | B217-NNB24.SR-T NaH | 1 | \$1,036.00 | 58\% | \$435.12 |
| B217-NRX24MF-TN4 | Beimo |  | B217-NRK24MF-TN4 | 1 | \$798.00 | 58\% | \$335.16 |
| B217+NBX24-Mf-T ${ }^{\text {N4H }}$ | Beimo |  | B217-NRX24-MFT-TN4H | 1 | \$1,156.00 | 58\% | \$485.52 |
| B217T TFRB120 | Beimo |  |  | 1 | \$449.00 | 58\% | \$188.58 |
| B217+TRRB120.S | Belimo |  | B217-TRRB120.S | 1 | \$504.00 | 58\% | \$211.68 |
| B217+TPR824 | Belimo |  | ${ }^{\text {B217 }}$ TFRB24 | 1 | \$404.00 | 58\% | \$169.68 |
| B2174TFR8243 | Belimo | 2.way CCV, SS Tim, $344^{\prime \prime}$, Cv 4.7 with Spring Retur,22 in-b, Onotutfiraaing,24V | B2174TFR8243 | 1 | \$451.00 | 58\% | \$189.42 |
| B217+TRB824.3.S | Beimo |  | B217+TFRB243.S | 1 | \$509.00 | 58\% | \$213.78 |
| B227+TFRB24-S | Beimo |  | B217+TFRB24-S | 1 | \$463.00 | 58\% | \$194.46 |
| B217+TR8824-SR | Beimo | 2.way CCV, SS Tim, 34", Cv.7.7 with Spring Reuun,22 in-Ib, 2.10 VDC, 24 V | B217+TRB824-SR | 1 | \$484.00 | 58\% | \$203.28 |
| 8217-TFRB24-SR.S | Belimo |  | B217-TrFB824-SR.S | 1 | \$537.00 | 58\% | \$225.54 |
| B217TTFRX 120 | Belimo |  | B217 7 TFRX 120 | 1 | \$449.00 | 58\% | \$188.58 |
| B217+TRAX120.S | Belimo |  | B217+TRAX120.S | 1 | \$504.00 | 58\% | \$211.68 |
| B217+TFRX24 | Beimo |  | ${ }^{\text {B217TFFRX24 }}$ | 1 | \$404.00 | 58\% | \$169.68 |
| B217+TFRX243 | Beimo |  | B217+TFRX243 | 1 | \$451.00 | 58\% | \$189.42 |
| B217+TFR24.4.S | Beimo | 2.way CCV, SS Tim, 34", Cv 4.7 with Spring Retur,22 in-b, O, Onotifirioaing.24V | B217+TFR24.3.S | 1 | \$509.00 | 58\% | \$213.78 |
| B217+TFRX24MFT | Beimo |  | B217+TFRX24-MFT | 1 | \$545.00 | 58\% | \$228.90 |
| ${ }^{\text {B2174 }}$ +FRX24 4 | Belimo |  | ${ }^{\text {82174TfR } 24.5}$ | 1 | \$463.00 | 58\% | \$194.46 |
| ${ }^{\text {B217 }}$ +TFRX24-SR | Belimo |  | ${ }^{\text {B217 }}$ +TRR224-SR | 1 | \$484.00 | 58\% | \$203.28 |
| B217TTFRX24SR-S | Belimo |  | B217+TFRX24-SR-S | 1 | \$537.00 | 58\% | \$225.54 |
| B217+TR24.3 Us | Belimo |  | B217+TR24-3 US | 1 | \$280.00 | 58\% | \$117.60 |
| B217+TR24-3300 Us | Belimo |  | B217+TR24.3300 us | 1 | \$298.00 | 58\% | \$125.16 |
| B217+TR24.3500 Us | Beimo |  | B217+TR24.3500 Us | 1 | \$322.00 | 58\% | \$135.24 |
| ${ }^{\text {B217-TR243-TUS }}$ | Belimo |  | ${ }^{\text {B217-TR243.T U }}$ | 1 | \$268.00 | 58\% | \$112.56 |
| ${ }^{\text {B217 }}$ +TR24-SR Us | Belimo |  | ${ }^{\text {B217 }}$ +TR24.4R Us | 1 | \$364.00 | 58\% | \$152.88 |
| B217+TR24.SR3300 US | Belimo |  | B217+TR24.SR3300 Us | 1 | \$384.00 | 58\% | \$161.28 |
| B217+TR24.SR/500 US | Belimo |  | B217+TR24.SR2500 us | 1 | \$404.00 | 58\% | \$169.68 |
| B217+TR24-SR-TUS | Belimo |  | B217-TR24.SR.TU | 1 | \$352.00 | 58\% | \$147.84 |
| B2178+LF120 US | Belimo | 2.way CCV, Brass Tim, 344 ", Cv 4.7 .7 with Spring, 35in-lb, Onolf, 120V | B217B+LF120 US | 1 | \$469.00 | 58\% | \$196.98 |
| B2178+LFIT10.S US | Belimo |  | B2178+LFITIO.S US | 1 | \$528.00 | 58\% | \$221.76 |
| B2178+LF24 US | Belimo | 2 2way CcV, Brass Tim, 344, Cv 4.7 w with Sping, 35inlv, Onolt, 24 V | B2178+LF24US | 1 | \$445.00 | 58\% | \$186.90 |
| ${ }^{\text {B2178+LF24-3 US }}$ | Beimo | 2.way CCV, Brass Tim, 344 , Cv 4.7 with Spping, 35inilb, Foating, 24V | ${ }^{\text {B2178+LF24.3 US }}$ | 1 | \$551.00 | 58\% | \$231.42 |
| ${ }^{\text {B2178+LIF24-S US }}$ | Baimo |  | ${ }^{\text {B2178+LF24.S US }}$ | 1 | \$500.00 | 58\% | \$210.00 |
| ${ }^{\text {B27 }}$ [8+LF24.SR US | Belimo |  | ${ }^{\text {B2178+LF24-SR US }}$ | 1 | \$564.00 | 58\% | \$236.88 |
| B2178 + LF24.SR.S Us | Beimo | 2.way CCV, Brass Timm, 34", Cv 4.7.7 with Spring, 35inibl, 2.10V, 24V, Sw | B278P+LF24-SR.S US | 1 | \$625.00 | 58\% | \$262.50 |
| B2178+LRB120.3 | Balimo |  | B2778+LRB120-3 | 1 | \$328.00 | 58\% | \$137.76 |
| ${ }^{\text {B27 } 78+L R B 120-S R ~}$ | Beimo |  | B2178+ + RB120-SR | 1 | \$431.00 | 58\% | \$181.02 |
| B2788+LR824.3 | Beimo |  | B2778+LR824.3 | 1 | \$291.00 | 58\% | \$122.22 |
| B2178+LRB243-3 ${ }^{\text {S }}$ | Baimo |  | ${ }^{\text {B2178+LPB24.3.S }}$ | 1 | \$350.00 | 58\% | \$147.00 |
| B2178+LRB824.-T | Beimo |  | B2178+LP824-3.T | 1 | \$279.00 | 58\% | \$117.18 |
| B2178+LR824.SR | Beimo | 2.way Cov, Brass Tim, 344, CV 4.7.7 with No.SSping Reumr,45 in-lb, 2-10 voc, 24V | 82178+LRB24.SR | 1 | \$399.00 | 58\% | \$167.58 |
| B2178+LR824-SR-T | Beimo | 2-way CCV, Brass Tim, 344, Cv 4.7.7 with Non-Sping Reumm,45 in-lb, 2-10 Voc, 24V | B2778+LR824SR-T | 1 | \$386.00 | 58\% | \$162.12 |
| 8278B+TFRB120 | Beimo | 2.way CcV, Brass Tim, 344, Cv 4.7 with Sping Return,22 intb, Onvoft, 10 oto 240 V | 82178 + TFRB120 | 1 | \$431.00 | 58\% | \$181.02 |
| B2178+TFRB120.S | Beimo |  | B2178+TRRB120.S | 1 | \$490.00 | 58\% | \$205.80 |
| B2178+TRB824 | Beimo |  | ${ }^{\text {B2178 }+ \text { TFRB24 }}$ | 1 | \$389.00 | 58\% | \$163.38 |
| B277B+TFRB24-3 | Beimo |  | B217B+TFRB24-3 | 1 | \$437.00 | 58\% | \$183.54 |
| ${ }^{\text {B27 } 78+\text { +FRB24.3.S }}$ | Beimo |  | 82178+TFRB24.3.S | 1 | \$494.00 | 58\% | \$207.48 |
| B2178+TFR824-S | Beimo | 2.way CCV, Brass Tim, 344 , Cv. 4.7 with Spring Reum, 22 in-w, onotit,24V | B2178+TFRB24-S | 1 | \$445.00 | 58\% | \$186.90 |
| ${ }^{\text {B27PB+TFRB24-SR }}$ | Beimo | 2.way CCV, Brass Tim, 344", Cv 4.7 with Sping Return,22 inlb, 2-10 voc, 24V | ${ }^{\text {B27P8+TFRB24-SR }}$ | 1 | \$469.00 | 58\% | \$196.98 |
| B2178+TFRB24-SR.S | Baimo | 2 -way CCV, Brass Timm, 34", CV 4.7.7 with Spring Retum,22 inllb, 2-10 voc, 24V | B2178+TFRB24-SR-S | 1 | \$521.00 | 58\% | \$218.82 |
| B2178+TR24.3 US | Beimo | 2 -way Ccv, Brass Tim, 344, Cv 4.7 with Non.Sping Reumm,18 in.lb, Onoftr,24V | B2178+TR243 US | 1 | \$246.00 | 58\% | \$103.32 |
| ${ }_{\text {B22 }}$ B278+TR24-3300 Us | Belimo |  | ${ }^{\text {B2178+TR24-3300 Us }}$ | 1 | \$262.00 | 58\% | \$110.04 |
| B2178+TR24.3500 US | Beimo | 2 -way CCV, Brass Tim, 344 , Cv4.7 with Non-Spoing Reumm,18 in.lb, Onolt, 24V | B2178+TR24-3500 US | 1 | \$282.00 | 58\% | \$118.44 |
| 82178+TR24.3.TU U | Beimo |  | ${ }^{\text {82178+7TR24.3.7 U }}$ | 1 | \$232.00 | 58\% | \$97.44 |
| B2178+TR24-SR US |  | 2.way CCV, Brass Tim, 344, Cv 4.7 with Non-Sping Reumm, 18 in-lb, 2-10 Vod, 24V | B2178+TR24-SR U |  | \$320.00 | 58\% | \$134.40 |

The scope of this contract includes the following
Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Hicroprocessor-Controlled HAC Equipment in a building or faciility. Building Management Systems and Building Control Systems are also subcatgories of Building Automation Systems.
. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handers, fan coil, unit ventilator, heat pump, remote I/O modules, etc, which are Factory-Mouted HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and , commission and which are integra

- Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel etc.) to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated platforms/systems.
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenance of Integrated Microprocessor-Based HVAC Equipme c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or mainten
Cleans, tests, and balances the Integrated Microprocessor-Controlled HVAC Equipment in accordance with Code Requirements.

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he

Factory Installed/Factory-Provided micro-processor--controlled included/conterote I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not imited to
A. General Purpose I, Telecommications, Networking Cabing,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communcate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Wode Number |  | Prosuct Desalipion | Prodicl Code | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B2178+TR24-SR300 US | Belimo |  | B2178+TR24-SR300 US | Clause 54 " | List price | \% Discoumt | NTS Nal Price |
| B2178+TR24-S8550 Us | Beimo |  | B2178+TR24-SR5500 Us | 1 | \$348.00 | 58\% | \$146.16 |
| B217B+TR24SR-TUS | Beimo |  | B217B+TR24-SR-TUS | 1 | \$305.00 | 58\% | \$128.10 |
| B218+LF120 US | Beimo | 2.way Ccv, SS Tim, 34", Cv7.4.4 with Sping, 35in-b, Onoff, 120V | B218+LF120 US | 1 | \$479.00 | 58\% | \$201.18 |
| ${ }^{\text {B2188LLFI20.S S }}$ | Beimo | 2.way Ccv, SS Tim, 344, Cv7.4 with Sping, 35in-l, Onoft, 120V, sw | B218+L-120.S US | 1 | \$543.00 | 58\% | \$228.06 |
| B218+LF24 US | Beimo |  | B218+LE24 US | 1 | \$461.00 | 58\% | \$193.62 |
| B2284t-24.3 US | Belimo | 2.way CCV, SS Tim, 344, Cv7.4 with Sping, 35in'lb, Foating, 24V | B218+LF24.3 US | 1 | \$566.00 | 58\% | \$237.72 |
| B218+LE24Met US | Belimo |  | B218+LE24MFT US | 1 | \$660.00 | 58\% | \$277.20 |
| B218+LF24MFT-S US | Belimo |  | B218+LF24MET.S US | 1 | \$699.00 | 58\% | \$293.58 |
| B218+L-24.S US | Beimo |  | B218+LF24.S US | 1 | \$515.00 | 58\% | \$216.30 |
| B228+LLF24.SR US | Belimo | 2.way CCV, SS Timi, 34", CV7, 4 w wih Sping, 35in-b, 2.-10V, 24V | ${ }^{\text {2218 }+ \text { LL24-SR US }}$ | 1 | \$578.00 | 58\% | \$242.76 |
| B218+LE24-SR.SU | Beimo | 2.way CCV, SS Tim, 34 ", CV7.4 w with Spring, 35inlb, 2-10V, 24V, Sw | B2184+L24-SR.S US | 1 | \$633.00 | 58\% | \$265.86 |
| B218+LRB120.3 | Belimo | 2.way CCV, SS Tim, 344 \% CV7.4.4 with Non-Sping Reuun,45 in-lb, Onottrfloaing, 120V | B2184+LB120.3 | 1 | \$344.00 | 58\% | \$144.48 |
| B218+LRB120.SR | Belimo |  | B218+LLB120.SR | 1 | \$424.00 | 58\% | \$178.08 |
| B218+LRB24.3 | Belimo |  | B2184+LB8243 | 1 | \$308.00 | 58\% | \$129.36 |
| B218+LR824.3.S | Belimo |  | B218+LR824.3.S | 1 | \$365.00 | 58\% | \$153.30 |
| B2184+LB824.-T | Belimo |  | B2184LRB24-3. ${ }^{\text {T }}$ | 1 | \$293.00 | 58\% | \$123.06 |
| B218+LR824MFT | Beimo |  | B218+LLB824MFT | 1 | \$513.00 | 58\% | \$215.46 |
| 8218+LR824-SR | Belimo | 2.way CCV, SS Tim, 344 ", Cv 7.4 with Non.Spring Reum, 45 in-lb, 2-10 VOC, 24 V | B218+LR824-SR | 1 | \$393.00 | 58\% | \$165.06 |
| B218+LRE24-SR-T | Beimo |  | B218+LR824-SR-T | 1 | \$378.00 | 58\% | \$158.76 |
| B2184+LCB24.3 | Belimo |  | B218+LLCB24.3 | 1 | \$335.00 | 58\% | \$140.70 |
| B2184+Ra824-1 | Beimo | 2.way CcV, SS Tim, 344, Cv7.4 with Non-Sping Return,35 in-lb, Onolit.24V | B218+LRab24-1 | 1 | \$625.00 | 58\% | \$262.50 |
| ${ }^{\text {B218 }+ \text { LRab24M-T }}$ | Belimo |  | B218+LR8824-MFT | 1 | \$672.00 | 58\% | \$282.24 |
| B2184+LRX24.1 | Belimo | 2 -way CCV, SS Tim, 344 ", Cv7.4 with No-Spring Retum,45 in-lb, Onolit,24V | B218+LROX24-1 | 1 | \$625.00 | 58\% | \$262.50 |
| ${ }^{\text {B2 }} 18+$ LRax 24 -MFT | Belimo | 2.way CCV, SS Tim, 344 \% CV7.7.4 with Non-Sping Reuun, 35 in-lb, MFT, 24 V | ${ }^{\text {B2 }} 18+$ LRax 24 -MFT | 1 | \$672.00 | 58\% | \$282.24 |
| B218+LRX120.3 | Belimo |  | B2218+LPx $\times 120.3$ | 1 | \$344.00 | 58\% | \$144.48 |
| ${ }^{\text {B218 }}$ +LRX120.SR | Belimo |  | ${ }^{\text {B218 }}$ +LEX120.SR | 1 | \$424.00 | 58\% | \$178.08 |
| B218+LRX24.3 | Beimo |  | B218+LRX24.3 | 1 | \$308.00 | 58\% | \$129.36 |
| 8218+LR2423.5 | Belimo |  | 8218+LRX24.3.S | 1 | \$365.00 | 58\% | \$153.30 |
| B218+LR×24.4.T | Beimo |  | 8218+LRX24.3.T | 1 | \$293.00 | 58\% | \$123.06 |
| B218+LR24.MFT | Belimo | 2.way CCV, SS Tim, 344 ", Cv 7.4.4 with Non-Sping Reuur,45 in-lb, MFT, 24V | B218+LRX24MFT | 1 | \$513.00 | 58\% | \$215.46 |
| B218+LRX24-MF995 | Belimo |  | B218+LRX24MFT95 | 1 | \$613.00 | 58\% | \$257.46 |
| B218+LRX24.PC | Belimo | 2 -way CCV, SS Tim, 344 , Cv 7.4 with Non-Spring Reuur,45 in-lb, Phaseut, 24 V | B218+LRX24PC | 1 | \$613.00 | 58\% | \$257.46 |
| B218+LRX24SR | Belimo |  | B218+LRX24.SR | 1 | \$393.00 | 58\% | \$165.06 |
| B218+LRX24-SR-T | Belimo |  | ${ }^{\text {B2218 }}$ LRX24-SR-T | 1 | \$378.00 | 58\% | \$158.76 |
| 8218-NBB24-3. T 4 | Belimo |  | ${ }^{\text {B2 } 218+N B 824-3 . ~} \mathrm{~N} 4$ | 1 | \$595.00 | 58\% | \$249.90 |
| ${ }^{8218+N \mathrm{NB} 24.3 .7 \mathrm{~T} 4 \mathrm{H}}$ | Belimo |  | B218+NRB24.3.7NAH | 1 | \$953.00 | 58\% | \$400.26 |
| B218+NRB24-SR.TN4 | Belimo |  | B218+NRB24SR-TN4 | 1 | \$680.00 | 58\% | \$285.60 |
| B218+NB824.SR.TN4H | Beimo | 2.way CCV, SS Tim, 34 ", Cv 7.4.4 with Non.Sping Reumm,70 in-lb, 2-10 voc, 24 V | B218+NB824SR.TN4H | 1 | \$1,038.00 | 58\% | \$435.96 |
| B218+NXX24MFT-TN4 | Belimo | 2.way CCV, SS Tim, 344 ", Cv 7. 4 with Non-Sping Reumm,70 in-lb, MFT, 24V | B218+NXX24MFT-TN4 | 1 | \$800.00 | 58\% | \$336.00 |
| B218-NAR24-MT-T- NAH | Belimo |  | B218+NBX24-MFT-TNAH | 1 | \$1,158.00 | 58\% | \$486.36 |
| ${ }^{\text {B2 } 28+\text { TFRBE } 120}$ | Belimo |  |  | 1 | \$451.00 | 58\% | \$189.42 |
| B218+TRRB120-S | Belimo |  | ${ }^{\text {B218+TREB } 20 . S}$ | 1 | \$506.00 | 58\% | \$212.52 |
| ${ }^{\text {B218 }}$ +7R8824 | Belimo | 2.way CCV, SS Timm, 34", Cv7.4.4 with Sping Reumm,22 in-lb, Onolit,24V | ${ }^{\text {B218 }}$ +FR8824 | 1 | \$406.00 | 58\% | \$170.52 |
| B2184+7FR24.3 | Belimo | 2.way CCV, SS T Tim, 34", Cv7.4 with Sping Reuum,22 in-lb, Onottrfioaing, 24V | B218+7FRB24-3 | 1 | \$453.00 | 58\% | \$190.26 |
|  | Beimo |  |  | 1 | \$511.00 | 58\% | \$214.62 |
| B2218+FRR24.S | Belimo |  | B218+TFRB24S | 1 | \$465.00 | 58\% | \$195.30 |
| ${ }^{\text {B2184 }}$ +7R8224.SR | Belimo | 2.way CCV, SS T Tim, 34 ", CV7 7.4 with Sping Reuum,22 in.lb, 2.10 VDC, 24V | ${ }^{\text {B2184 }}$ +FRB24-SR | 1 | \$486.00 | 58\% | \$204.12 |
| B218+TFRB24SR.S | Belimo | 2.way CCV, SS TTim, 34", CV7 7.4 with Spring Reumm,22 in-Ib, 2.10 VDC, 24 V | B218TTFRB24-SR-S | 1 | \$539.00 | 58\% | \$226.38 |
| B2218+FRXX120 | Belimo |  | B2184+FFX 120 | 1 | \$451.00 | 58\% | \$189.42 |
| B218+TRRX120-S | Belimo | 2-way CCV, SS Tim, 344 , Cv 7.4.4 with Spring Reurn ,22 in-b, Onotit, 100 to 240V | B218+TRRX120.S | 1 | \$506.00 | 58\% | \$212.52 |
| ${ }^{\text {B218+TFRX24 }}$ | Belimo |  | B218-TFRX24 | 1 | \$406.00 | 58\% | \$170.52 |
| B218+TFRX243 | Beimo |  | B218+TFRX24.3 | 1 | \$453.00 | 58\% | \$190.26 |
| ${ }^{\text {B2184TFRX243-S }}$ | Belimo |  |  | 1 | \$511.00 | 58\% | \$214.62 |
| ${ }^{\text {B2184TFFRX24MFT }}$ | Belimo |  | ${ }^{\text {B2184TPFRX24M-T }}$ | 1 | \$547.00 | 58\% | \$229.74 |
| B2218+FFX24.S | Belimo |  | B2184TFRX24-S | 1 | \$465.00 | 58\% | \$195.30 |
| ${ }^{\text {B2184TPRX24.SR }}$ | Belimo | 2.way CCV, SS T Tim, 34 ", Cv7 7.4 with Sping Reumm, 22 in-lb, 2-10 VDC, 24 V | ${ }^{\text {B2184 }}$ - 7 R224-SR | 1 | \$486.00 | 58\% | \$204.12 |
| ${ }^{\text {B218-TFRX24SR-S }}$ | Belimo |  | B218-TFRX24-SR-S | 1 | \$539.00 | 58\% | \$226.38 |
| B218+TR24.3 US | Belimo |  | B218+TR24.3 US | 1 | \$282.00 | 58\% | \$118.44 |
| B2218+TR24-3300 US | Beimo | 2.way CcV, SS Tim, 344 \% Cu7.4 with No.-Sping Return, 18 in-lb, Onolit,24V | B2218+T2443300 US | 1 | \$300.00 | 58\% | \$126.00 |
| B2218+TR24-3500 Us | Belimo |  | B2218+T24-3500 Us | 1 | \$324.00 | 58\% | \$136.08 |
| ${ }^{\text {8218-TR243-T U }}$ | Belimo |  | ${ }^{\text {B218+TR243-T }}$ US | 1 | \$270.00 | 58\% | \$113.40 |
| ${ }^{\text {B2184TT24-SR US }}$ | Belimo | 2 -way CCV, SS Tim, 344 " Cv7 7.4 with Non-Spring Reuum, 18 in-lb, 2-10 Voc, 24V | ${ }^{\text {B218 }}$ +TR24-SR US | 1 | \$366.00 | 58\% | \$153.72 |
| B218+TR24.SR1300 US | Belimo |  | ${ }^{\text {B218+TR24.SR/300 US }}$ | 1 | \$386.00 | 58\% | \$162.12 |
| B218+TR24.SR/500 US | Belimo | 2 -way CCV, SS Tim, 344 ", Cv 7.4 with Non-Spring Reumm, 18 in-Ib, 2-10 Voc, 24 V | B218+TR24-SR/500 Us | 1 | \$406.00 | 58\% | \$170.52 |
| B218+TR24-SR-TUS | Belimo |  | B2218+TR24-SR-TUS | 1 | \$354.00 | 58\% | \$148.68 |
| B2188+LEF120 US | Beimo | 2.way CCV, Brass Tim, 344 \% Cv7 7.4 with Spring, 35in-lb, Onoif, 120V | B2188+LFI20 US | 1 | \$471.00 | 58\% | \$197.82 |
| ${ }^{\text {82 } 288+L F I 20-S ~ U S ~}$ | Belimo |  | ${ }^{\text {B2188 }}$ LLF120.S US | 1 | \$530.00 | 58\% | \$222.60 |
| ${ }^{\text {B22 }} 188+$ LF24US | Beimo |  | ${ }^{\text {B22 }} 188+$ LF24US | 1 | \$447.00 | 58\% | \$187.74 |
| ${ }^{\text {B2184+LF24.3 US }}$ | Belimo | 2.way CCV, Brass Trim, 344, CV77.4 with Sping, 35in-lb, Foating, 24V | ${ }^{\text {B2184 }}$ +L24.3 US | 1 | \$553.00 | 58\% | \$232.26 |
| ${ }^{\text {B2188+LF24-S US }}$ | Belimo | 2 -way CCV, Brass Tim, 344, Cv7.4 4 with Sping, 35in.b, Onnolt, 244 , Sw | ${ }^{\text {B2188+LF24-S }}$ US | 1 | \$502.00 | 58\% | \$210.84 |
| ${ }^{\text {B2188 }}$ +LF24-SR US | Belimo |  | ${ }^{\text {B2188 }}$ +LF24-SR US | 1 | \$566.00 | 58\% | \$237.72 |
| B2188+LF24.SR.S US | Beimo | 2-way CCV, Brass Tim, 34"; Cv7.4 winh Spring, 35in-b, 2-10V, 24V, sw | B2188+LE24.SR.SUS | 1 | \$627.00 | 58\% | \$263.34 |
| B2188+ + L8120.3 | Belimo | 2 -way CCV, Brass Tim, 34", CV7.4 with Non-Spring Reum, 45 inilb, Onotifforating, 120V | B2188+ + LB120.3 | 1 | \$330.00 | 58\% | \$138.60 |
| ${ }^{\text {B2188 }}$ LRB120.SR | Belimo |  | ${ }^{\text {B2 188 }}$ +RB6120.SR | 1 | \$437.00 | 58\% | \$183.54 |
| B2188+LRB24 3 | Belimo |  | B2188 + R824-3 | 1 | \$293.00 | 58\% | \$123.06 |
| ${ }^{\text {B2188+LRB24-3.S }}$ | Belimo |  | ${ }^{\text {B2188+LRB24.3.S }}$ | 1 | \$353.00 | 58\% | \$148.26 |
| ${ }^{\text {B2188 }+ \text { LR8243.T }}$ | Beimo |  | ${ }^{82188+L R B 24-3.7 ~}$ | 1 | \$281.00 | 58\% | \$118.02 |
| 82188+LRB24-SR | Beimo | 2.way CcV, Brass Tim, 344, Cu7.4 with Non-Sping Reutur,45 in-lb, 2-10 voc, 24V | B2188+LRB24-SR | 1 | \$404.00 | 58\% | \$169.68 |
| B2188+LR824-SR-T | Belimo | 2.way CCV, Brass Tim, 344, Cv7.4.4 with Non-Sping Reumm,45 in-b, 2-10 Voc, 24V | 82188+LR824SR-T | 1 | \$391.00 | 58\% | \$164.22 |
| B2188 + TFRB120 | Belimo | 2.way CcV, Brass Tim, 344, Cv7.4.4 with Sping Return,22 in-b, Onotit,100 to 240 V | B2188 + TFRB120 | 1 | \$435.00 | 58\% | \$182.70 |
| B2188+TFRB120.S | Belimo | 2.way CcV, Brass Tim, 344, Cv7.4.4 with Sping Return,22 in-b, Onotht,100 to 240 V | B2188+TFRB120.S | 1 | \$492.00 | 58\% | \$206.64 |
| B2188+TRB824 | Beimo |  | B2188+TRB824 | 1 | \$391.00 | 58\% | \$164.22 |
| $\mathrm{B2} 288+$ TFRB243 $^{\text {a }}$ | Beimo |  | ${ }^{\text {B2188+TFRB24-3 }}$ | 1 | \$439.00 | 58\% | \$184.38 |
| ${ }^{\text {B2188 }}$ +TFRB24-3.S | Belimo |  | ${ }^{\text {B2188+TFRB24-3.S }}$ | 1 | \$496.00 | 58\% | \$208.32 |
| B2184tTFR824-S | Belimo | 2.way CCV, Brass Tim, 344, Cv7.4.4 with Spring Reum, 22 in-w, Onotit, 24V | ${ }^{\text {B2184+TFRE24-S }}$ | 1 | \$447.00 | 58\% | \$187.74 |
| ${ }^{\text {B2188+TFRB24-SR }}$ | Belimo | 2.way CCV, Brass Tim, 34"; Cv7.4.4 with Sping Retum,22 inlb, 2-10 voc, 24V | ${ }^{\text {B2188+TFRB24-SR }}$ | 1 | \$471.00 | 58\% | \$197.82 |
| B2188 + TFRB24-SR-S | Belimo |  | B2188 + TFRB24-SR-S | 1 | \$523.00 | 58\% | \$219.66 |
| B2188+TR24.3 US | Beimo |  | B2188+TR243 US | 1 | \$248.00 | 58\% | \$104.16 |
| B2188+TR24.3300 US | Belimo |  | ${ }^{\text {B2184-TR243/300 US }}$ | 1 | \$264.00 | 58\% | \$110.88 |
| B2188+TR24.3500 Us | Beimo |  | ${ }^{\text {B2184 }}$ +TR24.3/500 US | 1 | \$284.00 | 58\% | \$119.28 |
| B22188+TR24.3.7 U | Beimo |  | ${ }^{\text {B2188+TR24.3.TU }}$ | 1 | \$234.00 | 58\% | \$98.28 |
| B2188+TR24.SR US | Belimo |  | B2188+TR24-SR US | 1 | \$324.00 | 58\% | \$136.08 |
| ${ }^{\text {B2 188 }+ \text { TR24-SR3300 Us }}$ | Belimo | 2.way CCV, Brass Tim, 344, CV7.4 with Non-Sping Retur, 18 in-1b, 2-10 Voc, 24 V | 82188+TR24-SR300 Us | 1 | \$342.00 | 58\% | \$143.64 |
| ${ }^{\text {B2 188+TR24-SR550 US }}$ | Belimo | 2.way CcV, Brass Tim, 344, Cv7.4.4 with on-Sping Reumr,18.1 in-b, 2-10 voc, 24V | ${ }^{\text {B2188+TR24-4RF500 US }}$ | 1 | \$362.00 | 58\% | \$15.04 |
| B2188-TR24SRRTT US | Belimo | 2.way CCV, Brass Tim, 344, Cv7.4 with Non-Sping Reumm, 18 in-1b, 2-10 Voc, 24 V | B2188-TR24-SR.T U | 1 | \$310.00 | 58\% | \$130.20 |
| B219+LF120 US | Belimo |  | B2194LFF20 US | 1 | \$482.00 | 58\% | \$202.44 |

The scope of this contract includes the following
Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated
Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems. Hicroprocessor-Controncd
. Integrated Microprocessor-Controlled HVAC Equipunt such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc, which are Factory-Monted HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and $\quad$ Manage System to allow the Building Automation System or Energy Management System to monitor the performance of these commission and which are integra

- Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pane etc.) to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated platforms/systems.
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, howers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he

Factory Installed/Factory-Provided micro-processor--controlled included/controte I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not imited
A. General Purpose 1 , Telecommications, Networking Cabing,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Model Number |  | Protuct Descripition | duact Code | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54" | Lst Pice | \% Discoumt | Nvs Nel Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B219+LFI20.S US | Belimo | 2.way CCV, SS Tim, 344, Cv 10" with Sping, 35inll, Onolt, 120V, sw | ${ }^{\text {B2199LLF120.S US }}$ | 1 | \$545.00 | 58\% | \$228.90 |
| ${ }^{\text {B219 }}$ +LF24 US | Belimo |  | B219+LF24 US | 1 | \$463.00 | 58\% | \$194.46 |
| B2904t-24.3 US | Belimo |  | B299+LF24.3 US | , | \$568.00 | 58\% | \$238.56 |
| B219+LE24MfT US | Balimo |  | B219+LE24M-T US | 1 | \$662.00 | 58\% | \$278.04 |
| B219+LF24MFT-S US | Balimo |  | B219tLF24MF-SUS | 1 | \$701.00 | 58\% | \$294.42 |
| B219+L-24.S US | Beimo |  | ${ }^{\text {B219+LF24.SUS }}$ | 1 | \$517.00 | 58\% | \$217.14 |
| B229tLL24.SR US | Belimo | 2.way CCV, SS Timm, 34", Cv 10" with Sping, 35in-lb, 2-10V, 24V | B219tLF24SR us | , | \$580.00 | 58\% | \$243.60 |
| B219+LF24-SR.S US | Belimo | 2.way CCV, SS Tim, 34 ", CV 10 with Spring, 35in-lb, 2-10V, 24V, SW | B219+LF24-SR.S US | 1 | \$635.00 | 58\% | \$266.70 |
| B219+LRE120.3 | Belimo |  | B219+LRB120.3 | 1 | \$346.00 | 58\% | \$145.32 |
| B219+LRB120.SR | Belimo |  | B219+LRB120.SR | 1 | \$426.00 | 58\% | \$178.92 |
| B219+LEB24.3 | Belimo |  | B219+LRB24.3 | 1 | \$310.00 | 58\% | \$130.20 |
| 8219+LR824.3.S | Balimo |  | 8219+LR824.3.5 | 1 | \$367.00 | 58\% | \$154.14 |
| B29+LR824.3.T | Belimo |  | B219+LR824.3.T | 1 | \$295.00 | 58\% | \$123.90 |
| B219+LR824MFT | Beimo |  | B219+LR824MFT | 1 | \$515.00 | 58\% | \$216.30 |
| B219+LR824.SR | Belimo |  | B299+LB824.SR | 1 | \$395.00 | 58\% | \$165.90 |
| B229+LRB24-SR-T | Balimo |  | B219+LRB24-SR-T | 1 | \$382.00 | 58\% | \$160.44 |
| B290+LCCB243 | Belimo |  | B219+LCCB243 | 1 | \$337.00 | 58\% | \$141.54 |
| B299+LRa824-1 | Balimo |  | B219+LRa824-1 | 1 | \$627.00 | 58\% | \$263.34 |
| B219+LRob24-M/T | Balimo | 2.way CCV, SS Tim, 34 ", Cr 10 " with No.-Sping Relur,35 in.lb, MFT, 24V | B299+LRob24-MmT | 1 | \$674.00 | 58\% | \$283.08 |
| B219+LRax24-1 | Balimo |  | B299+LRax24-1 | 1 | \$627.00 | 58\% | \$263.34 |
| B219+LRax24MFT | Belimo |  | ${ }^{\text {B2 }} 19+$ LRox 24 -MFT | 1 | \$674.00 | 58\% | \$283.08 |
| 8219+LRX120.3 | Balimo |  | B290+LRX120.3 | 1 | \$346.00 | 58\% | \$145.32 |
| ${ }^{\text {B219 }}$ +LRX120.SR | Belimo |  | ${ }^{\text {B219 }}$ +LRX120.SR | 1 | \$426.00 | 58\% | \$178.92 |
|  | Beimo |  | B219+LRX24-3 | 1 | \$310.00 | 58\% | \$130.20 |
| B219+LRX24.3.5 | Belimo |  | B219+LRX24.3.S | 1 | \$367.00 | 58\% | \$154.14 |
| B219+LR×24.3.T | Beimo |  | B219+LRX24.3.T | 1 | \$295.00 | 58\% | \$123.90 |
| B219+LK×24MFT | Beimo | 2.way CCV, SS Tim, 344 " Cv 10 " with Non-Sping Reuun,45 in-lb, MFT, 24V | B229+LRX24MFT | 1 | \$515.00 | 58\% | \$216.30 |
| B219+LK 2 24.MFT95 | Belimo | 2.way CCV, SS Tim, 34 ", CV 10 " with Non-Sping Reuur,45 in-lb, MFT, 24V | B219+LRX24MET95 | 1 | \$615.00 | 58\% | \$258.30 |
| B219+LRX24.PC | Belimo |  | B219+LRX24PC | 1 | \$615.00 | 58\% | \$258.30 |
| B299+LRX24.SR | Beimo |  | B299+LRX24.SR | 1 | \$395.00 | 58\% | \$165.90 |
| B229 L LR24-SR-T | Belimo | 2.way CCV, SS Trim, 34 ", Cr 10 " with Non-Spring Reuur,45 in-Ib, 2.10 VDC, 24 V | B219+LRX24.SR-T | 1 | \$382.00 | 58\% | \$160.44 |
| B219+N8B24-3.TN4 | Belimo |  | B219+NRB24.3T $\mathrm{N4}$ | 1 | \$597.00 | 58\% | \$250.74 |
| B219+NB824.3.T NaH | Beimo |  | B219-NB824.3.T NAH | 1 | \$955.00 | 58\% | \$401.10 |
| B219+NB824.SR-TN4 | Belimo |  | B219+NB824SR-TN4 | 1 | \$682.00 | 58\% | \$286.44 |
| 8299-NBB24-SR-T N4H | Belimo | 2.way CCV, SS Tim, 344 ", Cv 10 with Non-Sping Reeum,70 in-b, ,2-10 voc, 24V | B219+NB824.SR.T T N4H | 1 | \$1,040.00 | 58\% | \$436.80 |
| B299+NRX24-MET-TN4 | Beimo | 2.way CCV, SS Tim, 34 ", Cv 10 " with Non.Sping Relum,70 in-lb, MFT, 24V | B219+NR×24MFT.TN4 | 1 | \$802.00 | 58\% | \$336.84 |
| B219+NKX24-MFT-TN4H | Beimo |  | B219+NRX24-MFT-TNAH | 1 | \$1,160.00 | 58\% | \$487.20 |
| B219+TFRB120 | Belimo | 2.way CCV, SS Trim, 344, CV 10 with Sping Relurn,22 in-lb, Onoft, 100 to 2 20V | B299+TFRB120 | 1 | \$453.00 | 58\% | \$190.26 |
| B219+TR8B120-S | Beimo |  | B219+TRRB120.S | 1 | \$509.00 | 58\% | \$213.78 |
| ${ }^{\text {B2 } 19 \text { TFFRB24 }}$ | Beimo | 2.way CCV, SS Tim, 344, Cv 10 with Sping Reumr,22 in-lb, Onolit,24V | B219TTFRB24 | 1 | \$408.00 | 58\% | \$171.36 |
| B21997FR8243 | Beimo | 2 -way CCV, SS Tim, 344 \% Cv 10 with Sping Reutr,22 in-lb, Onotiffioaing,24V | B21997FR824-3 | 1 | \$456.00 | 58\% | \$191.52 |
| B219+TFR824.3.S | Belimo | 2.way CCV, SS Tim, 344 , Cv 10 with Sping Reuum, 22 in-lb, Onottrfioaing,24V | B219+TFR8243.S | 1 | \$513.00 | 58\% | \$215.46 |
| B2194TFR824-S | Belimo | 2.way CCV, SS Tim, 34, Cv 10 with Sping Return,22 in-lb, Onotit,24V | B2194TFR824-S | 1 | \$467.00 | 58\% | \$196.14 |
| ${ }^{\text {B29 }}$ 9TFRB24-SR | Belimo | 2.way CCV, SS Trim, 34 ", Cv 10 with Sping Reumm,22 in-lb, 2.10 V vC, $24 \mathrm{4V}$ | ${ }^{\text {82194TFRB24-SR }}$ | 1 | \$488.00 | 58\% | \$204.96 |
| B29 9 TTFRB24SRR-S | Beimo | 2.way CCV, SS Tim, 344 ", Cv 10 with Sping Reuur,22 in-lb, 2.10 VCC, 24 V | B219+TFR824-SR-S | 1 | \$541.00 | 58\% | \$227.22 |
| B219+TFRX 120 | Beimo | 2.way CCV, SS Tim, 344 ", Cv 10 with Sping Relum,22 in-lb, onotr, 100 to 2 20V | B21997FPX 120 | 1 | \$453.00 | 58\% | \$190.26 |
| B219+TRRX120.S | Beimo |  | B219+TRAX120.S | 1 | \$509.00 | 58\% | \$213.78 |
| ${ }^{\text {B219 }}$ TFRX24 | Belimo | 2.way CCV, SS Tim, 34, Cv 10 with Sping Reumm,22 in-lb, Onolit,24V |  | 1 | \$408.00 | 58\% | \$171.36 |
| B2194TFRX24.3 | Belimo | 2.way CCV, SS Trim, 344 : Cv 10 with Sping Reutr,22 in-lb, Onottrfioaing,24V | B299+TFRX243 | 1 | \$456.00 | 58\% | \$191.52 |
| B219TfRX24.3.S | Beimo | 2.way CCV, SS Trim, 344 ; Cv 10 with Sping Relum,22 in-Ib, Onotitfioaing,24V | B219TfRK24.3.S | 1 | \$513.00 | 58\% | \$215.46 |
| B219 TFRX 24 -MFT $^{\text {a }}$ | Belimo | 2.way CCV, SS Tim, 34"; Cv 10 with Sping Reuun,22 in-lb, MFT, 24V | B219 TFRX24-MFT $^{\text {a }}$ | 1 | \$549.00 | 58\% | \$230.58 |
| B299+TRX24S | Belimo |  | B219+TFRX24.S | 1 | \$467.00 | 58\% | \$196.14 |
|  | Beimo | 2.way CCV, SS Tim, $344 \%$ Cr 10 with Sping Relum,22 in-lb, 2-10 VDC, 24V | ${ }^{\text {B219+7FR24.SR }}$ | 1 | \$488.00 | 58\% | \$204.96 |
| B219+TFRX24SR-S | Beimo |  | B219-TFRX24-SR-S | 1 | \$541.00 | 58\% | \$227.22 |
| ${ }^{\text {B219+TR24-3 }}$ US | Beimo |  | B219+TR24-3 US | 1 | \$284.00 | 58\% | \$119.28 |
| B219+TR24.3300 US | Belimo |  | B219+TR24-3300 US | 1 | \$302.00 | 58\% | \$126.84 |
| B219+TR24.3500 Us | Beimo |  | B219+TR24.3500 US | 1 | \$328.00 | 58\% | \$137.76 |
|  | Beimo | 2.way Ccv, SS Tim, 344, Cv 10" with No.-Spoing Reumm,18 in.lb, Onotit.24V | B219+TR24.3.TUS | 1 | \$272.00 | 58\% | \$114.24 |
| B219TF24.4R US | Belimo |  | B219TF24.4R us | 1 | \$373.00 | 58\% | \$156.66 |
| B219TTR24-SR300 U | Beimo |  | B219+TR24-S83300 US | 1 | \$390.00 | 58\% | \$163.80 |
| ${ }^{\text {B219+TR24-SR5500 US }}$ | Beimo |  | B219+TR24-SR5500 US | 1 | \$410.00 | 58\% | \$172.20 |
| B219-TR24-SR-TUS | Beimo |  | B2199TR24-SR-TUS | 1 | \$358.00 | 58\% | \$150.36 |
| B2198+LFI20 US | Belimo | 2.way CCV, Brass Tim, 344 , Cv 10 with Sping, 35in-lb, Onotit, 120V | B2198+LFI20 US | 1 | \$473.00 | 58\% | \$198.66 |
| ${ }_{\text {B2198 }}$ +LFI20.S US | Belimo | 2 -way CCV, Brass Tim, 344 : Cr 10 with Spring, 35in-b, OnJoft, 120V, SW | B2198+LFI20.S US | 1 | \$532.00 | 58\% | \$223.44 |
| B2198tL-24 US | Beimo | 2-way CCV, Brass Tim, 34", CV 10 with Spring, 35in-lb, onvolt, 24 V | B2198tLL24 US | 1 | \$449.00 | 58\% | \$188.58 |
| B2198+LE24.3 US | Belimo | 2 -way CCV, Brass Trim, 344 ", Cv 10 with Spring, 35in-l, Floaing, 24 V | B2198+LF24.3 US | 1 | \$555.00 | 58\% | \$233.10 |
| ${ }^{\text {82198+LF24.S US }}$ | Beimo |  | ${ }^{\text {B2198+LI24.S US }}$ | 1 | \$504.00 | 58\% | \$211.68 |
| ${ }^{\text {B2198 }}$ +LF24.SR US | Belimo | 2-way CCV, Brass Tim, 344, CV 10 with Spping, 35inllv, 2-10V, 24 V | B2198 1 L-24.SR US | 1 | \$568.00 | 58\% | \$238.56 |
| B2198+LLF24-SR.S US | Beimo | 2 2.way CCV, Brass Tim, 344, Cv 10 with Sping, 35in-b, 2-10V, 24V, sw | B2198+LF24-SR-S US | 1 | \$629.00 | 58\% | \$264.18 |
| B2198+LRB120.3 | Beimo |  | B2198+ + RB120:3 | 1 | \$332.00 | 58\% | \$139.44 |
| B2198+LRB120.SR | Beimo |  | B2198+LRB120.SR | 1 | \$439.00 | 58\% | \$184.38 |
| B298E+LB824-3 | Beimo |  | B2198 + LR824 3 | 1 | \$295.00 | 58\% | \$123.90 |
| ${ }^{\text {82198 }}$ +LB824.3. S | Beimo |  | ${ }^{\text {B2198 }}$ +LB8243. S | 1 | \$355.00 | 58\% | \$149.10 |
| B2198+LRB24.3.T | Beimo |  | ${ }^{\text {82198 }}$ +LB824.3.T | 1 | \$283.00 | 58\% | \$118.86 |
| B2198+LR824.SR | Beimo |  | 82198+LRB24-SR | 1 | \$406.00 | 58\% | \$170.52 |
| B2198+LRB24-SR-T | Beimo |  | B2198+LR824SR.T | 1 | \$393.00 | 58\% | \$165.06 |
| B2198+TFRB120 | Beimo |  | B2198+7FRB120 | 1 | \$437.00 | 58\% | \$183.54 |
| B2198+TFRB120.S | Beimo |  | B2198+TRRB120.S | 1 | \$494.00 | 58\% | \$207.48 |
|  | Baimo | 2 2.way CCV, Brass Tim, 344 , Cv 10 with Sping Reuum,22 in.lb, Onoti, 24 V |  | 1 | \$393.00 | 58\% | \$165.06 |
| ${ }^{\text {B2 } 198+\text { TfR8824-3 }}$ | Beimo |  | ${ }^{\text {B2 }}$ 984+TFRB24-3 | 1 | \$441.00 | 58\% | \$185.22 |
| B2988+TFB824-3.S | Baimo | 2.way CCV, Brass Tim, 344, Cv 10 with Sping Reumm,22 in-lb, Onoutifleaing,24V | B2198 + TFRB24 $^{\text {a }}$ S | 1 | \$498.00 | 58\% | \$209.16 |
| B2194+TFR824-S | Baimo | 2.way CcV, Brass Trim, 344 ", Cv 10 with Spring Retum,22 in-b, Onofit, 24V | B2194+TFR824-S | 1 | \$449.00 | 58\% | \$188.58 |
| ${ }_{\text {B2198 }}$ +FRB824-SR | Beimo | 2.way CcV, Brass Tim, 344, Cv 10 with Sping Reeum, 22 in-lb, 2-10 voc, 24V | B2198+TRR824-SR | 1 | \$473.00 | 58\% | \$198.66 |
| B2198+TRBE24-SR.S | Beimo |  | B2198+TFRB24-SR.S | 1 | \$525.00 | 58\% | \$220.50 |
| B2198+TR24.3 US | Beimo |  | B2198+TR24-3 US | 1 | \$250.00 | 58\% | \$105.00 |
| ${ }^{\text {B2 }} 198 \mathrm{~T}+\mathrm{TR24-3300} \mathrm{Us}$ | ${ }^{\text {Beimo }}$ |  | ${ }^{\text {B2 }}$ 198+TR243300 Us | 1 | \$266.00 | 58\% | \$111.72 |
| ${ }^{\text {B2 }} 198 \mathrm{~T}+\mathrm{T} 24.3 .350$ Us | ${ }^{\text {Baimo }}$ |  | ${ }^{\text {B2 } 198+\text { +R2433500 Us }}$ | 1 | \$286.00 | 58\% | \$120.12 |
| ${ }^{\text {B2198 }}$ +TR24.3.T US | ${ }^{\text {Baimo }}$ |  | 82198+TR24.3.TU U | 1 | \$236.00 | 58\% | \$99.12 |
| B2198+TR24.SR US | Beimo |  | ${ }^{\text {B2 } 198+\text { +r24-SR U }}$ | 1 | \$328.00 | 58\% | \$137.76 |
| 82198+TR24.S83300 US | Beimo |  | $\mathrm{B2} 2198+$ +R24-SR330 US $^{\text {a }}$ | 1 | \$344.00 | 58\% | \$144.48 |
| ${ }^{\text {B2198+TR24.S8.500 US }}$ | Beimo |  | ${ }^{\text {B2 } 298+\text { +T2 } 2 \text {-SR } 5500 ~ U S ~}$ | 1 | \$364.00 | 58\% | \$152.88 |
| B2198TTR24-SR-TUS | Beimo |  | B2198+TR24SR-TUS | 1 | \$312.00 | 58\% | \$131.04 |
| ${ }^{\text {B2204LFI20 US }}$ | Beimo | 2.way CCV, SS Timim, 34"; Cv 14 with Sping, 35in.b. Onofif, 120 V | ${ }^{\text {B220 LLFI20 U }}$ | 1 | \$484.00 | 58\% | \$203.28 |
| ${ }^{\text {B200 LFFI20.S US }}$ | Baimo | 2.way CCV, SS Tim, 34", Cr 14 with Spring, 35inibl, Onofif, 120V, SW | ${ }^{\text {B200 L-LI20.S U }}$ | 1 | \$547.00 | 58\% | \$229.74 |
| 8220+LF24 US | Beimo | 2.way Cov, SS T Tim, 34", Cv 14 with Sping, 35inlb, Onoft, 24 V | ${ }^{\text {B220+LF24 US }}$ | 1 | \$465.00 | 58\% | \$195.30 |
| B220+LF24.3 Us | Baimo | 2.way CCV, SS Tim, 344, Cr 14 with Sping, 35inlb, Floaing, 24V | B220+LF24.3 Us | 1 | \$570.00 | 58\% | \$239.40 |
| B220+LF24Mft US | Belimo | 2.way CCV, SS Tim, 344 ; CV 14 with Spring, 35in-lb, MFT, 24 V | B220+LE24MFT US | 1 | \$665.00 | 58\% | \$279.30 |
| B220+LF24.MT-S S | Beimo | 2 2.way CCV, SS Tim, 344, CV 14 w with Spring, 3Sin-b, MFT, 24 V , SW | ${ }^{\text {B220+LF24MFT-SUS }}$ | 1 | \$703.00 | 58\% | \$295.26 |

The scope of this contract includes the following
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated icroprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equpent such as Chillers, Rooftop Units, Boilers, Air Handers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory - Mouded IV Equipment.
 commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
Integrated BAS/EMS/IItegrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pane (HAP), and/or other similiar device, which utiize certain proiocis (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he

Factory Installed/Factory-Provided micro-processor--controlled included/controte I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purposen, Telecommumicaions, Networkng Cabing,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Number |  | Protuct Dosctiplion | Oituct Code | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54 " | List Price | \% Disount | Ns Nat Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B220+LF24-S US | Belimo | 2.way CCV, SS Tim, 34", Cv 14 with Sping, 35in-b, Onotit, 24V, SW | B220+LF24.S US | 1 | \$519.00 | 58\% | \$217.98 |
| ${ }^{\text {B22OOLL24-SR US }}$ | Belimo | 2.way CCV, SS Tim, $344^{\prime \prime}$, CV 14 with Sping, 35inlb, 2 -10V, 24 V | ${ }^{\text {B20OLLF24.SR US }}$ | 1 | \$582.00 | 58\% | \$244.44 |
| B2200+L-24-SR-S US | Beimo |  | B220+L-24-SR.S U | 1 | \$640.00 | 58\% | \$268.80 |
| B220+LRB120.3 | Belimo |  | B220+LRB120.3 | 1 | \$348.00 | 58\% | \$146.16 |
| B220+LRB120.SR | Beimo |  | B220+LRB120.SR | 1 | \$428.00 | 58\% | \$179.76 |
| 8220+LRB24 ${ }^{\text {a }}$ | Beimo |  | 8220+LRB24.3 | 1 | \$312.00 | 58\% | \$131.04 |
| B220+LR824.3.S | Beimo | 2.way CCV, SS Tim, 34 ", CV 14 with No.-Sping Retur,45 inilb, Onotiffioaing,24V | B220+LB824.3.S | 1 | \$369.00 | 58\% | \$154.98 |
| B220+LB824.3.T | Beimo |  | B220+LR824.3.T | 1 | \$297.00 | 58\% | \$124.74 |
| ${ }^{\text {B220+LRB24MFT }}$ | Beimo |  | B220+LR824MFT | 1 | \$517.00 | 58\% | \$217.14 |
| B220+LR824.SR | Beimo |  | B220+LR824.SR | 1 | \$397.00 | 58\% | \$166.74 |
| B220-LLR844.SR-T | Beimo |  | ${ }^{\text {B220OLRB24.SRRT }}$ | 1 | \$384.00 | 58\% | \$161.28 |
| B220+LRCB243 | Beimo |  | B220+LLCB24.3 | 1 | \$339.00 | 58\% | \$142.38 |
| B220+LRa824-1 | Beimo |  | B220+LR8824-1 | 1 | \$629.00 | 58\% | \$264.18 |
| B220+LR8824-MFT | Beimo |  | B220+LROB24-MFT $^{\text {a }}$ | 1 | \$676.00 | 58\% | \$283.92 |
| B220+LRax24-1 | Belimo | 2.way CCV, SS Tim, 344 ", CV1 14 with Non-Sping Reumm,45 in-lb, OnJoft,24V | B220-trax 24.1 | 1 | \$629.00 | 58\% | \$264.18 |
| ${ }^{\text {B220+LRax24-MFT }}$ | Belimo | 2.way CCV, SS Tim, 344 , Cv 14 with Non-Spring Reeur,35 in-b, MmF, ,24V | B220+LROX24MET | 1 | \$676.00 | 58\% | \$283.92 |
| B220+tRx $\times 120.3$ | Beimo |  | B220+LRX120.3 | 1 | \$348.00 | 58\% | \$146.16 |
| ${ }^{\text {B200 LLX } 120 . S R}$ | Beimo |  | ${ }^{\text {B220+LPx } 120 . S R}$ | 1 | \$428.00 | 58\% | \$179.76 |
| B220+tRx24.3 | Beimo |  | ${ }^{\text {B220+tRX24.3 }}$ | 1 | \$348.00 | 58\% | \$146.16 |
| B220+LRX243.s | Beimo |  | B220+LRX24.3.S | 1 | \$369.00 | 58\% | \$154.98 |
| B220+LRX24.3.T | Belimo | 2.way CCV, SS Tim, 344 ; Cv 14 with Spring Reutr,45 in-lb, Onotifflioaing,24V | B220+LRX243-T | 1 | \$297.00 | 58\% | \$124.74 |
|  | Beimo | 2.way CCV, SS Tim, 344 ", Cr 14 with Non-Sping Reumm,45 in-lb, MFT, 24V |  | 1 | \$517.00 | 58\% | \$217.14 |
| B220+LRX24.MFT95 | Beimo | 2.way CCV, SS Tim, 344 ", Cr 14 with Non-Sping Reumm,45 in-lb, MFT, 24 V | B220+LRX24MET95 | 1 | \$617.00 | 58\% | \$259.14 |
| B220+LRX24.PC | Beimo |  | B220+LRX24.PC | 1 | \$617.00 | 58\% | \$259.14 |
| B220+LRX24.SR | Belimo |  | B220+LRX24.SR | 1 | \$428.00 | 58\% | \$179.76 |
| B220+LRX24-SR-T | Beimo |  | B2200LRX24-SR.T | 1 | \$384.00 | 58\% | \$161.28 |
| 82200+NB824.3. N 4 | Beimo | 2.way CCV, SS T Tim, 34", CV 14 with No.-Sping Retur,70 in-lb, Onotffifoaing,24V | ${ }^{\text {B22O+NB624-3. } \mathrm{Na}}$ | 1 | \$602.00 | 58\% | \$252.84 |
| B220+NB824.3.T NAH | Beimo |  | B220+NRB24.3.7N4H | 1 | \$960.00 | 58\% | \$403.20 |
| B220+NB824.SR-TN4 | Beimo |  | B220+NRB24-SR-TN4 | 1 | \$686.00 | 58\% | \$288.12 |
| B220+NB824.SR-TN4H | Beimo |  | B220+NB824SR-TN4H | 1 | \$1,044.00 | 58\% | \$438.48 |
| B220+NK24-MFT.TN4 | Belimo | 2.way CCV, SS Tim, 344 ", Cv 14 with Non-Sping Reeum,70 in-b, M, MF, ,24V | B220+NX244MFT-TN4 | 1 | \$806.00 | 58\% | \$338.52 |
| B220+NRX24-MF-T T N4 | Beimo |  | B22O+NBX24-MFT-TN4H | 1 | \$1,164.00 | 58\% | \$488.88 |
| 8220才TFRB120 | Belimo |  | 8220+TFRB120 | 1 | \$456.00 | 58\% | \$191.52 |
| B220+TRRB120-S | Belimo |  | 8220+TRRB120.S | 1 | \$511.00 | 58\% | \$214.62 |
| ${ }^{\text {B220+TFRB24 }}$ | Belimo | 2.way CCV, SS Tim, 344, Cv 14 with Sping Reeurn,22 in-lb, Onolit,24V | B220+TFRB24 | 1 | \$410.00 | 58\% | \$172.20 |
| B220+TFR8243 | Beimo |  | B220+TFR8243 | 1 | \$463.00 | 58\% | \$194.46 |
|  | Beimo |  | B220+TFB8243.S $^{\text {S }}$ | 1 | \$517.00 | 58\% | \$217.14 |
| B220+TFR824-S | Beimo | 2.way CcV, SS Tim, 34, Cov 14 with Spring Reumm,22 in-lb, Onolit.24V | B220+TFR824-S | 1 | \$469.00 | 58\% | \$196.98 |
| ${ }^{\text {B22OTFRB24.SR }}$ | Beimo | 2.way CCV, SS Tim, 344 " Cv 14 with Sping Reutm, 22 inilb, 2.10 V VC, $24 \mathrm{4V}$ | ${ }^{\text {B220+TFRB24.SR }}$ | 1 | \$490.00 | 58\% | \$205.80 |
| ${ }^{\text {B220 TFFRB24-SR-S }}$ | Belimo | 2.way CCV, SS Tim, 344 , CV 14 with Sping Reumn,22 in-lb, 2.10 VDC, 24 V | B220-TFRB24-SR.S | 1 | \$543.00 | 58\% | \$228.06 |
| B2200+TFXX120 | Belimo | 2 2.way CCV, SS Trim, 344 , Cr 14 with Spring Reutm,22 in-lb, Onotit,100 10240 V | B220+TFRX 120 | 1 | \$456.00 | 58\% | \$191.52 |
| 8220+TRXX120.S | Belimo |  | B220+TRRX120.S | 1 | \$511.00 | 58\% | \$214.62 |
| B220+TFRX24 | Belimo |  | B220+TFRX24 | 1 | \$410.00 | 58\% | \$172.20 |
| в2200+fFR24.3 | Beimo | 2.way CCV, SS Trim, $344 ;$ | B2200tFRX24.3 | 1 | \$463.00 | 58\% | \$194.46 |
|  | Beimo | 2-way CCV, SS Trim, 344, |  | 1 | \$517.00 | 58\% | \$217.14 |
| ${ }_{\text {B220 }}$ TFRX24MFT | Beimo |  | ${ }^{\text {B220+TFRX24-MFT }}$ | 1 | \$551.00 | 58\% | \$231.42 |
| B220+TFFX24-S | Belimo |  | B220+TFFX24.S | 1 | \$469.00 | 58\% | \$196.98 |
| ${ }^{\text {2200+TFR24.SR }}$ | Belimo | 2.way CCV, SS Tim, 34 ", Cv 14 with Sping Reutr,22 in-lb, 2.10 voc, 24 V | B220+TRK24.SR | 1 | \$490.00 | 58\% | \$205.80 |
| B220+TFR24.SR-S | Belimo |  | B220-TFRX24-SR.S | 1 | \$543.00 | 58\% | \$228.06 |
| $\mathrm{B}^{\text {220+TR24.3 }}$ US | Beimo |  | B220+TR24-3 US | 1 | \$286.00 | 58\% | \$120.12 |
| B220+TR24.3300 Us | Beimo |  | B220+TR24.3300 Us | 1 | \$305.00 | 58\% | \$128.10 |
| B220+TR24.3500 Us | Beimo |  | B220+TR24.3500 Us | 1 | \$330.00 | 58\% | \$138.60 |
| ${ }_{\text {B220+TR243-T U }}$ | Beimo |  | ${ }^{\text {B220+TR24.3.7 us }}$ | 1 | \$274.00 | 58\% | \$115.08 |
| $\mathrm{B} 220+$ Tr24 $^{\text {SR us }}$ | Belimo |  | ${ }^{\text {B220+TR24.SR US }}$ | 1 | \$375.00 | 58\% | \$157.50 |
| B220+TR24.SR300 Us | Belimo | 2 -way CCV, SS Trim, 344 , Cr 14 with Non-Sping Reum, 18 in-ib,, 2.10 voc, 24 V | B220+TR24.SR330 US | 1 | \$392.00 | 58\% | \$164.64 |
| B220+TR24.SR/500 Us | Belimo |  | 8220+TR24.SR/500 us | 1 | \$412.00 | 58\% | \$173.04 |
| B220+TR24-SR-TUS | Beimo | 2.way CCV, SS TTim, 344 ", Cr 14 with Non-Sping Reumm,18 in-lb, 2.10 voc, 24 VV | B220-TR24-SR.TU | 1 | \$360.00 | 58\% | \$151.20 |
| B2208+LEF120 US | Beimo | 2.way CCV, Brass Trim, 344 ", Cv 14 with Spring, 35in-lb, Onoff, 120V | B2208+LFF120 US | 1 | \$475.00 | 58\% | \$199.50 |
| B2208+LFI20.S US | Beimo | 2-way CCV, Brass Tim, 344 " OV 14 with Spring, 35in-lb, Onloft, 120V, Sw | B220B+LFI20.S US | 1 | \$535.00 | 58\% | \$224.70 |
| B2208+LF24US | Beimo |  | B2208 + L224 U | 1 | \$451.00 | 58\% | \$189.42 |
| ${ }^{\text {B2204 }}$ LF24.3 US | Belimo | 2.way CCV, Brass Tim, 344 , Cv 14 with Sping, 35in-b, Fioaing, 24 V | ${ }^{\text {B2004 }+ \text { L2 } 24.3}$ US | 1 | \$557.00 | 58\% | \$233.94 |
| ${ }^{\text {B2208 }}$ +L24-S US | Belimo |  |  | 1 | \$506.00 | 58\% | \$212.52 |
| ${ }^{\text {B220B }+ \text { L2 } 24 . S R ~ U S ~}$ | Belimo | 2-way CCV, Brass Timm, 34", Cv 14 with Spping, 35inlv, 2-10, 24 V | B2208+L-24-SR U | 1 | \$570.00 | 58\% | \$239.40 |
| B2208tLF24.SR.S US | Belimo | 2.way ccv, Brass Tim, 344, Cv 14 with Sping, 35in-lb, 2-10V, 24V, sw | B2208tLF24-SR.S US | 1 | \$633.00 | 58\% | \$265.86 |
| B2208+LRB120.3 | Belimo | 2 -way CCV, Brass Tim, 34", Cv 14 with Non.SPping Reum, 45 inibl , Onotiffroaing, 120V | B2208+LRB120:3 | 1 | \$336.00 | 58\% | \$141.12 |
| B2208+LRB120-SR | Beimo | 2.way Cov, Brass Tim, 344, Cv 14 with Non-Spring Reutr,45 in-ib, ,2-10 voc, 120 V | B2208 + LRB120-SR | 1 | \$441.00 | 58\% | \$185.22 |
| B2208 + LR24 ${ }^{\text {a }}$ | Beimo |  | B2208+LR824.3 | 1 | \$297.00 | 58\% | \$124.74 |
|  | Belimo |  |  | 1 | \$357.00 | 58\% | \$149.94 |
|  | Beimo |  | B220B+LB824.3.T | 1 | \$285.00 | 58\% | \$119.70 |
| B2208+LR824-SR | Beimo |  | B2208+LRB24-SR | 1 | \$408.00 | 58\% | \$171.36 |
| B2208+LB824.SR-T | Beimo |  | B2208+LR824SR-T | 1 | \$395.00 | 58\% | \$165.90 |
| B208B + TFRB 120 | Belimo | 2 2-way CCV, Brass Trim, 34", Cr 14 with Sping Return,22 in-b, Onofiti, 100 to 240 V | ${ }_{\text {B200B }+ \text { FRRB } 120}$ | 1 | \$439.00 | 58\% | \$184.38 |
| B220B+TFRB120.S | Belimo |  | B2208+TFRB120.S | 1 | \$496.00 | 58\% | \$208.32 |
| B2208+TR8824 | Belimo | 2.way Ccv, Brass Tim, 344 , Cr 14 with Sping Reumm,22 in-lb, Onotit,24V | 82208+TRB824 | 1 | \$395.00 | 58\% | \$165.90 |
| B220B+TFRB24-3 | Belimo |  | B2208+TFRB243 | 1 | \$447.00 | 58\% | \$187.74 |
| B2208+TFRB243.S | Beimo |  | B2208+TFRB24.3.S | 1 | \$502.00 | 58\% | \$210.84 |
| B220B+TFRB24.S | Beimo | 2.way CCV, Brass Trim, 344 " Co 14 with Spring Reumm,22 in-b, Onoftr,24V | B220B+trebra-s | 1 | \$451.00 | 58\% | \$189.42 |
| B2208+TFRB24-SR | Beimo |  | B2208+TFRB24-SR | 1 | \$475.00 | 58\% | \$199.50 |
| B2208 + TFRB24-SR.S | Belimo |  | B2208 + TFRB24-SR.S | 1 | \$528.00 | 58\% | \$221.76 |
| B2208+TR24.3 US | Belimo | 2 -way CCV, Brass Tim, 344, Cv 14 with Non-Sping Reum, 18 in-lb, Onolit,24V | $\mathrm{Br}^{2208+\text { TR24.3 US }}$ | 1 | \$252.00 | 58\% | \$105.84 |
| B2208 + TR243300 US | Belimo |  | B2208 + TR243300 US | 1 | \$268.00 | 58\% | \$112.56 |
| B2208+TR243,500 US | Belimo |  | B2208 + TR243/500 Us | 1 | \$288.00 | 58\% | \$120.96 |
| в2208+TR24.3.TU | Beimo | 2.way CCV, Brass Tim, $344 ;$ | 82208+TR24.3.TU U | 1 | \$239.00 | 58\% | \$100.38 |
| B2208+TR24-SR US | Beimo |  | B2208+TR24-SR U | 1 | \$330.00 | 58\% | \$138.60 |
| B2208+TR24-SR330 US | Beimo |  | B2208+TR24-SR300 US | 1 | \$346.00 | 58\% | \$145.32 |
| ${ }^{\text {B220B }+ \text { TR24-SR5500 US }}$ | Belimo |  |  | 1 | \$356.00 | 58\% | \$149.52 |
| B2208+TR24-SR-T U | Beimo |  | B2208 + TR24.SR.TUS | 1 | \$314.00 | 58\% | \$131.88 |
| B221+LF120 Us | Beimo | 2.way Cov, SS Tim, 344, Cv 24 with Sping, 35inlb, Onvolf, 120 V | B221+LFI20 US | 1 | \$467.00 | 58\% | \$196.14 |
|  | Belimo |  | B221+LF120.S US | 1 | \$528.00 | 58\% | \$221.76 |
| B221+L-24 US | Belimo | 2.way CCV, SS Tim, 34\%; Cr 24 with Sping, 35in-b, onotit, 24 V | ${ }^{\text {B221+LE24 US }}$ | 1 | \$468.00 | 58\% | \$196.56 |
| B221+LF24.3 Us | Beimo | 2 -way CCV, SS Tim, 34, COV 24 with Spring, 35inlb, Floaing, 24V | B227+LF24.3 Us | 1 | \$573.00 | 58\% | \$240.66 |
| ${ }_{\text {B221+LE24Met US }}$ | Beimo | 2 -way CCV, SS Trim, 344 \% Cr 24 with Spring, 35in-l, MFT, 24 V | B221+LF24-MFT US | 1 | \$668.00 | 58\% | \$280.56 |
| ${ }^{\text {B22 } 1+\text { L-24. }}$ US | Beimo |  | ${ }^{\text {B22 }}$ +L-224.S US | 1 | \$501.00 | 58\% | \$210.42 |
| ${ }^{\text {B22 }}$ +LLF24.SR Us | Beimo |  | B22 $1+$ L-24-SR US | 1 | \$585.00 | 58\% | \$245.70 |
| B221+L-24-SR.S US | Beimo |  | B221+L-24-SR.S US | 1 | \$617.00 | 58\% | \$259.14 |
| B221+LRB120.3 | Beimo |  | 8222+LRB120.3 | 1 | \$351.00 | 58\% | \$147.42 |
| B22 + +LBB120.SR | Beimo | 2.way CCV, SS Tim, 344 ", Cr 24 with Non-Sping Return,45 in-lb, 2-10 VDC, 120 V | B221+LRB120.SR | 1 | \$431.00 | 58\% | \$181.02 |

The scope of this contract includes the following
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated icroprocessor-Controlied HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Eqionst such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Monted
 commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
Integrated BAS/EMS/IItegrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FreAlan platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
. Factory Installed/Factory-Provided micro-processor--controlled included/contrond
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose I, Telecommications, Networking Cabing,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communcate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

|  |  |  |  | $\begin{gathered} \text { "Warranty Period - \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause 54" } \end{gathered}$ | List Pitee | \% Discoumt | Nss Nel Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ${ }^{\text {B221+LRB24-3 }}$ | Belimo |  | ${ }^{\text {B221+LRB24-3 }}$ | 1 | \$315.00 | 58\% | \$132.30 |
| B221+LR8243-S | Beimo |  | B221+LR824.3.S | 1 | \$372.00 | 58\% | \$156.24 |
| B227+LR824.3.T | Beimo |  | B221+LR824.3.T | 1 | \$300.00 | 58\% | \$126.00 |
| B22 + LRB824Met | Beimo |  | B22 + LLB824MFT | 1 | \$520.00 | 58\% | \$218.40 |
| B221+LR824-SR | Beimo |  | B221+LR824.SR | 1 | \$400.00 | 58\% | \$168.00 |
| B221+LEB24-SR-T | Belimo |  | B221+LR24-SR-T | , | \$387.00 | 58\% | \$162.54 |
| B221+LRC8243 | Belimo |  | B221+LRC8243 | 1 | \$342.00 | 58\% | \$143.64 |
| B221+LRab24-1 | Belimo |  | B221+LRO824-1 | , | \$632.00 | 58\% | \$265.44 |
| B221+LROB24-MFT | Belimo |  | ${ }^{\text {B221+LRob24-MFT }}$ | 1 | \$679.00 | 58\% | \$285.18 |
| B221+LRax24MFT | Belimo | 2 -way CCV, SS Tim, 344 , Cv 24 with Noo.Sping Reum, 35 inlbb, MFT, 24V | B221+LR0x24-MFT | 1 | \$679.00 | 58\% | \$285.18 |
| B221+LRX120.3 | Belimo |  | B221+LRX120.3 | 1 | \$351.00 | 58\% | \$147.42 |
| ${ }^{\text {B22 } 1+L \text { LX } 120 . S R ~}$ | Beimo |  | ${ }^{\text {B22 } 1+L \text { Lx } 120 . S R ~}$ | 1 | \$431.00 | 58\% | \$181.02 |
| ${ }^{\text {B22 }}$ + + LR $\times 24.3$ | Beimo |  | ${ }^{\text {B221+LRX24.3 }}$ | 1 | \$315.00 | 58\% | \$132.30 |
| B221+LRX243-S | Beimo |  | B221+LRX24.3.S | 1 | \$372.00 | 58\% | \$156.24 |
| B221+LRX24.3.T | Beimo | 2.way CCV, SS Trim, 344 \% Cr 24 with Sping Relurn,45 in-lb, Onotutifloaing,24V | B221+LRX24.4.T | 1 | \$300.00 | 58\% | \$126.00 |
| B221+LR24.MFT | Belimo |  | B221+LR24.MFT | 1 | \$520.00 | 58\% | \$218.40 |
| B221+LRX24-MF995 | Beimo |  | B221+LRX24-MF995 | 1 | \$621.00 | 58\% | \$260.82 |
| B221+LRX24.PC | Belimo |  | B227+LRX24PC | 1 | \$621.00 | 58\% | \$260.82 |
| B221+LRX24.SR | Beimo |  | B221+LRX24.SR | + | \$400.00 | 58\% | \$168.00 |
| ${ }^{\text {B221 LLAX24-SR-T }}$ | Belimo |  | ${ }^{\text {B221 + }+ \text { RX24-SR-T }}$ | 1 | \$387.00 | 58\% | \$162.54 |
| 8221+NB824.3. Na | Beimo |  | 8222+NB8243.TN4 | 1 | \$605.00 | 58\% | \$254.10 |
| B221+NB8243.7NAH | Beimo | 2.way CCV, SS TTim, 34", CV24 with Non-Sping Retur,70 in.lb, Onotrfifoaing,24V | B221+NBB243.7NAH | 1 | \$963.00 | 58\% | \$404.46 |
| B221+NB624.SR-TN4 | Beimo |  | B221+NB824-SR-TN4 | 1 | \$689.00 | 58\% | \$289.38 |
| B221+NE824-SR-T NaH | Belimo | 2 -way CCV, SS Tim, 344 , Cv 24 with Non-Sping Seumm,70 in-b, ,-10 Vod, 24 V | B222+NB824-SR.TNAH | 1 | \$1,047.00 | 58\% | \$439.74 |
| B221 +NXX24.Mer-Tn4 | Beimo | 2 -way CCV, SS Tim, 344 \% Cv 24 with Non-Sping Reumm,70 in-lb, MFT, ,24V | ${ }^{\text {B221+NSX24.MFT-TN4 }}$ | 1 | \$809.00 | 58\% | \$339.78 |
| B221+NB 24 -MFT-T T NAH | Belimo | 2 -way CCV, SS Tim, 344 ", Cv 24 with Non-Spring Reumm,70 in-lb, MFF,,24V | B221+NBX24-MFT-TN4H | 1 | \$1,167.00 | 58\% | \$490.14 |
| ${ }^{\text {B221B }+ \text { LF } 120 ~ U S ~}$ | Belimo | 2 2way CCV, Brass Tim, 344 , Cv 24 with Sping, 35inlb, Onotit, 120V | $\mathrm{B}^{\text {B221B+LF } 120 ~ U S}$ | 1 | \$459.00 | 58\% | \$192.78 |
| ${ }^{\text {B2218 }}$ LLFI20.S US | Belimo |  | ${ }^{\text {B221BLLFI20.S US }}$ | 1 | \$516.00 | 58\% | \$216.72 |
| B221B+LF24US | Belimo | 2 2-way CCVV, Brass Tim, 344, Cv 24 with Spping, 35in-lb, Onolt, 24 V | B2218tLF24 US | 1 | \$453.00 | 58\% | \$190.26 |
| B2218+LF24.3 Us | Belimo | 2 -way CCV, Brass Tim, 344 , Cv 24 with Sping, 35in-b, Foasing, 24 V | B2218+LF24.3 Us | 1 | \$559.00 | 58\% | \$234.78 |
|  | Belimo |  | ${ }^{\text {B221B4+LF24-S }}$ US | 1 | \$501.00 | 58\% | \$210.42 |
| B2218+LF24.SR US | Beimo | 2.way CCV, Brass Timm, 34", Cr 24 with Spoing, 35inlv, $2 \cdot 10 \mathrm{TV}, 24 \mathrm{~V}$ | B2218+L-24.SR US | 1 | \$572.00 | 58\% | \$240.24 |
| B221B+LF24-SR.SUS | Belimo | 2.way COV, Brass Tim, 34"; Cr 24 with Sping, 35inlb, 2.10V, 24V, SW | B221B+LF24-SR.SUS | 1 | \$611.00 | 58\% | \$256.62 |
| в2218+LRB120.3 | Belimo |  | B2218+LRB120.3 | 1 | \$339.00 | 58\% | \$142.38 |
| ${ }_{\text {B221b+LRB120-SR }}$ | Beimo |  | ${ }^{\text {B2218+LRB120.SR }}$ | 1 | \$444.00 | 58\% | \$186.48 |
| B221B+LR824.3 | Belimo |  | B2218 $\mathrm{LRB824} 3$ | 1 | \$300.00 | 58\% | \$126.00 |
| B2218 + LR824.3. S | Beimo |  | ${ }^{22218+L P B 24.3 .5}$ | 1 | \$360.00 | 58\% | \$151.20 |
| B2218+LRB24.3.T | Beimo |  | B2218+LRB24-3.T | 1 | \$288.00 | 58\% | \$120.96 |
| B2218+LR824.SR | Beimo |  | B2218+LRB24.SR | 1 | \$411.00 | 58\% | \$172.62 |
| 82218+LR824-SR-T | Belimo | 2 -way CCV, Brass Tim, 344 , Cv 24 with Non-Sping Reumm,45 in-10,2-10 Voc, 24 V | 82218+LR824SR.T | 1 | \$398.00 | 58\% | \$167.16 |
| B222+LF120 US | Belimo |  | B2224LFi20 US | 1 | \$506.00 | 58\% | \$212.52 |
| ${ }^{\text {B22atLFI20.S }}$ U | Beimo | 2.wey CCV, SS Trim, 17, Cv7 7.4 with Spring, 35in.bl, Onoff, 120V, SW | ${ }^{\text {B22atLFI20.S U }}$ | 1 | \$568.00 | 58\% | \$238.56 |
| ${ }^{\text {B222+LF24 US }}$ | Belimo | 2.way CCV, SS T Tim, 17, Cv 7.4.4 with Sping, 35in-b, Onofit, 24 V | ${ }^{\text {B222+LF24 US }}$ | 1 | \$473.00 | 58\% | \$198.66 |
| ${ }^{\text {B222+LF24.3 US }}$ | Beimo | 2 2.way CCV, SS Tim, 11, CV7.4.4 with Sping, 35init, Floaing, 24V | ${ }^{\text {B222+LF24.3 US }}$ | 1 | \$574.00 | 58\% | \$241.08 |
| 8222+LF24MFT US | Belimo |  | ${ }^{\text {B222+LF24MFT US }}$ | 1 | \$680.00 | 58\% | \$285.60 |
| B222+LF24MFT.SUS | Belimo | 2.way CCV, SS Trim, 1", Cv7,4" with Spring, 35in-lb, MFT, 24V, SW | B222+LF24MFT-S US | 1 | \$724.00 | 58\% | \$304.08 |
| B222+LF24.S US | Belimo |  | B222+LF24-S US | 1 | \$535.00 | 58\% | \$224.70 |
| ${ }^{\text {B22 } 2 \text { LLF24.SR US }}$ | Belimo |  | B222+LF24-SR us | 1 | \$587.00 | 58\% | \$246.54 |
| B222+LE24.SR.S US | Belimo |  | B222+L-24-SR.S U | 1 | \$646.00 | 58\% | \$271.32 |
| B222+LRB120.3 | Belimo |  | B222+LRB120.3 | 1 | \$359.00 | 58\% | \$150.78 |
| B222+LRB120.SR | Belimo |  | B222+LRB120.SR | 1 | \$445.00 | 58\% | \$186.90 |
| 8222+LRB24.3 | Belimo |  | 8222+LR824.3 | 1 | \$323.00 | 58\% | \$135.66 |
| 8222+LR8243.S | Beimo |  | B222+LB824.3.S | 1 | \$382.00 | 58\% | \$160.44 |
| B222+LR824-3.T | Beimo |  | 8222+LR8243-T | 1 | \$310.00 | 58\% | \$130.20 |
| B222+LR824MFT | Beimo |  | B222+LR824MFT | 1 | \$545.00 | 58\% | \$228.90 |
| B222+LR824.SR | Beimo | 2 -way CCV, SS Trim, 1", CV7.4.4 with Non-Spring Return,45 in-lb, 2-10 voc, 24 V | B222+LR824.SR | 1 | \$410.00 | 58\% | \$172.20 |
| ${ }^{\text {B222 }}$ +RB24-SR-T | Belimo |  | ${ }^{\text {B222+LRB24-SR-T }}$ | 1 | \$397.00 | 58\% | \$166.74 |
| B222+LCC8243 | Belimo |  | $\mathrm{B} 222+L C B 8243^{\text {a }}$ | 1 | \$349.00 | 58\% | \$146.58 |
| в222+LR9824-1 | Beimo |  | в222+LR9824-1 | , | \$656.00 | 58\% | \$275.52 |
| ${ }^{\text {B222+LROB24MFT }}$ | Belimo |  | ${ }^{\text {B222+LROB24-MFT }}$ | 1 | \$701.00 | 58\% | \$294.42 |
| B222+LRax24.1 | Beimo |  | B222+LRax24.1 | 1 | \$656.00 | 58\% | \$275.52 |
| ${ }^{\text {B22 } 2+L R 0 x 24-M F T ~}$ | Belimo |  | B222+LRox24-MFT | 1 | \$701.00 | 58\% | \$294.42 |
| B222+LRX120.3 | Belimo |  | B222+LRX120.3 | 1 | \$359.00 | 58\% | \$150.78 |
| ${ }^{\text {8222atLR土120.SR }}$ | Belimo |  | ${ }^{\text {B222atLx×120.SR }}$ | 1 | \$445.00 | 58\% | \$186.90 |
| 8222+LRX24.3 | Belimo |  | ${ }^{\text {B222 }}$ +LRX24.3 | 1 | \$323.00 | 58\% | \$135.66 |
| B222+LRX24.3.5 | Belimo |  | 8222+LKX24.3.5 | 1 | \$382.00 | 58\% | \$160.44 |
| B222+LRX24-T | Beimo |  | B222+LR×24.3-T | , | \$310.00 | 58\% | \$130.20 |
|  | Belimo |  | $\mathrm{B}_{222+L \text { LX24-MFT }}$ | 1 | \$545.00 | 58\% | \$228.90 |
| B222+LRX24MFT95 | Belimo |  | B222+LRX24MFT95 | 1 | \$631.00 | 58\% | \$265.02 |
| B222+LRX24.PC | Beimo |  | B222+LRX24.PC | 1 | \$631.00 | 58\% | \$265.02 |
|  | Belimo |  | ${ }^{\text {B22atLRX24.SR }}$ | 1 | \$410.00 | 58\% | \$172.20 |
| ${ }^{\text {B222 }}$ +LRX24-SR-T | Belimo |  | ${ }^{\text {B222 }}$ LRX24-SR-T | 1 | \$397.00 | 58\% | \$166.74 |
| $\mathrm{B} 222+N \mathrm{NB} 24.3$ - $\mathrm{N} 4^{4}$ | Belimo |  | $\mathrm{B} 222+N \mathrm{NB} 24.3$ - $\mathrm{N} 4^{4}$ | 1 | \$610.00 | 58\% | \$256.20 |
| в222+N88243.TNAH | Beimo |  | B222+NRB24.4.TN4H | I | \$968.00 | 58\% | \$406.56 |
| ${ }^{\text {B222+NB824-SR-TN4 }}$ | Belimo |  |  | 1 | \$697.00 | 58\% | \$292.74 |
| ${ }^{\text {B222+NB824-SR-T T N4H }}$ | Beimo | 2.way COV, SS Timm, 1, Cv7.4 w with Non-Spring Return,70 inlib, 2-10 voc, 24V | ${ }^{\text {B222+NB824-SR-T NaH }}$ | 1 | \$1,055.00 | 58\% | \$443.10 |
| ${ }^{\text {B222+NSX24-MFT-TN4 }}$ | Belimo |  |  | 1 | \$830.00 | 58\% | \$348.60 |
| B222+NRX24-MF-T- NAH | Belimo | ${ }^{2}$-way CCV, SS Tim, 10, Cu7.4 with Non-Sping Reumm,70 in-lb, MFT, 24V | B222+NBX24-MFT-TN4H | 1 | \$1,188.00 | 58\% | \$498.96 |
| B223+LF120 Us | Belimo |  | B223+LFi20 US | 1 | \$511.00 | 58\% | \$214.62 |
| ${ }^{\text {B223LLFL20.S U }}$ | Beimo |  | ${ }^{\text {B233+LF120.S US }}$ | 1 | \$570.00 | 58\% | \$239.40 |
|  | Belimo |  |  | 1 | \$479.00 | 58\% | \$201.18 |
| B2234LF24.3 US | Beimo | 2.way CCV, SS Trim, 11 , Cv 10 w with Spping, 35inlb, Floaing, 24V | ${ }^{\text {E2234LLF24.3 US }}$ | 1 | \$582.00 | 58\% | \$244.44 |
| 8223+LF24MFT US | Belimo | 2 2.way COV, SS Tim, 1", Cv 10 with Sping, 35in-b, MFT, 24V | ${ }^{\text {B223+LF24-MFT US }}$ | 1 | \$682.00 | 58\% | \$286.44 |
| ${ }^{\text {B223+LF24-MFT.S S }}$ | Belimo | 2.way CCV, SS Tim, 17, Cv 10 with Sping, 35in-lb, MFT, 24V, Sw | B223+LF24MET.SUS | , | \$726.00 | 58\% | \$304.92 |
| B223+LF24.S US | Belimo | 2 -way CCV, SS Tim, 1", Cr 100 " with Sping, 35inibl, Onofi, 24V, SW | B223+LF24.S US | 1 | \$537.00 | 58\% | \$225.54 |
| B223 + L-24-SR US | Beimo |  | B223 +L-24.SR us | 1 | \$597.00 | 58\% | \$250.74 |
| B223-L-24-SR-S US | Beimo |  | B223-LE24-SR-SU | 1 | \$654.00 | 58\% | \$274.68 |
| B223+LRB120.3 | Belimo |  | $\mathrm{B} 2234 \mathrm{LRB120.3}^{\text {a }}$ | 1 | \$363.00 | 58\% | \$152.46 |
| ${ }^{\text {B23 }}$ +LRB120.SR | Beimo |  | в223+LRB120.SR | , | \$447.00 | 58\% | \$187.74 |
| 8223+LR824.3 | Beimo |  | в223+LRB24.3 | 1 | \$330.00 | 58\% | \$138.60 |
| ${ }^{\text {8223+LR8243-3 }}$ | Belimo |  | ${ }^{\text {B232+LR824.3.S }}$ | 1 | \$386.00 | 58\% | \$162.12 |
| 8223+LR8243-T | Beimo |  | B223+LR8243.T | , | \$314.00 | 58\% | \$131.88 |
| B223+LR824MFT | Belimo | 2 2.way CCV, SS Trim, 1", Cv 10 with Non-Spring Retur,45 inlb, MFT, 24V | B223+LR824MeT | 1 | \$551.00 | 58\% | \$231.42 |

The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Hcroprocessor-Controncd
. Integrated Microprocessor-Controlled HVAC Equen
 commission and which are integra
Trodects by the authorized user. Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pane etc.) to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated platforms/systems.
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
Factory Installed/Factory-Provided micro-processor-controled ineat pump, remote I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose 1 , Yelecommications, Networking Cabing, for

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communcate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Mootel Number | Manufacturer | Product Descriplion | Producl Code | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54 " | List Price | \% Disoount | Nvs Nel |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B223+LR824.SR | Beimo |  | B223+LB824.SR | 1 | \$412.00 | 58\% | \$173.04 |
| 8223+LRB24-SR-T | Belimo |  | ${ }^{\text {B223+LRB24-SR-T }}$ | 1 | \$399.00 | 58\% | \$167.58 |
| B223+LRCB243 | Belimo |  | B223+LRC8243 | , | \$356.00 | 58\% | \$149.52 |
| B223+LRa824-1 | Beimo |  | B223+LRa824-1 | , | \$665.00 | 58\% | \$279.30 |
| ${ }_{\text {B223 }}$ LRa824MFT | Beimo |  | B223+LROB24-MET | 1 | \$707.00 | 58\% | \$296.94 |
| B223+LRax24-1 | Beimo |  | B223+LRax24-1 | 1 | \$665.00 | 58\% | \$279.30 |
| ${ }_{\text {B223 }+ \text { LRax24MFT }}$ | Belimo |  | B223+LRax24-MFT $^{\text {a }}$ | , | \$707.00 | 58\% | \$296.94 |
| B223+LRX120.3 | Belimo |  | B223+LRX120.3 | 1 | \$363.00 | 58\% | \$152.46 |
| ${ }^{\text {8223 }}$ LLPX120.SR | Belimo |  | ${ }^{\text {2233 }}$ +LRX120.SR | 1 | \$447.00 | 58\% | \$187.74 |
| 8223+LRX24.3 | Beimo |  | 8223+LRX24.3 | 1 | \$330.00 | 58\% | \$138.60 |
| B223+LRX24.3.s | Beimo |  | B223+LRX24.3.S | 1 | \$386.00 | 58\% | \$162.12 |
| B223+LRX24.4.T | Belimo |  | B223+LRX24.4T | 1 | \$314.00 | 58\% | \$131.88 |
| ${ }^{\text {B223 LLR } 24.4 \mathrm{MFT}}$ | Belimo | 2 2.wey CCV, SS Tim, 1", Cv 10" with Non-Spring Reumm,45 in-lb, MFT, 24V | ${ }^{\text {B223+LRX24-MFT }}$ | 1 | \$551.00 | 58\% | \$231.42 |
| 8223+LRX24-MFT95 | Belimo | 2 2.way CCV, SS Tim, 1", Cv 10" with Non-Spring Reeum,45 in-lb, MFT, 24V | 8223+LRX24-MFT95 | 1 | \$640.00 | 58\% | \$268.80 |
| B223+R244.PC | Belimo |  | B223+LRX24.PC | 1 | \$64.00 | 58\% | \$268.80 |
| B223+LRX24.SR | Belimo | 2 -way CCV, ss Tim, 1", Cv 10" with Non-Spring Return,45 in-lb, 2-10 voc,24V | B223+LRX24.SR | 1 | \$412.00 | 58\% | \$173.04 |
| B223+LRX24-SR-T | Beimo | 2 -way Ccv, ss Tim, 1", crv 10" with Non-Sping Return,45 in-b, 2-10 voc, 24V | B233LLR24-SR-T | 1 | \$399.00 | 58\% | \$167.58 |
| в223-NB824.3.TN4 | Beimo |  | 8223-NBB24-3. N 4 | 1 | \$615.00 | 58\% | \$258.30 |
| B223-NE824.3.TN4H | Belimo |  | B223-NRB24.3.TN4H | 1 | \$973.00 | 58\% | \$408.66 |
| ${ }^{\text {8223-NRB24-SR-T N4 }}$ | Belimo | 2 -way CCV, SS Tim, 1", Cv 10" with Non-Sping Return,70 in-lb, 2-10 voc,24V | B223+NRB24-SR-T T4 | 1 | \$699.00 | 58\% | \$293.58 |
| 8223-NBE24-SR-TN4H | Belimo | 2 2.way CCV, SS Timm, ${ }^{\prime \prime}$ ", Cv 10 with No.Spring Reumm,70 in-lb, 2-10 Voc,24V | ${ }^{\text {B223-NER24-SR-T NaH }}$ | 1 | \$1,057.00 | 58\% | \$443.94 |
| B223-NBX24-MFT-TN4 | Belimo | 2 2.way CCV, SS Tim, 1", Cv 10" with No.Spring Reumm,70 in-lb, MFT, 24V | ${ }^{\text {B223+NXX24-MFT-TN4 }}$ | 1 | \$836.00 | 58\% | \$351.12 |
| B224-LF120 US | Belimo |  | B224-LF120 US | 1 | \$519.00 | 58\% | \$217.98 |
| ${ }^{\text {B224+LFI20.S US }}$ | Belimo |  | ${ }^{\text {B224+LF120.S US }}$ | 1 | \$578.00 | 58\% | \$242.76 |
| ${ }_{\text {B224LLE24 US }}$ | Beimo |  | ${ }^{\text {B224tLE } 24 ~ U S ~}$ | 1 | \$488.00 | 58\% | \$204.96 |
| B224tLF24.3 US | Belimo | 2.way CCV, SS Timm, 1\%, Cr 190 with Sping, 35in-b, Floaing, 24V | B224+LF24-3 US | 1 | \$589.00 | 58\% | \$247.38 |
| B224+LE24MFT US | Beimo | 2 2.way CCV, SS Tim, 1", Cv 19" with Sping, 35in-b, Mr, , 24V |  | 1 | \$684.00 | 58\% | \$287.28 |
| B2244L-24MFT-S US | Belimo | 2.way CCV, SS Tim, 17, Crv 19" with Sping, 35inlb, MrT, 24V, SW | B224LLF24MET.SUS | 1 | \$728.00 | 58\% | \$305.76 |
| B224LLF24.S US | Belimo |  | ${ }^{\text {B224+LF24.S US }}$ | 1 | \$545.00 | 58\% | \$228.90 |
| ${ }^{\text {B224tLI24.SR US }}$ | Belimo |  | B2244L-24-SR us | 1 | \$604.00 | 58\% | \$253.68 |
| B224+L-24-SR.S US | Belimo | 2 2.way CCV, SS Tim, | B224LL-24-SR.S US | 1 | \$660.00 | 58\% | \$277.20 |
| B2244LRB120.3 | Belimo |  | B2244LRB120.3 | 1 | \$363.00 | 58\% | \$152.46 |
| B224+LRB120.SR | Belimo |  | B224+LRB120.SR | 1 | \$451.00 | 58\% | \$189.42 |
| 82244+LR824.3 | Belimo |  | 8224+LRB24.3 | 1 | \$330.00 | 58\% | \$138.60 |
| B224+LR824.3.S | Beimo |  | B224+LR8243.S | 1 | \$386.00 | 58\% | \$162.12 |
| B224+LR824-T ${ }^{\text {T }}$ | Belimo |  | B224+LR824-T. | 1 | \$314.00 | 58\% | \$131.88 |
| B224+LR824MFT | Belimo | 2.way CCV, SS Tim, 1 ,", Cv 190 with Non-Sping Retum,45 in.lb, MFT, 24V | ${ }^{\text {B224+LB824MFT }}$ | 1 | \$560.00 | 58\% | \$235.20 |
| B224+LR824-SR | Belimo |  | B224+LR824-SR | 1 | \$416.00 | 58\% | \$174.72 |
| B224+LB824-SR-T | Belimo |  | B224+LR824-SR-T | 1 | \$404.00 | 58\% | \$169.68 |
| B224+LRC8243 | Belimo |  | B224+LCCB243 | 1 | \$356.00 | 58\% | \$149.52 |
| B224+LRa824-1 | Belimo |  | B224+LROB24-1 | 1 | \$672.00 | 58\% | \$282.24 |
| B224+LRab24MFT | Beimo |  | B224+LROB24-MFT | 1 | \$713.00 | 58\% | \$299.46 |
| B224+LRax24-1 | Belimo |  | B224+LRax24-1 | 1 | \$672.00 | 58\% | \$282.24 |
| ${ }_{\text {B224LIRax24MFT }}$ | Beimo |  | ${ }^{\text {B224+LRox } 24 \text {-MFT }}$ | 1 | \$773.00 | 58\% | \$299.46 |
| B224+LRX 120.3 | Belimo |  | B224+LRX120.3 | 1 | \$363.00 | 58\% | \$152.46 |
| ${ }^{\text {B224+LRX120.SR }}$ | Beimo |  | B224+LRX120.SR | 1 | \$451.00 | 58\% | \$189.42 |
| 8224+LR×24.3 | Beimo |  | 8224+LR×24.3 | 1 | \$330.00 | 58\% | \$138.60 |
| B224+L-R24.3.S | Beimo |  | B224+LRX24.3.S | 1 | \$386.00 | 58\% | \$162.12 |
| B224+LRX24-T | Belimo |  | B224+LRX243.T | 1 | \$314.00 | 58\% | \$131.88 |
| ${ }^{\text {B224LLRX24-MFT }}$ | Beimo |  |  | 1 | \$560.00 | 58\% | \$235.20 |
| 82244+LRX24-MF995 | Belimo | 2 2.way CCV, SS Tim, 1", CV 19" with Non-Spring Reeum,45 in-lb, MFT, 24V | 82244LRX24-MFT95 | 1 | \$644.00 | 58\% | \$270.48 |
| B224L-RX24.PC | Belimo |  | B224LLRX24PC | 1 | \$644.00 | 58\% | \$270.48 |
| B224H-RX24.SR | Belimo |  | B224+LRX24.SR | 1 | \$416.00 | 58\% | \$174.72 |
| B224LLRX24-SR-T | Beimo | 2.wey CCV, SS Trim, 1", Cv 19" with No.-Sping Reumm,45 in-lb, 2-10 voc, 24V | B224LLRX24-SR-T | 1 | \$404.00 | 58\% | \$169.68 |
| 8224-NB824-3.TN4 | Beimo |  | 8224-NBB243-TN4 | 1 | \$615.00 | 58\% | \$258.30 |
| B2244NB824-T. NAH | Beimo |  | B224-NRB24.4.TN4H | 1 | \$973.00 | 58\% | \$408.66 |
| B224+NRB24-SR-TN4 | Beimo |  | B224-NB824-SR-TN4 | 1 | \$703.00 | 58\% | \$295.26 |
| B224-NB824-SR-TN4H | Belimo | 2.way CCV, SS Timm, 1", CV 19 with Non-Spring Reuur,70 in-lb, 2-10 voc, 24V | ${ }^{\text {B224+NE824-SR-T NaH }}$ | 1 | \$1,061.00 | 58\% | \$445.62 |
| B224-NBx24.MfT-TN4 | Beimo |  | ${ }^{\text {B224+NRX244-MFT-TN4 }}$ | 1 | \$842.00 | 58\% | \$353.64 |
| B224+NRX24.MET-TN4H | Belimo | 2.way CCV, SS Timm, 1", Cv 19 with Non-Sping Reumm,70 in-b, MFT, 24V | B224-NBX24-MFT-TN4H | 1 | \$1,200.00 | 58\% | \$504.00 |
| B2254LFI20 U | Belimo |  | B2254LFi20 US | 1 | \$525.00 | 58\% | \$220.50 |
| ${ }^{\text {B225LLFL20.S U }}$ | Beimo |  | ${ }^{\text {B225+LF120.S US }}$ | 1 | \$584.00 | 58\% | \$245.28 |
| ${ }^{\text {B225 }}$ L-24 US | Belimo | 2.way CCV, SS Tim, 1 ", Cv 30 with Sping, , 55inlb, Onvolt, 24 V | ${ }^{\text {B2254tL24 US }}$ | 1 | \$494.00 | 58\% | \$207.48 |
| ${ }^{\text {B225 }}$ - F 24.3 US | Beimo | 2.way CCV, SS Trim, 17, Cv 30 with Speing, 35inibl, Floatigg, 24V | ${ }^{\text {B2254L-24.3 US }}$ | 1 | \$600.00 | 58\% | \$252.00 |
| ${ }_{\text {B225 }}$ L-L24MFT US | Belimo | 2.way CCV, SS Tim, 17, Crv 30 with Sping, 35inl-b, MFT, 24V | ${ }^{\text {B225+LF24-MFT US }}$ | 1 | \$686.00 | 58\% | \$288.12 |
| B2254LF24.MFT-S US | Beimo | 2.way Cov, SS Tim, 1", Cr 30 winh Sping, 35inlb, MFT, 24V, Sw | B225+LF24MFT-S US | 1 | \$730.00 | 58\% | \$306.60 |
| B2254-L24.S US | Belimo | 2 -way CCV, SS Tim, 14, Cru 30 with Spring, 35in-b, Onoft, 24V, SW | B2254-L24.S US | 1 | \$551.00 | 58\% | \$231.42 |
| ${ }^{\text {2225 }}$ L-24.SR US | Belimo | 2-way CCV, SS Tim, 1", Cr 30 wilh Sping, 35in-b, 2-10V, 24V | ${ }^{2} 225+$ L-24.SR US | 1 | \$613.00 | 58\% | \$257.46 |
| B225tLE24.SR.S U | Beimo |  | B225+LF24-SR.S US | 1 | \$670.00 | 58\% | \$281.40 |
| B2254LRB120.3 | Belimo |  | B2254 $\mathrm{LRB120.3}$ | 1 | \$365.00 | 58\% | \$153.30 |
| B225+LRB120-SR | Belimo |  | ${ }^{\text {2255 LLBE120-SR }}$ | 1 | \$453.00 | 58\% | \$190.26 |
| B225+LR824.3 | Beimo |  | ${ }^{\text {B225 }}$ +18824.3 | 1 | \$332.00 | 58\% | \$139.44 |
| 8225+LR824.3.s | Belimo |  | B2254LR824-3. | 1 | \$389.00 | 58\% | \$163.38 |
| B225+LR824.4.T | Beimo |  | ${ }^{\text {P225 }}$ +18824.3.T | 1 | \$317.00 | 58\% | \$133.14 |
| ${ }^{\text {B2255LLB844MFT }}$ | Belimo |  | ${ }^{\text {B225 LLB824MFT }}$ | 1 | \$562.00 | 58\% | \$236.04 |
| B225+LR824-SR | Belimo | 2 2-way CCV, SS Tim, 1 1", Cv 30 with Non-Sping Reumm,45 in-lb, 2-10 Voc, 24V | B225+LR824-SR | 1 | \$418.00 | 58\% | \$175.56 |
| ${ }^{\text {B225 }}$ LRB24-SR-T | Belimo | 2 2.way CCV, SS Tim, , 1", Cv 30 with Non-Sping Reutr,45 in-lb, 2-10 Voc, 24V | B2254LR824-SR-T | 1 | \$406.00 | 58\% | \$170.52 |
| B2254LRCB243 | Belimo |  | B2254LRCB243 | 1 | \$358.00 | 58\% | \$150.36 |
| B225+LRa824-1 | Beimo | 2.way CCV, SS Tim, 1 ", Cr 30 with Non-Spring Retur,35 in-b, Onotit,24V | B225+LRa824-1 | 1 | \$674.00 | 58\% | \$283.08 |
| в225+LRa824MFT | Beimo |  | B225+LRob24-MmT | 1 | \$716.00 | 58\% | \$300.72 |
| B225+LRax24-1 | Beimo |  | ${ }^{\text {B2254trax } 24.1}$ | 1 | \$674.00 | 58\% | \$283.08 |
| ${ }^{\text {B225+LRax24-MFT }}$ | Beimo | 2 2-way CCV, SS Tim, 1, Cv 30 with Non-Sping Retur,35 in-lb, MFT, 24V | ${ }^{\text {B225 LRox } 24 \text {-MFT }}$ | 1 | \$716.00 | 58\% | \$300.72 |
| B225+LRX120.3 | Belimo |  | B2254LRX120.3 | 1 | \$365.00 | 58\% | \$153.30 |
| ${ }^{\text {B225 }}$ +LRX120.SR | Beimo |  |  | 1 | \$453.00 | 58\% | \$190.26 |
| ${ }_{\text {B225+LRX24.3 }}$ | Beimo |  | B225+LRx24.3 | 1 | \$332.00 | 58\% | \$139.44 |
| B225+LRX243.S | Beimo |  | B225+LRX24.3.S | 1 | \$389.00 | 58\% | \$163.38 |
| B225+LRX24.3.T | Beimo |  | B225+LRX243-T | 1 | \$317.00 | 58\% | \$133.14 |
| ${ }^{\text {2225 }}$ LLRX24.MFT | Belimo |  | ${ }^{\text {B225 LLX } \times 24 \mathrm{MmF}}$ | 1 | \$562.00 | 58\% | \$236.04 |
|  | Beimo | 2.way COV, SS Tim, 17, Cru 30 with Non-Sping Retur,45 inilb, MFT, 24V |  | 1 | \$646.00 | 58\% | \$271.32 |
| B225+LRX24.PC | Belimo | 2.way CCV, SS Tim, 17, Cry 30 with Non-Spring Retur,45 in-b, Phaseut, 24 V | B225+LRX24.PC | 1 | \$646.00 | 58\% | \$27.32 |
| B2254-RX24.SR | Belimo | 2-way CCV, SS Timm, 1", Cru 30 with Non-Spring Retur,45 inlb, 2-10 voc, 24V | B225+LRX24.SR | 1 | \$418.00 | 58\% | \$175.56 |
| ${ }^{\text {B225 }}$ L-RX24-SR-T | Belimo |  | B225t-LX24-SR-T | 1 | \$406.00 | 58\% | \$170.52 |
| 8225-NBB24.3.TN4 | Beimo |  | 8225-NBB24-3. N 4 | 1 | \$619.00 | 58\% | \$259.98 |
| B225+NB824-T. $\mathrm{N4H}$ | Beimo |  | B225+NRB24.4.TN4H | 1 | \$977.00 | 58\% | \$410.34 |
| B225+NRB24-SR-TN4 | Beimo | 2-way CCV, ss Tim, 1", Cv 30 with No.-Spring Reumm,70 in-lb, 2-10 voc, 24V | B225+NB624-SR-TN4 | 1 | \$707.00 | 58\% | \$296.94 |
| B225-NBE24-SR.TNAH | Beimo |  | ${ }^{\text {B225+NB824-SRTT NaH }}$ | 1 | \$1,065.00 | 58\% | \$447.30 |
| 8225-NRX24-MFT-TN4 | Beimo | 2 2.way CCV, SS Tim, 1", Cu 30 with No.SPring Reumm,70 in-lb, MFT, 24V |  | 1 | \$847.00 | 58\% | \$355.74 |
| B229+LF120 US | Belimo | 2.way CCV, SS Tim, 1-1/4", Cv 10 winh Sping, 35in-lb, Onotit, 12V | B2294LFi20 US | 1 | \$537.00 | 58\% | \$225.54 |
| ${ }^{\text {B20 }}$ B29+LFI20.S US | Belimo |  | ${ }^{\text {B229+LFI2-S }}$ US | 1 | \$593.00 | 58\% | \$249.06 |
| ${ }^{\text {B229 }}$ +LF24 US | Belimo | 2-way CCV, SS Tim, ,-1/14", Cv 10" with Spping, 35inllb, Onolf, 24 V | ${ }^{\text {B229+LF24 US }}$ | 1 | \$502.00 | 58\% | \$210.84 |
| B229+LF24.3 US | Belimo |  | ${ }^{\text {32294LF24.3 US }}$ | 1 | \$615.00 | 58\% | \$258.30 |

The scope of this contract includes the following
Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated icroprocessor-Controled
. Inegrated Microprocessor-Controlled HVAC Eud Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
Integrated BAS/EMS/IItegrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FreAlary interface Pane (HAP), and/or other sisur device, which uize certain profochs (e.g. BAC Ne, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communcate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Yodel Number |  |  | Fostuct Code | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B229+LE24MFT US | Beimo | 2.way CCV, SS Tim, 1-1/14: CV 10" with Spping, S5inilu, MFT, 24V | B229+LE24MFT US |  | Lisp Price | \% ${ }^{\text {58isoum }}$ | NYS Nat Price |
| B229+LF24-MT-S S | Beimo |  | B299LLF24MFT-SUS | 1 | \$748.00 | 58\% | \$314.16 |
| B229+L-24-S US | Beimo |  | B229+LF24-S US | 1 | \$562.00 | 58\% | \$236.04 |
| ${ }^{\text {2229 }}$ LL24-SR US | Beimo |  | B299+LF24-SR US | 1 | \$627.00 | 58\% | \$263.34 |
| B2294t-24-SR.S US | Beimo | 2.way CcV, SS Tim, 1-1/14", Cv 10" with Sping, 35in-l., 2-10V, 24V, sw | B229+L-24-SR.S us | 1 | \$678.00 | 58\% | \$284.76 |
| в229+LRB120.3 | Beimo |  | в2299 $\mathrm{LRB120.3}$ | 1 | \$401.00 | 58\% | \$168.42 |
| B299+LRB120.SR | Beimo |  | B299+LRB120.SR | 1 | \$484.00 | 58\% | \$203.28 |
| 8229+LR824.3 | Belimo |  | B229+LR824.3 | 1 | \$367.00 | 58\% | \$154.14 |
| B229+LR824.3.S | Belimo |  | B229+LR824.3.5 | 1 | \$422.00 | 58\% | \$177.24 |
| B229+LR824.3.T | Beimo |  | B229+LR8243-T | 1 | \$355.00 | 58\% | \$149.10 |
| B299+LB824MFT | Belimo |  | B299 LLB824MFT | 1 | \$582.00 | 58\% | \$244.44 |
| 8229+LR824-SR | Belimo |  | 8229+LR824-SR | 1 | \$449.00 | 58\% | \$188.58 |
| ${ }^{\text {B229OLRB24-SR-T }}$ | Belimo |  | ${ }^{\text {B229+LRB24-SR-T }}$ | 1 | \$435.00 | 58\% | \$182.70 |
| B229+LCCB243 | Belimo |  | B229+LCCB243 | 1 | \$393.00 | 58\% | \$165.06 |
| в229+LRa824-1 | Beimo |  | B229+LRa824-1 | 1 | \$695.00 | 58\% | \$291.90 |
| B229+LRob24-MFT $^{\text {a }}$ | Belimo |  | B229+LR8824-MFT | 1 | \$736.00 | 58\% | \$309.12 |
| B229+LRax24, | Belimo |  | B229+LRax24-1 | 1 | \$695.00 | 58\% | \$291.90 |
| B229+LR0X24-MFT | Belimo |  | B229+LR0x24-MFT | 1 | \$736.00 | 58\% | \$309.12 |
| B229+LRX120.3 | Belimo |  | B229+LRX120.3 | 1 | \$401.00 | 58\% | \$168.42 |
| ${ }^{\text {82299 }}$ LRX120.SR | Belimo |  | ${ }^{\text {8229 }}$ +LX×120.SR | 1 | \$484.00 | 58\% | \$203.28 |
| B229+LRX24.3 | Belimo |  | 8229+LRX24.3 | 1 | \$367.00 | 58\% | \$154.14 |
| B229+LRX243.S | Beimo |  | B229+LR224.3.S | 1 | \$422.00 | 58\% | \$177.24 |
| B229+LRX24.3.T | Beimo |  | B229+LRX24.4.T | 1 | \$355.00 | 58\% | \$149.10 |
| B229+LRX24MFT | Belimo |  | B229-LRX24MFT $^{\text {a }}$ | 1 | \$582.00 | 58\% | \$244.44 |
| 8229+LRX24-MFT95 | Belimo |  | 8229+LKX24MFT95 | 1 | \$670.00 | 58\% | \$281.40 |
| B229+LRX24.PC | Belimo |  | B229+LRX24PC | 1 | \$670.00 | 58\% | \$281.40 |
| B229+LR24-SR | Belimo |  | ${ }^{\text {B2294+LX } 24.5 R}$ | 1 | \$449.00 | 58\% | \$188.58 |
| ${ }^{\text {B229+LRX24-SR-T }}$ | Belimo |  | ${ }^{\text {B229+LRX24-SR-T }}$ | 1 | \$435.00 | 58\% | \$182.70 |
| 8229-NB824.3. N 4 | Beimo |  | 8229-NBB24.3. $\mathrm{N4}$ | 1 | \$652.00 | 58\% | \$273.84 |
| B229+NB8243.7N4H | Belimo |  | B229+N8824.3.7 TAH | 1 | \$1,010.00 | 58\% | \$424.20 |
| B229+NRB24-SR.tN4 | Beimo |  | B229+NB824SR-TN4 | 1 | \$732.00 | 58\% | \$307.44 |
| B229+NRB24-SR-T NaH | Belimo |  | B299+NB824SR-T T N4H | 1 | \$1,090.00 | 58\% | \$457.80 |
| B229+NRX24-MfT-TN4 $^{\text {a }}$ | Belimo |  | B229+NRX24MFT-TN4 | 1 | \$867.00 | 58\% | \$364.14 |
|  | Beimo |  | ${ }_{\text {B229+NRX24-MfT-TNaH }}$ | 1 | \$1,225.00 | 58\% | \$514.50 |
| B230+LFi20 US | Belimo | 2 -way CCV, SS Tim, t-1/4", CV 19 " with Sping, 35in-l, Onvoft, 120V | B2304LFI20 US | 1 | \$539.00 | 58\% | \$226.38 |
| ${ }^{\text {B2300LLF } 20 . S U S ~}$ | Belimo | 2 -way CCV, SS Tim, 1-1/44", CV 19 " with Spring, 35in-lb, Onoff, 120V, Sw | ${ }^{\text {B2300+LFI20.S US }}$ | 1 | \$595.00 | 58\% | \$249.90 |
| ${ }^{\text {B2304t } 24 ~ U ~ U S ~}$ | Belimo | 2 2.way CCV, SS Tim, t-1/44, Cv 19. with Spring, 35in-l, Onolit, 24 V | ${ }^{\text {B2304tL24 US }}$ | 1 | \$504.00 | 58\% | \$211.68 |
| ${ }^{\text {B230LLF24.3 US }}$ | Belimo | 2 -way CCV, SS Tim, 1-1/14", CV 19 " with Sping, 35in-lb, Foating, 24V | B230+LF24.3 US | 1 | \$619.00 | 58\% | \$259.98 |
| 8230+LF24MFT US | Belimo | 2 -way CCV, SS Tim, 1-1/4", CV 199 with Sping, 35in-lb, MFT, 24V | ${ }_{\text {B230 L L } 24.4 \mathrm{MFT}}$ US | 1 | \$707.00 | 58\% | \$296.94 |
| B230+LF24MF.S.S US | Belimo | 2.way CCV, SS Tim, , 1-1/4", Cv 19 - with Sping, 35in-Ib, MFT, 24V, SW | ${ }^{\text {B2300LF24MFT. S US }}$ | 1 | \$750.00 | 58\% | \$315.00 |
| B230+LF24.S US | Beimo |  | B230+LF24.S US | 1 | \$564.00 | 58\% | \$236.88 |
| ${ }^{\text {B2300tLF24-SR US }}$ | Belimo | 2-way COV, SS Timm, 1-1/44, Cv 199 with Spoing, 35in-l, 2-10V, 24V | ${ }^{\text {B2300tLF24SR US }}$ | 1 | \$629.00 | 58\% | \$264.18 |
| B2304tF24.SR-S US | Belimo |  | B230+LF24.SRRS U | 1 | \$680.00 | 58\% | \$285.60 |
| B220+LRB120.3 | Belimo |  | B230+LRB120.3 | 1 | \$404.00 | 58\% | \$169.68 |
| B230+LRB120.SR | Beimo |  | B230+LRB120.SR | 1 | \$488.00 | 58\% | \$204.96 |
| 8230+LRB24.3 | Belimo |  | 8230+LRB24.3 | 1 | \$369.00 | 58\% | \$154.98 |
| в230+LR824.3.S | Beimo |  | B230+LR824.3.S | 1 | \$424.00 | 58\% | \$178.08 |
| B230+LR824.3.T | Belimo |  | B230+LR824.3.T | 1 | \$357.00 | 58\% | \$149.94 |
| в230+LR824MFT | Beimo |  | B230+LR824MfT | 1 | \$584.00 | 58\% | \$245.28 |
| B230+LR824.SR | Belimo |  | B230+LRB24-SR | 1 | \$453.00 | 58\% | \$190.26 |
| B2300LRB24-SR-T | Belimo |  | B230+LRB24-SR-T | 1 | \$439.00 | 58\% | \$184.38 |
| B230+LCCB243 | Belimo |  | B230+LRCB24.3 | 1 | \$395.00 | 58\% | \$165.90 |
| B230+LRa824-1 | Belimo |  | B230+LROB24-1 | 1 | \$697.00 | 58\% | \$292.74 |
| ${ }^{\text {B230+LRob24-MFT }}$ | Belimo |  | B230+LR8824-MFT | 1 | \$739.00 | 58\% | \$310.38 |
| B230+LRax24.1 | Belimo |  | B230+LRax24-1 | 1 | \$697.00 | 58\% | \$292.74 |
| B230+LRax24-MFT | Beimo |  | B230+LRax24.MFT | 1 | \$739.00 | 58\% | \$310.38 |
| B230+LRX120.3 | Beimo |  | B230+LRX120.3 | 1 | \$404.00 | 58\% | \$169.68 |
| B230+LRx120.SR | Beimo |  | 8230+LRX120.SR | 1 | \$488.00 | 58\% | \$204.96 |
| 8230+LRX24.3 | Balimo |  | B230+LRX24.3 | 1 | \$369.00 | 58\% | \$154.98 |
| 8230+LR24.4.5 | Beimo |  | B230+LR2443.5 | 1 | \$424.00 | 58\% | \$178.08 |
| B230+LRX243-T | Beimo |  | B230+LRX24.7.T | 1 | \$357.00 | 58\% | \$149.94 |
| ${ }^{\text {B2300LLX } 24.4 \mathrm{MFT}}$ | Belimo |  | ${ }^{\text {B230+LRX24-MFT }}$ | 1 | \$584.00 | 58\% | \$245.28 |
| B230+LRX24-MFT95 | Belimo |  | B230+LRX24.MFT95 | 1 | \$672.00 | 58\% | \$282.24 |
| B230+LRX24.PC | Belimo |  | $\mathrm{B} 230+L \mathrm{LX24}^{\text {P/PC }}$ | 1 | \$672.00 | 58\% | \$282.24 |
| B230+LRX24.SR | Belimo |  | B230+LRX24.SR | 1 | \$453.00 | 58\% | \$190.26 |
| B230+LRX24-SR-T | Belimo |  | B2300LRX24-SR-T | 1 | \$439.00 | 58\% | \$184.38 |
| 8230+NRB24.3. N 4 | Balimo |  | B230+NB824.3. N 4 | 1 | \$654.00 | 58\% | \$274.68 |
| B23O+NB624.3.7NH | Belimo |  | B230+N8824.3.7 TAH | 1 | \$1,012.00 | 58\% | \$425.04 |
| B230+NB824.SR-TN4 | Beimo |  | B230+NB824-SR-T N4 | 1 | \$736.00 | 58\% | \$309.12 |
| 8230+NRB24-SR.TN4H | Belimo | 2.way CCV, SS Trim, 1114 ", CV 19 with Non-Spring Reumm,70 in-Ib, 2.10 Voc, 24V |  | 1 | \$1,094.00 | 58\% | \$459.48 |
| B230+NRX24MET-TN4 | Belimo |  | B230+NXX24MFT-TN4 | 1 | \$869.00 | 58\% | \$364.98 |
| B230+NR 2 2-MET-T- NAH | Belimo |  | B230+NRX24-MFT-TNAH | 1 | \$1,227.00 | 58\% | \$515.34 |
| ${ }^{\text {B231+AFRB24 }}$ | Belimo | 2.way CCV, SS T Tim, 1-144", Cv 25 with Spring Reumm, 180 in.lb, Onoti, 24 V | ${ }^{\text {B231 }}$ AFRB824 | 1 | \$582.00 | 58\% | \$244.44 |
| B231+AFR824-S | Belimo | 2.way CCV, SS Tim, 1-1/14", Crv 25 with Sping Retur, 180 in-ibl, Onoftr,24V | B231+AFR824-S | 1 | \$676.00 | 58\% | \$283.92 |
| ${ }^{\text {B231 }}$ AfR8824-SR | Belimo |  | ${ }^{\text {B23 }}$ +AAFB824-SR | 1 | \$722.00 | 58\% | \$303.24 |
| ${ }^{\text {B231+AFRBuIP }}$ | Belimo |  | B231+ARBbup | 1 | \$640.00 | 58\% | \$268.80 |
| ${ }^{\text {B23 }}$ +AFRBup-S | Belimo |  | B231+AFRbup.s | 1 | \$730.00 | 58\% | \$306.60 |
| B231+AFRX24 | Beimo |  | B231+AFPX24 | 1 | \$582.00 | 58\% | \$244.44 |
| B231+AFRX24-MFT | Belimo |  | B231+AFRX24MFT | 1 | \$828.00 | 58\% | \$347.76 |
| в231+AFRX24MFT95 | Beimo |  | ${ }^{\text {B231AARK24.MFT95 }}$ | 1 | \$863.00 | 58\% | \$362.46 |
| B231+AFFR24-MFT-S | Beimo |  | B231AAFR24-MF-S $^{\text {a }}$ | 1 | \$920.00 | 58\% | \$386.40 |
| ${ }^{\text {B23 }}$ +AFRX24-S | Beimo |  | ${ }^{\text {B231+AFFX24 }}$ S | 1 | \$676.00 | 58\% | \$283.92 |
| ${ }^{\text {B231 }}$ AFRX24.SR | Belimo | 2 2-way CCV, SS Tim, ,1-1/4", Cv 25 with Sping Reuun, 180 in-lb, 2 2-10 Voc, 24 V | ${ }^{\text {B23 }}$ +AFRR24.SR | 1 | \$726.00 | 58\% | \$304.92 |
| B231+AFRXUP | Beimo |  | ${ }^{\text {b231+AFFXUP }}$ | 1 | \$640.00 | 58\% | \$268.80 |
| B231+AFRxup-s | Beimo |  | B231+AFRxup S | 1 | \$730.00 | 58\% | \$306.60 |
| B231+ARB120.3 | Beimo |  | B231+ARB120.3 | 1 | \$465.00 | 58\% | \$195.30 |
| ${ }^{\text {B23 }}$ +AABB120.SR | Belimo |  | ${ }^{\text {B23 }}$ +AABB20.SR | 1 | \$595.00 | 58\% | \$249.90 |
| ${ }^{\text {B233+ARB24-3 }}$ | Belimo |  | B231+ARB24.3 | 1 | \$426.00 | 58\% | \$178.92 |
| B231+A8824.3.S | Beimo |  | B231+A8824.3.S | 1 | \$486.00 | 58\% | \$204.12 |
| B231+ARB24-T ${ }^{\text {T }}$ | Belimo | 2.way CCV, SS Tim, 1-1/44, Cv 25" with Non-Spring Retum, 880 inilb, Onothflioaing,24V | B231+ARB24-3. ${ }^{\text {T }}$ | 1 | \$414.00 | 58\% | \$173.88 |

The scope of this contract includes the following
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and in integrated with the Integrated


Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and , commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
Integrated BAS/EMS/IItegrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor
Controlled HVAC Equipment using a device including, but not limited to a router gatewa. FireAlarm Interface Panel (FIAP), andor other Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs howers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
. Factory Installed/Factory-Provided micro-processor--controlled included/cont
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpse 1 , Telecommicaions, Networking Cabling,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Wodel Number |  | oduct Dossipipion | Code | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | ${ }^{\text {chave } 54}$ | Lst Pise | \% Discomt | NVS Nat Price |
| B231+ARB24.3.T N4 | Baimo |  | B231+ARB24.3. N 4 | 1 | \$711.00 | 58\% | \$298.62 |
| B231+A8B24.3.TN4H | Baimo |  | B231+AR824.3.TN4H | 1 | \$711.00 | 58\% | \$298.62 |
| B231+AB824MFT | Baimo |  |  | 1 | \$613.00 | 58\% | \$257.46 |
| B231+A8B24-SR | Balimo |  | B231+ARB24.SR | 1 | \$564.00 | 58\% | \$236.88 |
| B231+ARB24-SR-T | Baimo |  | B231+ARB24-SR-T | 1 | \$549.00 | 58\% | \$230.58 |
| B231+ARB24SR.TN4 | Balimo |  | B231+AAB24.SR.TN4 | 1 | \$844.00 | 58\% | \$354.48 |
| B231+ARB24-SR.T NaH | Baimo |  | B231AAB824.SR-T N NH | 1 | \$1,202.00 | 58\% | \$504.84 |
| B231+ARX120.3 | Beimo |  | B231+ARX120.3 | 1 | \$465.00 | 58\% | \$195.30 |
| B231+ARx120-SR | Beimo |  | B231+ARX 120.SR | 1 | \$595.00 | 58\% | \$249.90 |
| B231+ARX24-3 | Baimo |  | B231+ARX24.3 | 1 | \$426.00 | 58\% | \$178.92 |
| B231+ARX243-S | Baimo |  | B231+ARX24-3.5 | 1 | \$486.00 | 58\% | \$204.12 |
| B231+ARX24.-T | Baimo |  | B231+ARX24.3.T | 1 | \$414.00 | 58\% | \$173.88 |
| B231AAR 2 2-MFT | Baimo |  | B231+ARX24MFT | 1 | \$613.00 | 58\% | \$257.46 |
| B231+ARX24MFT95 | Balimo | 2 -way CCV, SS Tim, ,1-1/4", Cv 25" wit Non-Sping Reumm,180 in-lb, MFT,24V | B231+ARX24MET95 | 1 | \$713.00 | 58\% | \$299.46 |
| B231+AR×24MfT-TN4 | Balimo |  | B231+ARX24MFT.TN4 | 1 | \$895.00 | 58\% | \$375.90 |
| B231+ARX24MFT.TN4H | Baimo |  | B231+ARX24-MFT-TNAH | 1 | \$1,253.00 | 58\% | \$526.26 |
| ${ }^{\text {B231+ARX24.PC }}$ | Baimo |  | ${ }^{\text {B231+ARX24.PC }}$ | 1 | \$713.00 | 58\% | \$299.46 |
| B231+ARX24.SR | Baimo |  | B231+ARX24.SR | 1 | \$564.00 | 58\% | \$236.88 |
| B231+AAR24-SR-T | Balimo | 2-way CCV, SS Timm, 1-1/4", Cv 25" with Non-Sping Reutm, 880 in-lb, $2-10$ voc, 24V | B231+ARX24-SR-T | 1 | \$549.00 | 58\% | \$230.58 |
| B231+NRab24-1 | Baimo |  | в231+NRa824-1 | 1 | \$724.00 | 58\% | \$304.08 |
| B231+NROB24-MFT | Baimo |  | B231+NROB24-MFT $^{\text {a }}$ | 1 | \$769.00 | 58\% | \$322.98 |
| B231+NRaX24-1 | Balimo | 2 -way CCV, SS Timm, 1-1/4", Cv 25" with Non-Sping Reumm,70 in-lb, Onotit,24V | B231+NROX24-1 | 1 | \$724.00 | 58\% | \$304.08 |
| ${ }^{\text {B23 }}$ +NROX 24 -MFT | Baimo |  | ${ }^{\text {B23 }}$ +NROX 24 -MFT | 1 | \$769.00 | 58\% | \$322.98 |
| B232AAFB24 | Balimo | 2.way CCV, SS Tim, 1-1/4", CV37 with Sping Retur, 188 in-ib, Onofit, 24V | B232-AFRB24 | 1 | \$584.00 | 58\% | \$245.28 |
| B232AAFB24-S | Balimo | 2.way CCV, SS Tim, ,1-144", Cv 37 with Spring Retur, 180 in-ib, Onoft, 24V | B232AFRB24-S | 1 | \$676.00 | 58\% | \$283.92 |
| B232+AFR824.SR | Balimo | 2.way CCV, SS Timm, 1-1/44, Cv 37 with Spring Reutm, 880 in-lb, $2-10 \mathrm{VOC}, 24 \mathrm{~V}$ | B232AAFR824.SR | 1 | \$725.00 | 58\% | \$304.50 |
| B2232+AFBBUP | Baimo |  | B232+AFRBUP | 1 | \$646.00 | 58\% | \$27.32 |
| B232AFRBup-S | Baimo |  | B232AFRBup-S | 1 | \$736.00 | 58\% | \$309.12 |
| B232+AFPX24 | Baimo |  | B232+AFRX24 | 1 | \$584.00 | 58\% | \$245.28 |
| B232+AFRX24MFT | Baimo | 2 2-way CCV, SS Trim, 1-1/4", CV 37 " with Spring Return, 80 in inlb, MFT, 24V | B232AFRX24MFT | 1 | \$830.00 | 58\% | \$348.60 |
| B232+AFRX24MFT95 | Balimo |  | B232+AfRX24-MET95 | 1 | \$865.00 | 58\% | \$363.30 |
| B232+AFRX24-MFT-S | Baimo |  | B232+AFRK24MFT-S | 1 | \$922.00 | 58\% | \$387.24 |
| B232AAFRX24-S | Baimo |  | ${ }^{\text {B232+AFFX24-S }}$ | 1 | \$676.00 | 58\% | \$283.92 |
| B232AAFRX24-SR | Beimo | 2.way CCV, SS Tim, 1-1/44, CV 37 with Spring Reum, 80 in-lb, $2-10$ Vdc,24V | B232AAFR24.SR | 1 | \$725.00 | 58\% | \$304.50 |
| B232AAFxXUP | Baimo |  | B232+AFRXUP | 1 | \$646.00 | 58\% | \$271.32 |
| B232AAFxup-S | Baimo |  | B232AFARxup-s | 1 | \$736.00 | 58\% | \$309.12 |
| B232+ARB120.3 | Baimo |  | B232+ARB120.3 | 1 | \$471.00 | 58\% | \$197.82 |
| ${ }^{\text {B232AARB120.SR }}$ | Baimo |  | ${ }^{\text {B232AARB120.SR }}$ | 1 | \$373.00 | 58\% | \$156.66 |
| 8232+AB824-3 | Baimo |  | 8232+AB824-3 | 1 | \$435.00 | 58\% | \$182.70 |
| B232ARB243.S | Baimo |  | $\operatorname{B232AABB24.3.S~}^{\text {S }}$ | 1 | \$492.00 | 58\% | \$206.64 |
| 8232+A8B24.3.T | Baimo |  | 8232AR824.3.T | 1 | \$420.00 | 58\% | \$176.40 |
| B232+AR824.-T Na | Baimo |  | 8232+AB824-3. NA | 1 | \$713.00 | 58\% | \$299.46 |
| B232+A8B24.3.7N4H | Baimo |  | B232+AB824.3.TNAH | 1 | \$713.00 | 58\% | \$299.46 |
| 8232+AB824MFT | Baimo |  | B232+ABB24M-T | 1 | \$627.00 | 58\% | \$263.34 |
| B232AAB24-SR | Balimo |  | B232AAB24-SR | 1 | \$568.00 | 58\% | \$238.56 |
| B232+AR824-SR-T | Baimo |  | B232+AR824-SR-T | + | \$555.00 | 58\% | \$233.10 |
| B232+AB824SR.TN4 | Baimo |  | B232+AB824.SR-TN4 | 1 | \$847.00 | 58\% | \$355.74 |
| B232-ARB24.SR.TN4H | Beimo |  | B232AAB824.SRRTT N4H | , | \$1,205.00 | 58\% | \$506.10 |
| B232+ARx×120.3 | Baimo |  | B232+ABX120.3 | 1 | \$477.00 | 58\% | \$197.82 |
| ${ }^{\text {B232 }}$ ARX120.SR | Baimo |  | ${ }^{\text {B232AARX120.SR }}$ | 1 | \$373.00 | 58\% | \$156.66 |
| ${ }_{\text {B232+ARX24 }}$ | Baimo |  | B232+ARX24.3 | 1 | \$435.00 | 58\% | \$182.70 |
| 8232ARX243-5 | Baimo |  | B232ARX243-5 | 1 | \$492.00 | 58\% | \$200.64 |
| B232ARX24.3.T | Baimo |  | B232ARX24.3.T | 1 | \$420.00 | 58\% | \$176.40 |
| B232AARX24MFT | Beimo |  | ${ }^{\text {B232 }}$ ARX24-MFT | 1 | \$627.00 | 58\% | \$263.34 |
| B232+AR24-MET95 | Baimo |  | B232+AR24-MFT95 | 1 | \$724.00 | 58\% | \$304.08 |
| B232-AR×24MfT-TN4 | Balimo | 2 2-way CCV, SS Tim, ,1-1/4", Cv $377^{7}$ with Non-Spring Reum, 160 in-lb, MFT,24V | B232AAX24-MfT.TN4 | + | \$900.00 | 58\% | \$378.00 |
| B232+ARX24MFT-TN4H | Beimo |  | B232+ARX24-MFT-TNAH | 1 | \$1,258.00 | 58\% | \$528.36 |
| ${ }^{\text {B232+ARX24.PC }}$ | Baimo |  | B232+ARX24.PC | 1 | \$724.00 | 58\% | \$304.08 |
| B232+ARX24.SR | Baimo |  | B232+ARX24.SR | 1 | \$568.00 | 58\% | \$238.56 |
| ${ }^{\text {B232-AAX24-SR-T }}$ | Baimo |  |  | 1 | \$555.00 | 58\% | \$233.10 |
| B232+NROB24-1 | Baimo |  | B232+NROB24-1 | , | \$739.00 | 58\% | \$310.38 |
| 8232+NROB24-MFT | Balimo |  | B232-NROB24-MFT | 1 | \$785.00 | 58\% | \$329.70 |
| B323+NRaX24-1 | Balimo |  | B323+NRaX24-1 | , | \$739.00 | 58\% | \$310.38 |
| B232+NROX24-MFT | Balimo |  | B232+NROX24MET | 1 | \$785.00 | 58\% | \$329.70 |
| ${ }^{\text {B238 }}$ +AFB824 | Baimo | 2.way CCV, SS TTim, 1-1/2\%: CV 19 with Spring Retur, 188 in-hb, Onoftr,24V | ${ }^{\text {B238AFARB24 }}$ | 1 | \$588.00 | 58\% | \$246.96 |
| B238+AFB824-S | Baimo |  | B238AAFRB24-S | 1 | \$682.00 | 58\% | \$286.44 |
| B238AAFB824.SR | Baimo |  | B238+AFR824.SR | 1 | \$731.00 | 58\% | \$307.02 |
| B238+AFRBUP | Baimo |  | B238+AFRBUP | 1 | \$646.00 | 58\% | \$271.32 |
| B238+AFRBup-s | Baimo |  | B238+AFRBup-S | 1 | \$736.00 | 58\% | \$309.12 |
| B238+AFRX24 | Baimo |  | B238+AFRX24 | 1 | \$588.00 | 58\% | \$246.96 |
| B238+AFRX24MFT | Baimo |  | B238+AFFX24-MFT | 1 | \$834.00 | 58\% | \$350.28 |
| B238+AFFX24MFT95 | Baimo |  | ${ }^{\text {B238AAFRX24MFT95 }}$ | 1 | \$887.00 | 58\% | \$364.14 |
| в $\quad 238+$ AFRX24-MFT.S | Baimo |  |  | 1 | \$925.00 | 58\% | \$388.50 |
| B238AAFPX24.S | Baimo | 2.way CCV, SS Tim, 1-1/12", Cr 19 with Sping Retur, 188 in-ib, On/oftr,24V | B238AAFRX24.S | , | \$682.00 | 58\% | \$286.44 |
| B238AAFR24-SR | Baimo | 2-way CCV, SS Tim, 1-1/2", Cv 19 with Spring Reumm, 880 in-lb, 2-10 Voc, 24V | B238AAFR24-SR | 1 | \$731.00 | 58\% | \$307.02 |
| B238+AFRXUP | Balimo |  | B238+AFRXUP | 1 | \$646.00 | 58\% | \$27.32 |
| B238+AFRxup-s | Baimo |  | B238+AFrxup-s | 1 | \$736.00 | 58\% | \$309.12 |
| B238+ARB120.3 | Beimo |  | в238+ARB120.3 | 1 | \$471.00 | 58\% | \$197.82 |
| 8288+A8B120.SR | Beimo |  | B238+ARB120.SR | 1 | \$610.00 | 58\% | \$256.20 |
| 8238+AB824-3 | Baimo |  | 8238+AB824.3 | 1 | \$435.00 | 58\% | \$182.70 |
| 8238+A8B24-3.5 | Baimo |  | B238+A8824-3. ${ }^{\text {a }}$ | 1 | \$492.00 | 58\% | \$206.64 |
| 8238+A8824.3.T | Baimo |  | B238+A8824-T ${ }^{\text {T }}$ | 1 | \$420.00 | 58\% | \$176.40 |
| 8238+ARB24.3. Na | Baimo |  | B238+AB824.3. Na | 1 | \$720.00 | 58\% | \$302.40 |
| 8238+A8B24.3.TNAH | Baimo |  | B228+AAB24.3.7 TAH | 1 | \$720.00 | 58\% | \$302.40 |
| B238ARB24MFT | Beimo |  | B238AABB24MFT | 1 | \$627.00 | 58\% | \$263.34 |
| ${ }^{\text {B2384ARB24.SR }}$ | Baimo |  | ${ }^{\text {B233+ARB24-SR }}$ | 1 | \$576.00 | 58\% | \$241.92 |
| B238+ARB24-SR-T | Baimo |  | B238AAB24-SR-T | 1 | \$564.00 | 58\% | \$23.88 |

The scope of this contract includes the following
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and in integrated with the Integrated

3. Integrated Microprocessor-Controlled HVAC Equpent such Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory

Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and , commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
Integrated BAS/EMS/IItegrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor
Controlled HVAC Equipment using a device including, but not limited to a ret Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

It Itegrated Microprocessor-Based HVAC Equipment;

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
. Factory Installed/Factory-Provided micro-processor--controlled included/contr
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpsse 1 , Telecommicaions, Networking Cabling,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communcate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Mooel Mumber |  | duct Desariplion | Prodict Code | $\begin{gathered} \text { "Warranty Period - \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \end{gathered}$ | List Price | \% Discount |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B238+AR824SR.TN4 | Balimo |  | B238+AR824.SR-TN4 | , | \$859.00 | 58\% | \$360.78 |
| B238AAB24-SRTT NaH | Beimo |  | B238+AB824-SR-TN4H | 1 | \$1,217.00 | 58\% | \$511.14 |
| B238+ARX120.3 | Belimo |  | B238+ARX120.3 | 1 | \$471.00 | 58\% | \$197.82 |
| B238AARX120.SR | Beimo |  | B238ARX120.SR | 1 | \$610.00 | 58\% | \$256.20 |
| B238+AR24.3 | Belimo |  | B238+ARX24.3 | 1 | \$435.00 | 58\% | \$182.70 |
| B238+ARX24.3.S | Beimo |  | B238+ARX24.3.S | 1 | \$492.00 | 58\% | \$200.64 |
| B238+ARX24.7.T | Beimo |  | B238+ARX24.3.T | 1 | \$420.00 | 58\% | \$176.40 |
| B238+ARX24MrT | Baimo |  |  | 1 | \$627.00 | 58\% | \$263.34 |
| B238+AR24-MFT95 | Beimo |  | B238+AR24-MET95 | 1 | \$724.00 | 58\% | \$304.08 |
| B238ARX24.MF-TN4 | Beimo |  | B238+ARX24.MFT-TN4 | 1 | \$914.00 | 58\% | \$383.88 |
| B238+ARX24MFT-TNAH | Beimo |  | B238+ARX24.MFT-TNAH | 1 | \$1,272.00 | 58\% | \$534.24 |
| B238+ARX24.PC | Baimo |  | B238+ARX24.PC | 1 | \$724.00 | 58\% | \$304.08 |
| B238+ARX24.SR | Baimo |  | B238+ARX24.SR | 1 | \$576.00 | 58\% | \$241.92 |
| B238+AAX24.SR.T | Beimo |  | ${ }^{\text {B238 }}$ ARX 24 -SR -T | 1 | \$564.00 | 58\% | \$236.88 |
| B238+NRO824-1 | Belimo |  | B238+NROB24-1 | 1 | \$739.00 | 58\% | \$310.38 |
| 8238+NROB24-MFT | Beimo |  | 8238+NROB24-MFT | 1 | \$785.00 | 58\% | \$329.70 |
| B238+NROX24-1 | Beimo |  | B238+NROX24-1 | 1 | \$739.00 | 58\% | \$310.38 |
| B238+NROX24-MFT | Belimo |  | B238-NROX24-MFT | 1 | \$785.00 | 58\% | \$329.70 |
| в 8399 AFRB24 | Beimo |  | в239+AF8824 | 1 | \$590.00 | 58\% | \$247.80 |
| B239AFRR24-S | Beimo | 2.way CCV, SS Tim, 1-1/2\%: Crv 29 with Spring Retur, 180 in-ib, Onotit, 24V | B239AFR824S | 1 | \$696.00 | 58\% | \$292.32 |
| ${ }^{\text {B239 AFFRB24-SR }}$ | Beimo |  | B239AAFR824.SR | 1 | \$736.00 | 58\% | \$309.12 |
| B223+AFRBUP | Beimo |  | B239+AFRBUP | 1 | \$650.00 | 58\% | \$273.00 |
| B239AFRBup-s | Belimo |  | B239AARBup-s | 1 | \$739.00 | 58\% | \$310.38 |
| B239+AFRX24 | Belimo | 2.way CCV, SS Tim, 1-1/2": Crva with Spring Retur, 180 inibl , Onoft, 24V | B239+AFRX24 | 1 | \$590.00 | 58\% | \$247.80 |
| в239AAFRX24MFT | Beimo |  | B239AAFRX24MFT | 1 | \$836.00 | 58\% | \$351.12 |
| 8239AAFRX24MFT95 | Belimo |  | в239AAFRX24-MFT95 | , | \$869.00 | 58\% | \$364.98 |
| B239AAFRX24.MFT-S | Belimo |  | в 839 A AFRX24.MFT.S | 1 | \$927.00 | 58\% | \$389.34 |
| B239AFFRX24S | Belimo |  | B239AFFX24S | 1 | \$696.00 | 58\% | \$292.32 |
| B239AAFR24.SR | Beimo |  | B239AAFR24.SR | 1 | \$736.00 | 58\% | \$309.12 |
| B239AAFRUUP | Belimo |  | B239AFRXUP | 1 | \$650.00 | 58\% | \$273.00 |
| B239AFARxup-s | Beimo |  | B239AAFrup ${ }^{\text {S }}$ | 1 | \$739.00 | 58\% | \$310.38 |
| B239ARBB120.3 | Belimo |  | B239AARB120.3 | 1 | \$471.00 | 58\% | \$197.82 |
| B239AARB120.SR | Belimo | 2.way CCV, SS Tim, 1-1/2", Crv 29 with Non-Sping Retur, 180 inill , ,2-10 VDC, 120 to 240 V | ${ }^{\text {B239 A ABB120-SR }}$ | 1 | \$613.00 | 58\% | \$257.46 |
| B223+ARB24.3 | Belimo | 2.way COV, SS Timm, 1-1/2", Cv 29" with Non-Spring Reutm, 80 ini.lb, Onotffifoaing,24V | B2239AR824.3 | 1 | \$435.00 | 58\% | \$182.70 |
| B239AR824-3. | Belimo |  | 8239+A8824.3.5 | 1 | \$492.00 | 58\% | \$206.64 |
| 8239AR824.3.T | Beimo | 2.way COV, SS Timm, 1-1/2", Cv 29" with Non-Spring Retum, 80 ini.lb, Onotffifoaing,24V | в239+A8824.3.T | 1 | \$420.00 | 58\% | \$176.40 |
| B239+ARB24.3. Na | Beimo |  | B239+AB824.3.TN4 | 1 | \$720.00 | 58\% | \$302.40 |
| 8239ARB24.3. ${ }^{\text {NaH }}$ | Beimo |  | 8239AR824.3.TNAH | 1 | \$720.00 | 58\% | \$302.40 |
| B239ARB84-Met | Beimo |  | B239AARB24MFT | 1 | \$631.00 | 58\% | \$265.02 |
| B239+A8824.SR | Beimo |  | B239+AR824.SR | 1 | \$578.00 | 58\% | \$242.76 |
| B239ARB24-SR-T | Belimo |  | B239AAB24-SR-T | 1 | \$566.00 | 58\% | \$237.72 |
| B229 9 AR824.SR.TN4 | Beimo |  | ${ }^{\text {B239AARB24-SR-T }}$ N 4 | 1 | \$859.00 | 58\% | \$360.78 |
| B239AAB24-SRTT NaH | Belimo | 2 -way CCV, SS Tim, , t-1/2", Cv 29" wit Non-Sping Reuun,180 in-lb, 2-10 Voc, 24V | B239ARB824-SR-T NAH | 1 | \$1,217.00 | 58\% | \$511.14 |
| B239ARX 120.3 | Belimo |  | B239AARX120.3 | 1 | \$471.00 | 58\% | \$197.82 |
| ${ }^{\text {B239 }}$ AAR×120.SR | Beimo | 2.way CCV, SS Tim, 1-1/2", Cr 29 with Non-Sping Retur, 188 in-ill , 2-10 VDC, 120 to 240 V | ${ }^{\text {2239AR }}$ +120.SR | 1 | \$613.00 | 58\% | \$257.46 |
| B239+ARX24.3 | Beimo |  | B239+ARX24-3 | 1 | \$435.00 | 58\% | \$182.70 |
| B239+ARX24.3.S | Beimo |  | B239ARX24.3.S | 1 | \$492.00 | 58\% | \$206.64 |
| B239+ARX24.-T | Beimo |  | B239+A8×24.3.T | 1 | \$420.00 | 58\% | \$176.40 |
| в239+ARX24-MFT | Beimo | 2-way CCV, SS Tim, , -1/12", Cv 29" with No.-Spring Reum, 180 in-lb, MFT, 24V | B239ARX24MFT | 1 | \$631.00 | 58\% | \$265.02 |
| B2394ARX24.MFT95 | Beimo | 2 2-way CCV, SS Tim, 1-1/2", Cv 29" with Non-Sping Reuun, 1880 in-b, MFT, 24V | B239AARX24MFT95 | 1 | \$728.00 | 58\% | \$305.76 |
| B239AAX24-MT-TN4 | Belimo |  | B239AAR×4.MfT-TN4 | , | \$914.00 | 58\% | \$383.88 |
| B239+ARX24MFT-TN4H | Belimo |  | B239ARAX24-MFT-TN4H | 1 | \$1,272.00 | 58\% | \$534.24 |
| ${ }_{8239+A 8 \times 24 . P C}$ | Belimo | 2 -way CCV, SS Trim, 1-1/22", Cr 29" with Non-Spring Reum, 180 in-lb, Modulating,24V | $\mathrm{B} 239+A 8 \times 24 . P C^{\text {a }}$ | 1 | \$728.00 | 58\% | \$305.76 |
| B239ARX24.5R | Beimo |  | B239+ARX24.SR | 1 | \$578.00 | 58\% | \$242.76 |
| B239AAR24.SR-T | Belimo |  | B239AAX24-SR-T | 1 | \$566.00 | 58\% | \$237.72 |
| Bz39+NRa824-1 | Belimo | 2 -way CCV, SS Timm, 1-1/2", Cv 29" with Non-Sping Reumm,70 in-lb, Onotit,24V | B239+NRa824-1 | , | \$744.00 | 58\% | \$312.48 |
| B239+NROB24-MET | Beimo |  | в239+NROB24-MFT | 1 | \$789.00 | 58\% | \$331.38 |
|  | Beimo |  | ${ }^{\text {B239+NRax } 24.1}$ | 1 | \$744.00 | 58\% | \$312.48 |
| B239+NROX24-MFT | Belimo |  | ${ }^{\text {B239+NROX } 24.4 F T}$ | 1 | \$789.00 | 58\% | \$331.38 |
| ${ }^{\text {B240+AFRB24 }}$ | Belimo | 2.way CCV, SS Tim, 1-1/12, CCv 37 with Sping Retur, 188 in-ib, Onofit,24V | B240AAFB24 | 1 | \$592.00 | 58\% | \$248.64 |
| B240AAFB824S | Belimo | 2.way CCV, SS Tim, 1-1/12, CCv 37 with Sping Retur, 180 in i-b, Onoftr, 24V | B240AFFR824S | 1 | \$688.00 | 58\% | \$288.96 |
| ${ }^{\text {2200AAFRB24-SR }}$ | Belimo | 2.way CCV, SS Timm, 1-1/2", Cv 37 with Spring Reumm, 880 in-lb, 2-10 voc, 24V | B240AAFR224-SR | 1 | \$740.00 | 58\% | \$310.80 |
| B240AARBBUP | Belimo |  | B240+ARFBup | 1 | \$652.00 | 58\% | \$273.84 |
| ${ }^{\text {B240afarbup }}$ S | Beimo |  | B240+AFBbup-s | 1 | \$742.00 | 58\% | \$311.64 |
| B240AFFRX24 | Beimo |  | ${ }_{\text {B240afarx } 24}$ | , | \$592.00 | 58\% | \$248.64 |
| ${ }_{\text {B240+AFRX24MFT }}$ | Beimo |  | ${ }^{\text {B240AAFRX24MFT }}$ | 1 | \$838.00 | 58\% | \$351.96 |
| B240AAFXX24MFT95 | Beimo | 2.way CCV, SS Tim, 1112 \%', Cv 37 with Sping Reutm, 880 in-lb, MFT,24V | B240AAFRX24-MFT95 | 1 | \$874.00 | 58\% | \$367.08 |
| B240+AFRX24-MF-S | Belimo | 2.way CCV, SS Tim, 1 1/2"; Cu7 37 with Sping Reuur, 880 in-b, MFT, 24V | B240AAFR24-MFT-S | 1 | \$929.00 | 58\% | \$390.18 |
| B240+AFRX24.S | Belimo |  | B240AAFR24-S | 1 | \$688.00 | 58\% | \$288.96 |
| ${ }^{\text {B240AAFR } 24.5 R}$ | Baimo |  | ${ }^{\text {B240AAFR } 24.58}$ | 1 | \$740.00 | 58\% | \$310.80 |
| B240AAFxup | Beimo |  | B240AAFRXUP | 1 | \$652.00 | 58\% | \$273.84 |
| ${ }^{\text {B240afarxup }}$ S | Baimo |  | B240+AFRxup-s | 1 | \$742.00 | 58\% | \$311.64 |
| B240AARB120.3 | Baimo |  | B240AABB120.3 | 1 | \$473.00 | 58\% | \$198.66 |
| ${ }^{\text {B240+ARB120.SR }}$ | Baimo | 2.way CCV, SS Trim, $11 / 2$ ", CV 37 with Non-Sping Reumm, 188 in.lb, 2-10 VOC, 120 to 240 V | B240AABB120.SR | 1 | \$615.00 | 58\% | \$258.30 |
| B240+AB824 ${ }^{\text {a }}$ | Beimo |  | B240+AB824.3 | 1 | \$437.00 | 58\% | \$183.54 |
| B240+AR824-3 ${ }^{\text {S }}$ | Beimo |  | $8^{240+A B 824.3 .5}$ | 1 | \$494.00 | 58\% | \$207.48 |
| B240+A88243-T | Baimo |  | ${ }^{\text {8240AAB8243-T }}$ | 1 | \$422.00 | 58\% | \$177.24 |
| B240ARB824.3. Na | Baimo |  | B240+AB824.3.TN4 | 1 | \$724.00 | 58\% | \$304.08 |
| B240+A8B24.3.7 NaH | Beimo |  | B240+A8B24.3.7N4H | 1 | \$724.00 | 58\% | \$304.08 |
| B220+ARB24Met | Beimo |  | B200AABB24MFT | 1 | \$633.00 | 58\% | \$265.86 |
| B240+A8B24.SR | Belimo |  | B240AAB824SR | 1 | \$580.00 | 58\% | \$243.60 |
| B240+ARB24-SR-T | Belimo |  | B220+AB824-SR.T | 1 | \$568.00 | 58\% | \$238.56 |
| B240+ARB24-SR-TN4 | Beimo | 2 -way CCV, SS Tim, 1112 ", Cv 37 with Non-Sping Relum,160 in-lb, 2-10 voc, 24 V | B240+ABB24-SR-TN4 | 1 | \$863.00 | 58\% | \$362.46 |
| B240AAB824SRTTNAH | Beimo |  | ${ }^{\text {B240+AAB24-SR.T NaH }}$ | 1 | \$1,221.00 | 58\% | \$512.82 |
| B240AARX120.3 | ${ }^{\text {Beimo }}$ |  | ${ }^{\text {B240AARX120.3 }}$ | 1 | \$473.00 | 58\% | \$198.66 |
|  | Beimo |  | ${ }^{\text {220 }}$ +ARX120.SR | 1 | \$615.00 | 58\% | \$258.30 |
| B240+ARX243 | Belimo |  | B240+ARX243 | 1 | \$437.00 | 58\% | \$183.54 |

The scope of this contract includes the following
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and in integrated with the Integrated icroprocessor-Controiled HVAC Equipment in a building or faciinty. Building Management Systems and Bir Aug Conio Systems are a,
3. Integrated Microprocessor-Controlled HVAC Equpent such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Monted IVAC Equipment.

Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and . commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
Integrated BAS/EMS/IItegrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pane (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he

Factory Installed/Factory-Provided micro-processor--controlled included/controlle $/$ / $O$ modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose 1 , Telecomminicaions, Networking Cabing, hber Optics (e.g. phone, pbx, digital centrex, digital key systems, television, cable, T-Line, general broadband,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To comunicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| orese Number |  | ootuct Dosariplition | atcode | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54" | List Price |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B240+ARX24.3.S | Baimo |  | B240+ARX24.3.S | 1 | \$494.00 | 58\% | \$207.48 |
| B240+ABX24.3.T | Beimo |  | B240+ABX24.3.T | 1 | \$422.00 | 58\% | \$177.24 |
| B240+ARX24-MFT | Baimo |  | B240+ARX24MFT | 1 | \$633.00 | 58\% | \$265.86 |
| B240+AR24-MFT95 | Beimo |  | B240AAR24-MET95 | 1 | \$730.00 | 58\% | \$306.60 |
| B240ARX24-MF-TN4 | Baimo | 2-way CCV, SS Tim, 1112 ", Cva7 with Non-Spping Relurn,160 in-l, MFT, 24V | B240+ARX24MFT-TN4 | 1 | \$904.00 | 58\% | \$379.68 |
| B240+ARX24.MFT-T NaH | Balimo | 2-way CCV, SS Tim, 1112 ", Cv 37 with Non-Sping Reuur,180 in-lb, MFT, 24V | B240+ARX24.Mf-TNAH | 1 | \$1,262.00 | 58\% | \$530.04 |
| B240AAX24.PC | Balimo |  | B240+ABX24.PC | 1 | \$730.00 | 58\% | \$306.60 |
| B200+ARX24.SR | Beimo |  | ${ }^{\text {B240+ARX24-SR }}$ | , | \$580.00 | 58\% | \$243.60 |
| B240+ARX24-SR-T | Beimo |  | ${ }^{\text {B240+AAK24-SR-T }}$ | 1 | \$568.00 | 58\% | \$238.56 |
| B240+NRa824-1 | Balimo | 2.way CCV, Ss Tim, 1 1/2", Cv 37 with Non-Sping Reumm,70 in-lb, Onolt, 24 V | B200+NROB24-1 | , | \$746.00 | 58\% | \$313.32 |
| ${ }^{\text {B240+NROB24-MFT }}$ | Baimo |  | ${ }^{\text {B240+NROB224-MFT }}$ | 1 | \$791.00 | 58\% | \$332.22 |
| B240+NRaX24-1 | Belimo |  | B240+NRaX24-1 | 1 | \$746.00 | 58\% | \$313.32 |
| B240+NROX24-MFT | Belimo |  | ${ }^{\text {B240-NROX24MFT }}$ | 1 | \$791.00 | 58\% | \$332.22 |
| B248+AFB824 | Baimo |  | B248+AFB824 | 1 | \$820.00 | 58\% | \$344.40 |
| B248AFFR24-S | Belimo | 2.way CCV, SS Tim, 2 ", Cv 29 with Spring Reuun, 180 in-lb, Onoti, 24 L | B248AFFR24-S | 1 | \$916.00 | 58\% | \$384.72 |
| ${ }^{\text {B248 }}$ AFRB824.SR | Beimo |  | ${ }^{\text {B248AAFRB24-SR }}$ | 1 | \$985.00 | 58\% | \$413.70 |
| B248+AFBBUP | Belimo |  | B248+AFRBUP | 1 | \$881.00 | 58\% | \$370.02 |
| B248+AFBuup-s | Baimo |  | B248+AFBuup-S | 1 | \$969.00 | 58\% | \$406.98 |
| B248+AFRX24 | Belimo |  | ${ }^{\text {B248+AFRX24 }}$ | 1 | \$824.00 | 58\% | \$346.08 |
| B228+AFRX24-MFT | Balimo |  | B248+AFRX24MFT | 1 | \$1,035.00 | 58\% | \$434.70 |
| B248+AFRX24-MFT95 | Beimo |  | B248+AFRX24MFT95 | 1 | \$1,046.00 | 58\% | \$439.32 |
| B248A-AFRX24-MFT-S | Belimo | 2.way CCV, SS Timm, 2 ", Cv 29" with Sping Retur, 188 in-lb, MFT, 24V | B248AAFFX24-MFT-S | 1 | \$1,125.00 | 58\% | \$472.50 |
| B248+AFRX24-S | Beimo |  | B248AFFRX24S | 1 | \$916.00 | 58\% | \$384.72 |
| B2488AFRK24.SR | Beimo |  | B248+AFR24-SR | 1 | \$990.00 | 58\% | \$415.80 |
| B248AAFRXUP | Beimo |  | ${ }^{\text {B248+AFRXUP }}$ | 1 | \$881.00 | 58\% | \$370.02 |
| B248+AFRxup-S | Belimo |  | B248+AFAxup-S | 1 | \$969.00 | 58\% | \$406.98 |
| B248+ARB120.3 | Balimo |  | B248+ARB120.3 | 1 | \$595.00 | 58\% | \$24.90 |
| ${ }^{\text {B248+ABB120.SR }}$ | Baimo |  | B248+ARB120.SR | 1 | \$730.00 | 58\% | \$306.60 |
| 8248+AB824-3 | Beimo |  | B248+AB824-3 | 1 | \$564.00 | 58\% | \$236.88 |
| B248+A8B24.3.S | Beimo |  | B248+A8B24.3.5 | 1 | \$619.00 | 58\% | \$259.98 |
| B248+A8B24.3.T | Baimo |  | B248+A8B24.3.T | 1 | \$549.00 | 58\% | \$230.58 |
| B248+AR824.3. Na | Balimo |  | B248+AB824.3. N 4 | 1 | \$744.00 | 58\% | \$312.48 |
| B248+A8B24.3.7NAH | Beimo |  | B248+A8B24.3.TNHH | 1 | \$744.00 | 58\% | \$312.48 |
| B248+ABB24MFT | Beimo |  | B248+ARB4-MfT | 1 | \$746.00 | 58\% | \$313.32 |
| B248+A8B24.SR | Belimo |  | B248-A8B24-SR | 1 | \$699.00 | 58\% | \$293.58 |
| B248+ARB24-SR-T | Baimo |  | B224+AR824-SR-T | 1 | \$686.00 | 58\% | \$288.12 |
| B228+ARB24-SR.TN4 | Baimo |  | B248+ABB24.SR-TN4 | 1 | \$865.00 | 58\% | \$363.30 |
| B248-A8B24.SR-T N NH | Belimo |  | B248+AB824-SR.TNAH | 1 | \$1,223.00 | 58\% | \$513.66 |
| ${ }^{\text {B248+AROB24.1. }}$ | Baimo |  | B248+ARa824-1 | 1 | \$857.00 | 58\% | \$359.94 |
| ${ }^{\text {B248-AROB224-MFT }}$ | Belimo | 2 2.way CCV, SS Tim, 2 ", CCv 29 with on-Sping Reumm,70 in-lb, MFT,24V | ${ }^{\text {B248+AROB224MFT }}$ | 1 | \$904.00 | 58\% | \$379.68 |
| B248+ARaX24-1 | Belimo | 2.way CCV, SS Tim, 2 ", Cv 29 with Non-Sping Reumm,70 in.lb, Onolit, 24 V | B248ARAX24-1 | 1 | \$857.00 | 58\% | \$359.94 |
| B248+ARaX24MFT | Balimo | 2.way CCV, SS Tim, 2 ", Crv 29 with Non-Sping Reumm,70 in-b, MFT, 24V | B248+AROX24MFT $^{\text {a }}$ | 1 | \$904.00 | 58\% | \$379.68 |
| B248+ARX 120.3 | Baimo |  | B248+ARX120.3 | 1 | \$595.00 | 58\% | \$249.90 |
| B248+ARX120.SR | Baimo |  | B248+ARX120.SR | 1 | \$730.00 | 58\% | \$306.60 |
| B248+ARX24-3 | Beimo |  | B248+AR24.3 | 1 | \$564.00 | 58\% | \$236.88 |
| B248+ARX24-3 ${ }^{\text {S }}$ | Beimo |  | B248+ARX24.3. ${ }^{\text {S }}$ | 1 | \$619.00 | 58\% | \$259.98 |
| B248+ARX24.7.T | Beimo |  | B248+ARX24.7.T | 1 | \$549.00 | 58\% | \$230.58 |
| B248+ARX24MeT | Belimo | 2.way CCV, SS Tim, 2", Cr 29" with Non-Sporing Reumn, 80 inibl, MFT,24V | B224+ARX24MFT | 1 | \$746.00 | 58\% | \$313.32 |
| B248+ARX24-MFT95 | Beimo |  | B248+AR24 M M 795 | 1 | \$849.00 | 58\% | \$356.58 |
| B248+ARX2-MT-T-TN4 | Belimo |  | B248+ARX24MFT-TN4 | , | \$920.00 | 58\% | \$386.40 |
| B248+ARX24-MFT-TNAH | Beimo |  | B248+ARX24-Mf-TN4H | 1 | \$1,278.00 | 58\% | \$536.76 |
| B248+ARX24.PC | Beimo | 2.way CCV, SS Tim, 2 ", Cr 29" with Non-SPring Retur, 180 in-b, Moduling. 24 V | ${ }_{8248+A R \times 24 . P C}$ | 1 | \$849.00 | 58\% | \$356.58 |
| B248+ARX24.SR | Beimo |  | B248+ARX24.SR | 1 | \$699.00 | 58\% | \$293.58 |
| ${ }^{\text {B248+AAR } 24-5 R-T}$ | Beimo |  | ${ }^{\text {B248+AAK24-SR-T }}$ | 1 | \$686.00 | 58\% | \$288.12 |
| B249AFRB24 | Belimo |  | B299AFRB24 | 1 | \$830.00 | 58\% | \$348.60 |
| B249AFRB24-S | Belimo |  | B249AFRB24-S | 1 | \$925.00 | 58\% | \$388.50 |
| B249AAFB824.SR | Belimo |  | B299AFAB824-SR | 1 | \$992.00 | 58\% | \$416.64 |
| B299AAFBuI | Belimo |  | B299+AFBbup | 1 | \$891.00 | 58\% | \$374.22 |
| B249AFRBup-S | Beimo |  | B299+AFRBUPS | 1 | \$980.00 | 58\% | \$411.60 |
| B299+AFR24 | Beimo |  | B299+AFR24 | 1 | \$830.00 | 58\% | \$348.60 |
| B249AFFR24-MFT | Beimo |  | ${ }^{\text {B249AAFRX24-MFT }}$ | 1 | \$1,043.00 | 58\% | \$438.06 |
| B249AFFX24MFT95 | Belimo | 2.way CCV, SS Timm, 2 \%, Cr 46" with Sping Reumr, 188 in-lb, MFT, 24V | B249AFFX24-MFT95 | 1 | \$1,055.00 | 58\% | \$443.10 |
| B299AFFRX24-MFT-S | Belimo |  | B249AFFX24MFT-S | 1 | \$1,134.00 | 58\% | \$476.28 |
| B299AFFX24-S | Belimo |  | B249AFFRX24S | 1 | \$925.00 | 58\% | \$388.50 |
| B249AAFR24-SR | Beimo |  | B299AAFR24-SR | 1 | \$992.00 | 58\% | \$416.64 |
| B299AFRXup | Belimo |  | B299+AFRXUP | 1 | \$891.00 | 58\% | \$374.22 |
| ${ }^{\text {B249AAFRXUP-S }}$ | Beimo |  | B299+AFRxup-S | 1 | \$980.00 | 58\% | \$411.60 |
| B249ARB6120.3 | Beimo |  | B249ARAB120.3 | 1 | \$597.00 | 58\% | \$250.74 |
| B249AABB120.SR | Beimo |  | B249ARB120.SR | 1 | \$736.00 | 58\% | \$309.12 |
| 8299+AB824-3 | Beimo |  | B299+AB824-3 | 1 | \$566.00 | 58\% | \$237.72 |
| 8249AR824.3.5 | Beimo |  | B249AR824-3.5 | 1 | \$621.00 | 58\% | \$260.82 |
| B249+AB824-T | Belimo |  | B249+AB824-T | 1 | \$551.00 | 58\% | \$231.42 |
| B249ARB824.3.TN4 | Belimo |  | B299+AB824.3. Na | 1 | \$847.00 | 58\% | \$355.74 |
| B299+A8B24.3.TNAH | Beimo |  | B299ARB24.3.TN4H | 1 | \$847.00 | 58\% | \$355.74 |
| B249AR824MeT | Belimo |  | B249AAB824MFT | 1 | \$750.00 | 58\% | \$315.00 |
| 8249AAB824.SR | Baimo |  | B249+ARB24-SR | 1 | \$705.00 | 58\% | \$296.10 |
| B249+AB824-SR-T | Belimo |  | B249AAB24-SR-T | 1 | \$693.00 | 58\% | \$291.06 |
| B249ARB24SRRT T 4 | Beimo |  | B249+ABB24-SR.T T4 | 1 | \$984.00 | 58\% | \$413.28 |
| B299AAB824SR-T N4H | Beimo |  | B299AARB24.SR-TN4H | 1 | \$1,342.00 | 58\% | \$563.64 |
| B299+ARab24-1 | Belimo | 2.way CCV, SS Tim, 2 ", Cr 46 with No.-Sping Reumm,70 in-Ib, Onoftr,24V | B249+ARab24-1 | 1 | \$861.00 | 58\% | \$361.62 |
| B299+AROB24-MET | Beimo | 2.way CCV, SS Tim, 2 2", cr 46 with Non-Sping Reumm,70 in-b, MFT, 24V | B299+AROB24MET | 1 | \$908.00 | 58\% | \$381.36 |
| B249+ARaX24.1 | ${ }^{\text {Beimo }}$ |  | ${ }^{\text {B249+ARax } 24.1}$ | 1 | \$861.00 | 58\% | \$361.62 |
| ${ }^{\text {B299ARAROX } 24 \text { MFT }}$ | ${ }^{\text {Beimo }}$ | ${ }^{2}$ 2.way CCV, SS Tim, 2 \% C C 46 6 with Non-SPping Reumm,70 in-b, MFT, 24V | ${ }^{\text {B249ARAOX24-MFT }}$ | 1 | \$988.00 | 58\% | \$381.36 |
| B249+ARX 120.3 | Belimo |  | B249AARX120.3 | 1 | \$597.00 | 58\% | \$250.74 |
| ${ }^{\text {2299APAR120.SR }}$ | Beimo |  | B299ARX120-SR | 1 | \$736.00 | 58\% | \$309.12 |
| 8299+ARX24.3 | Beimo |  | B299+ARX24-3 | 1 | \$566.00 | 58\% | \$237.72 |
| $8^{2949+A 8 \times 24.3 .5}$ | Beimo |  | B299+ARX24.3.5 | 1 | \$621.00 | 58\% | \$260.82 |
| B249+ARX24.7T | Beimo |  | B299+ARX24.7.T | 1 | \$551.00 | 58\% | \$231.42 |
| B249AAR×24MrT | Beimo |  | B249AAR24.MFT | 1 | \$750.00 | 58\% | \$315.00 |
| B249AAR24-MET95 | Beimo |  | B299AAR24-MET95 | , | \$853.00 | 58\% | \$358.26 |
| B249ARX24-MT-TTN4 | Belimo |  | B249AAR24-MmT-TN4 | 1 | \$1,033.00 | 58\% | \$433.86 |
| B249ARAX24MFT-T NAH | Belimo |  | B249ARA24-MF-T T N4H | 1 | \$1,391.00 | 58\% | \$584.22 |

The scope of this contract includes the following
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Eroprocessor-Controled
. Integrated Microprocessor-Controlled HVAC Equinent sch as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mont HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and , commission and which are integra
products by the authorized user.
4. Integrated BAS/ESS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel etc.) to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated platforms/systems.
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenance of Integrated Microprocessor-Based HVAC Equipme c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or mainten
Cleans, tests, and balances the Integrated Microprocessor-Controlled HVAC Equipment in accordance with Code Requirements.

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
Factory Installed/Factory-Provided micro-processor-centiator, heat pump, remote I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and in integrated with the Integrated croprocessor-Controiled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Espmperized Sy Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and , commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
Integrated BAS/EMS/IItegrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pane (FIAP), and/or other similar device, which utiize certain protocis (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) II certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
. Factory Installed/Factory-Provided micro-processor--controlled included/contro
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose 1 , Telecommicaions, Networking Cabing, fier optics (e.g. phone, pox, digial centrex, digital key systems, television, cabs, Line, general broadband,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Wosel Number |  | ton | Coose | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54 " | Lst Pice |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B222AARX24MFT | Belimo |  | B222+ARX24MFT | , | \$1,094.00 | 58\% | \$459.48 |
| B225+ARX24MFT95 | Beimo |  | B252+ARX24MFT95 | 1 | \$1,191.00 | 58\% | \$500.22 |
| B252AAR24-MT-TTN4 | Belimo | 2 -way CCV, SS Timm, 2 ", Cv 85 with Non-Sping Retur, 160 in-b, Mer, 24 V | B252+ARX24MFT-TN4 | 1 | \$1,311.00 | 58\% | \$550.62 |
| B252-AAX24MFT-TN4H | Beimo |  | B252+ARX24-MFT-TN4H | 1 | \$1,669.00 | 58\% | \$700.98 |
| ${ }^{\text {B252+ARX24.PC }}$ | Beimo |  | ${ }^{\text {B252+ARX24.PC }}$ | 1 | \$1,191.00 | 58\% | \$500.22 |
| B253+AFRB24 | Belimo |  | B253-AFRB24 | 1 | \$1,153.00 | 58\% | \$484.26 |
| B253+AFR824-S | Beimo |  | B253+AFR824S | 1 | \$1,250.00 | 58\% | \$525.00 |
| B253+AFRBuP | Beimo |  | B253+ARBLUP | 1 | \$1,218.00 | 58\% | \$511.56 |
| B253+ARBBup-S | Belimo |  | B253+AFBBup-S | 1 | \$1,307.00 | 58\% | \$548.94 |
| ${ }_{\text {B253 }}$ AFRX 24 | Belimo |  | B253+AFRX24 | 1 | \$1,153.00 | 58\% | \$484.26 |
| B253+AFRX24-MFT | Beimo |  | B253+AFPX24MFT | , | \$1,296.00 | 58\% | \$544.32 |
| B2253AFRX24MFT95 | Beimo |  | в253+AFRX24-MFT95 | 1 | \$1,304.00 | 58\% | \$547.68 |
| B253+AFPX24-MfT-S | Belimo |  | B253+AFRX24-MfT-S | 1 | \$1,385.00 | 58\% | \$581.70 |
| B253+AFRX24. | Belimo |  | B253+AFRX24S | 1 | \$1,250.00 | 58\% | \$525.00 |
| B253+AFRXUP | Beimo |  | B253+AFRXUP | 1 | \$1,218.00 | 58\% | \$511.56 |
| B253+AFrxup-s | Belimo | 2 -way CCV, SS Tim, 2 ", Cv 220 with Sping Reurn, 880 in-lb, Onoti, 2410240 V ( (P) | B253+AFRxup-s | 1 | \$1,307.00 | 58\% | \$548.94 |
| B253+ARB120.3 | Belimo |  | B253+ARB120.3 | 1 | \$990.00 | 58\% | \$415.80 |
| 8225+AR824.3 | Beimo |  | 8253+ARB24 ${ }^{\text {a }}$ | 1 | \$955.00 | 58\% | \$401.10 |
| 8253-A8824.3.5 | Belimo |  | B253+A8824.3.S | 1 | \$1,013.00 | 58\% | \$425.46 |
| B253+AR824.3.T | Belimo |  | 8253+ARB243-T | 1 | \$941.00 | 58\% | \$395.22 |
| 8253+AB824.3.T N4 | Beimo |  | 82253+AB824.3. N 4 | 1 | \$1,172.00 | 58\% | \$492.24 |
| B253+A8824.3.T NaH | Beimo |  | B253+A8B24.3.7NH | 1 | \$1,172.00 | 58\% | \$492.24 |
| 8253+AB824-MFT | Beimo |  | ${ }^{\text {B253 }}$ AAB824MfT | 1 | \$1,159.00 | 58\% | \$486.78 |
| B223-AAB24-SR-T N4 | Beimo |  | B253+ARB24-SR-TN4 | 1 | \$1,316.00 | 58\% | \$55.72 |
| B253+AB824-SR-TN4H | Belimo | 2.way CCV, SS Tim, 2 ", CV 120 with Non-Sping Reumr, 188 inilb, 2.10 V VC, 24 V | 8253+AB824-SR-TNAH | 1 | \$1,674.00 | 58\% | \$703.08 |
| B253+A8X120.3 | Belimo |  | B253+A8X120.3 | 1 | \$990.00 | 58\% | \$415.80 |
| B253+ARX24.3 | Belimo |  | B253+ARX24.3 | 1 | \$955.00 | 58\% | \$401.10 |
| 8253+A8X243.5 | Belimo |  | B253+ARX24.3.S | 1 | \$1,013.00 | 58\% | \$425.46 |
| в253+ARX24.4.T | Beimo | 2.way CCV, SS Tim, 2", CV1 120 with Non-Sping Return, 180 in-lb, Onotififloaing, 24V | B253+ARX24.4.T | 1 | \$941.00 | 58\% | \$395.22 |
| B253+AR24-MFT | Belimo |  | B253+AR24-MFT | 1 | \$1,159.00 | 58\% | \$486.78 |
| B253+AR24-MFT95 | Beimo | 2.way CCV, SS Trim, 2 \%, CVI 120 with Non-Sping Return, 180 in-b, Mr.,.24V | 8253+AR24-MET95 | 1 | \$1,222.00 | 58\% | \$513.24 |
| B253+ARX24-MT-TN4 | Belimo |  | в2253+ARX24MFT-TN4 | 1 | \$1,379.00 | 58\% | \$579.18 |
| B253+ARX24MFT-T NAH | Beimo |  | B253+ARX24.MFT-TN4H | 1 | \$1,737.00 | 58\% | \$729.54 |
| ${ }^{\text {B253+ARX24.PC }}$ | Belimo |  | ${ }^{\text {B253+ARX24.PC }}$ | 1 | \$1,222.00 | 58\% | \$513.24 |
| B254AFPB24 | Beimo |  | B254AAFB824 | 1 | \$1,157.00 | 58\% | \$485.94 |
| B254AFR824S | Beimo |  | B254AFRB24S | + | \$1,457.00 | 58\% | \$611.94 |
| B254AFRBUP | Belimo |  | B254AFRBUP | 1 | \$1,421.00 | 58\% | \$596.82 |
| B2544AFBBup.S | Beimo |  | B254AARBup-S | 1 | \$1,514.00 | 58\% | \$635.88 |
| B254AFRX24 | Beimo |  | B254AFFXX24 | 1 | \$1,157.00 | 58\% | \$485.94 |
| B254AFRX24.MFT | Belimo |  | B254AAFRX24MFT | 1 | \$1,297.00 | 58\% | \$544.74 |
| B2544AFRX24MFT95 | Belimo |  | B2544AFRX24-MFT95 | 1 | \$1,496.00 | 58\% | \$628.32 |
| B254AAFRX24MFT-S | Beimo |  | B2544AFRX24-MFT-S | 1 | \$1,579.00 | 58\% | \$663.18 |
| B254AFFX24-S | Beimo | 2.way CCV, SS Tim, 2 ", Cr 240 with Sping Reutr, 180 inilb, Onotit,24V | B254AFFX24S | 1 | \$1,457.00 | 58\% | \$611.94 |
| B254AFRXUP | Belimo |  | B254AFRXUP | 1 | \$1,421.00 | 58\% | \$596.82 |
| B254AAFRXUP.S | Belimo |  | B254AFRxup-S | 1 | \$1,514.00 | 58\% | \$635.88 |
| B254ARB120.3 | Beimo |  | B254ARB120.3 | 1 | \$1,193.00 | 58\% | \$501.06 |
| 82544ARB24.3 | Belimo |  | 82544ARB24-3 | 1 | \$1,159.00 | 58\% | \$486.78 |
| B254AR824.3.s | Beimo |  | B254ARB24-3. ${ }^{\text {S }}$ | 1 | \$1,218.00 | 58\% | \$511.56 |
| B2544A8824.4.T | Belimo |  | 8254ARB24.3.T | 1 | \$1,146.00 | 58\% | \$481.32 |
| 8254+AB824-3. Na | Beimo |  | 82544AB824-3. NA | 1 | \$1,242.00 | 58\% | \$521.64 |
| B254AR824.3.T NaH | Belimo |  | B254ARB24.3.7NH | 1 | \$1,242.00 | 58\% | \$521.64 |
| B254ARB24MFT | Beimo |  | B254ARB24MFT | 1 | \$1,162.00 | 58\% | \$488.04 |
| ${ }^{\text {B2544ARB24SR-TN4 }}$ | Beimo |  | B254AAB824-SR-TN4 | 1 | \$1,383.00 | 58\% | \$580.86 |
| B254AAR824SR-T N4H | Beimo |  | B254ARB24-SR-TN4H | 1 | \$1,741.00 | 58\% | \$731.22 |
| B2544ARX120.3 | Belimo |  | B2544ARX120.3 | 1 | \$1,193.00 | 58\% | \$501.06 |
| 82544ARX24.3 | Beimo |  | B254AARX24.3 | 1 | \$1,159.00 | 58\% | \$486.78 |
| B254ABX24.3.S | Belimo |  | B254ARX24.3.S | 1 | \$1,218.00 | 58\% | \$511.56 |
| B254ARX24.3.T | Beimo |  | B254ARX24.4.T | 1 | \$1,146.00 | 58\% | \$481.32 |
| B254ARX24.Mr | Beimo |  | B254ARX24M-T | , | \$1,370.00 | 58\% | \$575.40 |
| B254ARX24-MFT95 | Belimo |  | B254ARX24MET95 | 1 | \$1,425.00 | 58\% | \$598.50 |
| B254ARX24-MF-TTN4 | Belimo |  | B254ARX24.MFT-TN4 | , | \$1,447.00 | 58\% | \$607.74 |
| B254ARX24MFT-TNAH | Beimo | 2.way CCV, SS Timm, 2 \%, Crv 440 with Non-Sping Reumr, 180 inibl, Mr, ,24V | B254ARX24.MFT-TNAH | 1 | \$1,805.00 | 58\% | \$758.10 |
| B254ARX24.PC | Beimo |  | ${ }^{\text {B2544ARX24.PC }}$ | + | \$1,425.00 | 58\% | \$598.50 |
| ${ }^{\text {B261+AFRB24 }}$ | Beimo | 2.way CCV, SS Tim, 2.1/2", Cv 60 with Spring Retur, 188 in-Ib, Onolt, 24V | ${ }^{\text {B261+AFRB24 }}$ | , | \$1,160.00 | 58\% | \$487.20 |
| B261+AFRB24-S | Belimo | 2.way CCV, SS Tim, 2.1/2", Cv 60 with Spring Retur, 180 in-ib, Onolt, 24V | B261+AFRB24S | 1 | \$1,199.00 | 58\% | \$503.58 |
| B261+AFRBUP | Belimo |  | B261+AFRBUP | 1 | \$1,166.00 | 58\% | \$489.72 |
| B261+AFRBup-s | Belimo |  | B261+AFBbup-s | 1 | \$1,256.00 | 58\% | \$527.52 |
| ${ }_{\text {B261+AFRX24 }}$ | Beimo |  | B261+AFFX24 | 1 | \$1,160.00 | 58\% | \$487.20 |
| B261+AFRX24.4FT | Beimo | ${ }^{2}$-way CCV, SS Tim, 2-1/2", Cv 60 with Spring Reuun,180 in-1b, MFT, 24V | B261+AFRX24MFT | 1 | \$1,296.00 | 58\% | \$544.32 |
| ${ }^{\text {B261 }}$ +AFRX24MFT95 | Belimo | 2.way CCV, SS Timm, 2-1/2", Cv 60 with Spring Reuum, 180 in-lb, MFT, 24V | B261+AFRX24-MFT95 | 1 | \$1,256.00 | 58\% | \$527.52 |
| ${ }^{\text {B261+AFRK24-MFT-S }}$ | Belimo | 2 -way CCV, SS Tim, 2-1/2", Cv 60 with Spring Reuun, 180 in-lb, MFT, 24V | B261+AFRX24.MFT.S | 1 | \$1,341.00 | 58\% | \$563.22 |
| B261+AFRX24.S | Beimo | 2.way CCVV, SS Tim, 2.1/2", Cv 60 with Spring Retur, 180 inibl, Onofit, 24V | B261+AFRX24.S | r | \$1,199.00 | 58\% | \$503.58 |
| ${ }^{\text {B2661AFFRUuP }}$ | Beimo |  | ${ }_{\text {B261+AFRXUP }}$ | 1 | \$1,166.00 | 58\% | \$489.72 |
|  | Belimo |  | B261+AFRxup-s | 1 | \$1,256.00 | 58\% | \$527.52 |
| B261+ARB120.3 | Belimo |  | B261+ARB120.3 | 1 | \$939.00 | 58\% | \$394.38 |
| 8261+AB824-3 | Beimo |  | B261+AB824-3 | 1 | \$906.00 | 58\% | \$380.52 |
|  | Beimo |  | B261+AR824-3. ${ }^{\text {S }}$ | 1 | \$961.00 | 58\% | \$403.62 |
| ${ }^{\text {826 }} 1+$ AR8243-T $T$ | Belimo |  |  | 1 | \$893.00 | 58\% | \$375.06 |
| B261+ARB24.3.TN4 | Belimo |  | B267+AR824.3. N 4 | 1 | \$1,254.00 | 58\% | \$526.68 |
| B261+AR824.3.T NaH | Belimo |  | B261+A8B24.3. $\mathrm{NaH}^{\text {H }}$ | 1 | \$1,254.00 | 58\% | \$526.68 |
| B261+ARB24-MFT | Beimo |  | в261+ARB24-MFT | 1 | \$1,111.00 | 58\% | \$466.62 |
| ${ }^{\text {B261+AAB24-SR-TN4 }}$ | Beimo |  | B261+AB824-SR.TN4 | 1 | \$1,396.00 | 58\% | \$586.32 |
| B261+AR82-SRR-T N4H | Belimo |  | B261+AB824-SR-TN4H | , | \$1,754.00 | 58\% | \$736.68 |
| ${ }^{\text {B26 + ARX120.3 }}$ | ${ }^{\text {Belimo }}$ |  | B261+A8×120.3 | 1 | \$939.00 | 58\% | \$394.38 |
| B261+ARX24.3 | Beimo |  | B261+ARX24.3 | 1 | \$906.00 | 58\% | \$380.52 |
| B261+ARX24.3.s | Belimo |  | B261+ARX243.5 | 1 | \$961.00 | 58\% | \$403.62 |
| B261+ARX24.3.T | Beimo |  | B261+ARX24.3.T | 1 | \$893.00 | 58\% | \$375.06 |
| B261+ARX24MFT | Belimo |  | B261+AR24-M-T | 1 | \$1,111.00 | 58\% | \$466.62 |

The scope of this contract includes the following
Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and in integrated with the Integrated icroprocessor-Controled HAC Equipment in a building or faciiity. Buidng Management Systems and Bur Aug Contor Systems are abo subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equpens as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Monted Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and , commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
4. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
of Integrated Microprocessor-Based HVAC Equipmen

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs howers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he

Factory Installed/Factory-Provided micro-processor--controlled included/cont
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpse

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communcate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Wotel Number |  | mion | Cose | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54 " | List |  | Vs |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B261+ARX24-MFT95 | Balimo |  | B261+AAR24MET95 | + | \$1,214.00 | 58\% | \$509.88 |
| B261+ARX24-MF-TN4 | Belimo |  | B261+ARX24MFT-T N4 | 1 | \$1,461.00 | 58\% | \$613.62 |
| B261+ARX24-MET-TN4H | Belimo |  | B261+ARX24-MFT-TN4H | 1 | \$1,819.00 | 58\% | \$763.98 |
| B261+ARX24.PC | Belimo |  | B261+ARX24.PC | 1 | \$1,214.00 | 58\% | \$509.88 |
| B262AAFB824 | Belimo |  | B262+AFB824 | 1 | \$1,214.00 | 58\% | \$509.88 |
| B262+AFRB24-S | Belimo | 2.way CCV, SS Tim, 2-1/2", Cv 75 with Sping Retur, 180 in i-b, Onoftr,24V | B262+AFRB24S | 1 | \$1,269.00 | 58\% | \$532.98 |
| B262-AFRBUP | Belimo |  | B262+AFBbup | 1 | \$1,238.00 | 58\% | \$519.96 |
| 8262+AFBup-S | Belimo |  | B262AFRBup-S | 1 | \$1,328.00 | 58\% | \$557.76 |
| B262+AFFX24 | Belimo |  | ${ }_{\text {B262 }}$ AfFx 24 | 1 | \$1,214.00 | 58\% | \$509.88 |
| B262+AFRX24MFT | Belimo | 2-way CCV, SS Time, 2-1/2", CV 75 with Sping Reurn,1880 in-1b, MFT, 24V | B262AAFXX24MFT | , | \$1,316.00 | 58\% | \$55.72 |
| B262+AFRX24MFTT95 | Beimo |  | B622+AFRX24-MFT95 | 1 | \$1,323.00 | 58\% | \$555.66 |
| B262+AFPX24-MFT-S | Belimo | 2-way CCV, Ss Time, 2-1/2", Cv 75 with Sping Reuur,180 in-lb, MFT, 24V | B262+AFPX24MFT-S | 1 | \$1,406.00 | 58\% | \$590.52 |
| B262+AFRX24S | Belimo | 2.way CCV, SS Tim, 2-1/2", Cr 75 with Sping Retur, 180 in-ibl, Onoftr,24V | B226+AFRX24S | 1 | \$1,269.00 | 58\% | \$532.98 |
| B262-AFRXUP | Belimo |  | B262+AFRXUP | 1 | \$1,238.00 | 58\% | \$519.96 |
| B262AFAxup-S | Belimo |  | B262AFAxup-s | 1 | \$1,328.00 | 58\% | \$557.76 |
| B262+ARB120.3 | Balimo |  | B226+ARB120.3 | 1 | \$1,009.00 | 58\% | \$423.78 |
| 8262+AB824-3 | Belimo |  | B262+AB824-3 | 1 | \$973.00 | 58\% | \$408.66 |
| B262ARB243.S | Beimo |  | B262ARB24.3.S | 1 | \$1,031.00 | 58\% | \$433.02 |
| B262ARB243-T $^{\text {T }}$ | Balimo |  | ${ }^{\text {8262AAB8243-T }}$ | 1 | \$959.00 | 58\% | \$402.78 |
| 8262+AB824.3. Na | Beaimo |  | B262+AB824.3. Na | 1 | \$1,256.00 | 58\% | \$527.52 |
| B262+AB824.3.7NHH | Belimo |  | B262+A8B24.3.TNHH | 1 | \$1,256.00 | 58\% | \$527.52 |
| B262AABB24MFT | Beimo |  | B262+ABB24MFT | 1 | \$1,178.00 | 58\% | \$494.76 |
| B262ABB24SR.TN4 | Belimo |  | B262+ABB24-SR-TN4 | 1 | \$1,398.00 | 58\% | \$587.16 |
| B262+A8B24SR-TN4H | Belimo |  | B262+AB824-SR-T NAH | 1 | \$1,756.00 | 58\% | \$737.52 |
| B262+ABX120.3 | Belimo |  | B226+ARX120.3 | 1 | \$1,009.00 | 58\% | \$423.78 |
| B262+ARX24 ${ }^{\text {a }}$ | Beimo |  | B262+ARX24.3 | 1 | \$973.00 | 58\% | \$408.66 |
| B262ARX243-5 | Beimo |  | B262ARX243-5 | 1 | \$1,031.00 | 58\% | \$433.02 |
| B262ARX24.3.T | Belimo |  | B262+ARX24.3.T | 1 | \$959.00 | 58\% | \$402.78 |
| ${ }^{\text {B262 }}$ ARX24-MFT | Beimo |  | ${ }^{\text {B262 } 2 \text { AR24-MFT }}$ | 1 | \$1,178.00 | 58\% | \$494.76 |
| B262+AR24-MFT95 | Belimo |  | B262+ARX24MFT95 | 1 | \$1,277.00 | 58\% | \$536.34 |
| B262+ARX24.MF-T N4 | Beimo | 2 2-way CCV, SS Tim, 2-1/2: CV 77 w with Non-Sping Reum, 160 in-b, MFT, 24 V | B262+ARX24MFT.TN4 | + | \$1,463.00 | 58\% | \$614.46 |
| B226+ARX24-MFT-TN4H | Beimo |  | B262+ARX24.MFT-TNAH | 1 | \$1,821.00 | 58\% | \$764.82 |
| B262+ARX24.PC | Beimo |  | ${ }^{\text {B262+ARX24.PC }}$ | 1 | \$1,277.00 | 58\% | \$536.34 |
| B263+AFR824 | Beimo |  | $\mathrm{B}_{263+A F R B 24}$ | 1 | \$1,275.00 | 58\% | \$53.50 |
| B263+AFRB24-S | Belimo |  | B263+AFRB24S | 1 | \$1,336.00 | 58\% | \$561.12 |
| B263+AFRBUP | Belimo |  | B263+AFRBup | 1 | \$1,303.00 | 58\% | \$547.26 |
| B263+AFBuUP-S | Belimo |  | B263+AFBBup-S | 1 | \$1,392.00 | 58\% | \$584.64 |
| B263+AFFX24 | Belimo |  | B263+AFFX24 $^{\text {a }}$ | 1 | \$1,275.00 | 58\% | \$535.50 |
| ${ }^{\text {B263+AFRX24-MFT }}$ | ${ }^{\text {Baimo }}$ |  | B263+AFRX24M-T | 1 | \$1,381.00 | 58\% | \$580.02 |
| 8263+AFRX24MFT95 | Beimo |  | B263-AFRX24-MFT95 | 1 | \$1,387.00 | 58\% | \$582.54 |
| B263+AFRX24-MfT-S | Belimo |  | B263+AFRX24-MFT-S | + | \$1,472.00 | 58\% | \$618.24 |
| B263+AFRX24. | Beimo |  | B263+AFRX24S | 1 | \$1,336.00 | 58\% | \$561.12 |
| E263+AFRXUP | Beimo |  | B263+AFRXUP | 1 | \$1,303.00 | 58\% | \$547.26 |
| B263+AFRxUP-S | Belimo |  | B263+AFrxup-s | 1 | \$1,392.00 | 58\% | \$584.64 |
| B263+ABB120.3 | Beimo |  | B263+ABB120.3 | 1 | \$1,070.00 | 58\% | \$449.40 |
| в263+A8824-3 | Beimo |  | 8263+AB824.3 | 1 | \$1,037.00 | 58\% | \$435.54 |
| B263+A8824.3.S | Beimo |  | B263+A8824.3.S | 1 | \$1,094.00 | 58\% | \$459.48 |
| B263+AR824.3.T | Beimo |  | B263+ARB24.4.T | 1 | \$1,024.00 | 58\% | \$430.08 |
| 8263+AB824-3. Na | Beimo |  | 8263+AB824-3. NA | 1 | \$1,258.00 | 58\% | \$528.36 |
| B263+A8B24.3.7N4H | Beimo |  | B263+A8B24.3.7NH | 1 | \$1,258.00 | 58\% | \$528.36 |
| B263+AB824MFT | Beimo |  | B263+AB824M-T | 1 | \$1,246.00 | 58\% | \$523.32 |
| B263+ABB24-SR-TN4 | Beimo |  | B263+AB824-SR.TN4 | , | \$1,400.00 | 58\% | \$588.00 |
| B263+ABB24SR.TNAH | Beimo |  | B263+AB824-SR-TN4H | 1 | \$1,758.00 | 58\% | \$738.36 |
| B263+ARX120.3 | Belimo |  | B263+A8X120.3 | 1 | \$1,070.00 | 58\% | \$449.40 |
| B263+AR24.3 | Beimo |  | B263+ARX24.3 | 1 | \$1,037.00 | 58\% | \$435.54 |
| B263+ARX24.3.S | Beimo |  | B263+ARX24.3.S | 1 | \$1,094.00 | 58\% | \$459.48 |
| B263+ARX24.7.T | Beimo |  | B263+ARX24.3.T | 1 | \$1,024.00 | 58\% | \$430.08 |
| ${ }^{\text {B263 }}$ ARX24M-T | Beimo |  | ${ }^{\text {B263 ARX24-MFT }}$ | 1 | \$1,246.00 | 58\% | \$523.32 |
| B263+ARX24-MF995 | Belimo |  | B263+AR24-MFT95 | , | \$1,345.00 | 58\% | \$564.90 |
| B263+ARX24MF-TN4 | Beimo |  | B263AAR24-MFT-TN4 | 1 | \$1,465.00 | 58\% | \$615.30 |
| B263+ARX24.MET-T NaH | Beimo |  | B263+ARX24.MFT-TN4H | 1 | \$1,823.00 | 58\% | \$765.66 |
| ${ }^{2636+A R X 24 . P C}$ | Belimo |  | ${ }^{\text {B263 }}$ + $8 \times 24 . \mathrm{PC}$ | 1 | \$1,345.00 | 58\% | \$564.90 |
| B264AAFB824 | Beimo |  | B264AAFBr24 | 1 | \$1,305.00 | 58\% | \$548.10 |
| B264AFRB24-S | Beimo |  | B264AFRB24-S | 1 | \$1,400.00 | 58\% | \$588.00 |
| B264AAFBUUP | Baimo |  | B264AFRBUP | 1 | \$1,368.00 | 58\% | \$574.56 |
| B26tafrbup-s | Baimo |  | B264AFBbup-S | 1 | \$1,459.00 | 58\% | \$612.78 |
| B264AFRX24 | Beimo |  | B264AAFX24 | , | \$1,305.00 | 58\% | \$548.10 |
| B264AAFPX24MFT | Beimo |  | B264AFFXX24M-T | 1 | \$1,453.00 | 58\% | \$610.26 |
| B264AFFRX4MFT95 | Beimo |  | B2644AFRX24MFT95 | 1 | \$1,456.00 | 58\% | \$611.52 |
| B2644AFRX24-MFT-S | Baimo |  | B264AFFRX24-MFT-S | + | \$1,543.00 | 58\% | \$648.06 |
| B264AFFX24-S | Baimo |  | B264AFFX24.S | , | \$1,400.00 | 58\% | \$588.00 |
| B2664AFRXUP | Baimo |  | ${ }^{\text {B264AFFXUP }}$ | 1 | \$1,368.00 | 58\% | \$574.56 |
| B26tafrxup-S | Baimo |  | B264AAFRXUP.S | 1 | \$1,459.00 | 58\% | \$612.78 |
| B2644ARB120.3 | Beimo |  | B2644ARB120.3 | 1 | \$1,140.00 | 58\% | \$478.80 |
| 82644AB824.3 | Beimo |  | B264AAB24-3 | 1 | \$1,107.00 | 58\% | \$464.94 |
| B264ARB24.3.s | Beimo |  | B264ARB24.3.s | 1 | \$1,162.00 | 58\% | \$488.04 |
| B264ARB24.3.T | Beimo |  | B264ARB243-T | 1 | \$1,092.00 | 58\% | \$458.64 |
| 82644AB824.3. Na | Beimo |  | 8264+AB824-3. $\mathrm{NA}^{4}$ | 1 | \$1,324.00 | 58\% | \$556.08 |
| B264+ARB24.3.7NAH | Beimo |  | B26448824.3.7NaH | 1 | \$1,324.00 | 58\% | \$556.08 |
| B264+AB824MET | Beimo |  | B2644ARB2-M MT | 1 | \$1,298.00 | 58\% | \$545.16 |
| B264ARB824-SR-TN4 | Baimo |  | B264+AB824-SR.TN4 | 1 | \$1,465.00 | 58\% | ${ }_{\$ 615.30}$ |
| B264ARB24SR.TN4H | Baimo |  | B264ARB824-SR-T NAH | , | \$1,823.00 | 58\% | \$765.66 |
| B264+A8X120.3 | Belimo |  | B264+A8X120.3 | 1 | \$1,140.00 | 58\% | \$478.80 |
| B264+ARX243 | Beimo |  | B264+ABX24 ${ }^{\text {a }}$ | 1 | \$1,107.00 | 58\% | \$464.94 |

The scope of this contract includes the following:
Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Hcroprocessor-Controled

 commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
Integrated BAS/EMS/IItegrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FreAlary Interface Pane (HAP), and/or other similiar device, which utiize certain proocus (e.g. BAC Ne, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

Integrated Microprocessor-Based HVAC Equipment;

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
. Factory Installed/Factory-Provided micro-processor--controlled included/cont
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose 1 , Telecommicaions, Networking Cabing, fier optics (e.g. phone, pbx, digital centrex, digital key systems, television, cable, ,-Line, general broadband,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To comunicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

|  |  |  |  | Varranty Period - \# of year(s) after pptance as required by Appendix B, |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B264ARX24.3.S | Belimo |  | B264ARX24.3.S | 1 | \$1,162.00 | 58\% | NVS Nal Price |
| B2644RX24-T | Belimo |  | B264ARX24.3.T | 1 | \$1,092.00 | 58\% | \$458.64 |
| B2244aR×24MFT | Belimo |  | B2644AR24.Met | 1 | \$1,298.00 | 58\% | \$545.16 |
| B2644AR24.MFT95 | Belimo |  | B264ARX24MET95 | 1 | \$1,398.00 | 58\% | \$587.16 |
| B264AAX24-MFT-TN4 | Belimo | 2 2.way CCV, SS Trim, 2-1/2", Cv 150 with Non-Spring Reutm, 660 in.lb, MFT, 24V | B264AARX24MFT-TN4 | 1 | \$1,531.00 | 58\% | \$643.02 |
| B264ARX24MFT-TNAH | Belimo | 2-way CCV, SS Timm, 2-1/2", Cv 150 with Non-Spring Retum, 880 in-lb, MFT, 24V | B264ARX24.MFT-TN4H | 1 | \$1,889.00 | 58\% | \$793.38 |
| B264ARX24.PC | Beimo | 2 -way CCV, SS Tim, 2.1/2", CV1 150 with Non-Spring Reutu, 180 in-b, Modulatiog, 24V | ${ }^{\text {B2644AR } 24 . P C}$ | 1 | \$1,398.00 | 58\% | \$587.16 |
| B265+AFR824 | Belimo |  | B265+AFRB24 | 1 | \$1,446.00 | 58\% | \$607.32 |
| B2654AFR824S | Belimo |  | B2654AFR824S | 1 | \$1,543.00 | 58\% | \$648.06 |
| B265+ARBBUP | Belimo |  | B265+AFRBUP | 1 | \$1,505.00 | 58\% | \$632.10 |
| B265+AFBuUP-S | Belimo |  | B265+AFBuUP-s | 1 | \$1,598.00 | 58\% | \$671.16 |
| B265+AfRX24 | Belimo |  | B265-AFRX24 | 1 | \$1,446.00 | 58\% | \$607.32 |
| B265+AFRX24-MFT | Belimo |  | B265+AFRX24MFT | 1 | \$1,586.00 | 58\% | \$666.12 |
| B265 AAFRX24MFT95 | Belimo | 2 -way CCV, SS Tim, 2-1/2", CV210 with Sping Reum, 180 inlb, MFF, ,24V | B265+AFRX24-MFT95 | 1 | \$1,589.00 | 58\% | \$667.38 |
| B265+AFRX24-MF-S | Belimo | 2 -way CCV, SS Tim, 2-1/2", CV210 with Spring Reum, 180 i-blb, MET, ,24V | B265 AFFRX24MFT-S | 1 | \$1,679.00 | 58\% | \$705.18 |
| B265 AFFXX24S | Belimo |  | B265+AFFX24S | 1 | \$1,543.00 | 58\% | \$648.06 |
| B266+AFRXUP | Belimo |  | B265 + AFRXUP | 1 | \$1,505.00 | 58\% | \$632.10 |
| B265+AFxxup-s | Belimo |  | B265+AFAxup-s | 1 | \$1,598.00 | 58\% | \$671.16 |
| B265+ARB120.3 | Belimo |  | B265+ARB120.3 | 1 | \$1,275.00 | 58\% | \$535.50 |
| 8265+AB824.3 | Belimo |  | B265+AB824.3 | 1 | \$1,244.00 | 58\% | \$522.48 |
| B265+A8B24.3.S | Belimo |  | 8265+A8824.3.S | 1 | \$1,300.00 | 58\% | \$546.00 |
| 8265+A8B24.3.T | Belimo |  | $\mathrm{Br265}^{\text {ARB243-T }}$ | 1 | \$1,230.00 | 58\% | \$516.60 |
| B265+AR824-T. N 4 | Belimo |  | B2265+AB824.-TN4 | 1 | \$1,389.00 | 58\% | \$583.38 |
| B265+A8B24.3.TNAH | Belimo |  | B265+A8B24.3.7N4H | 1 | \$1,389.00 | 58\% | \$583.38 |
| B265 ARB24-MFT | Belimo |  | 8265+ARB24-MFT | 1 | \$1,449.00 | 58\% | \$608.58 |
| B225 + ARE24SR.TN4 | Belimo |  | B265+ARB24-SR.TN4 | 1 | \$1,533.00 | 58\% | \$643.86 |
| B265AARB2-S8-T N NH | Belimo |  |  | 1 | \$1,891.00 | 58\% | \$794.22 |
| B265+ARX120.3 | Belimo |  | B265+ARX120.3 | 1 | \$1,275.00 | 58\% | \$535.50 |
| B265+ARX24.3 | Belimo |  | B265+AR24.3 | 1 | \$1,244.00 | 58\% | \$522.48 |
| B265+A8224.3.5 | Belimo |  | B265+AR24.3.5 | 1 | \$1,300.00 | 58\% | \$546.00 |
| 8265+A8×24.3.T | Belimo |  | B265+ARX243-T | 1 | \$1,230.00 | 58\% | \$516.60 |
| B225 5 ARx24MFT | Belimo |  | B225 + ARx 24 MeT | 1 | \$1,449.00 | 58\% | \$608.58 |
| B265+ARX24MET95 | Belimo |  | B265+AR224MET95 | 1 | \$1,550.00 | 58\% | \$651.00 |
| B265 ARX24-MFT-TN4 $^{\text {a }}$ | Belimo |  |  | 1 | \$1,584.00 | 58\% | \$665.28 |
| B265+ARX24MFT-T NAH | Belimo |  | B265-ARX24.MF-T-TAH | 1 | \$1,942.00 | 58\% | \$815.64 |
| B265+A8X24PC | Belimo | 2 -way CCV, SS Tim, 2-1/2", CV210 with Non-Sping Reuun,180 in-1, Modulating,24V | B265+ARX24.PC | 1 | \$1,550.00 | 58\% | \$651.00 |
| B277+AFB824 | Belimo |  | B277+AFB824 | 1 | \$1,320.00 | 58\% | \$554.40 |
| B277AFR824-S | Belimo |  | B277AFRB24-S | 1 | \$1,414.00 | 58\% | \$593.88 |
| B277-AFRBUP | Belimo |  | B277-AFRBUP | 1 | \$1,381.00 | 58\% | \$580.02 |
| B277+AFBBup-S | Belimo |  | B277Afrbup-s | 1 | \$1,742.00 | 58\% | \$731.64 |
| B277AAFRX24 | Belimo |  | B277+AFPX24 | 1 | \$1,320.00 | 58\% | \$554.40 |
| B277AAFP24.MFT | Belimo |  | B277-AFRX24MFT | 1 | \$1,465.00 | 58\% | \$615.30 |
| B277+AFRX24MFT95 | Belimo |  | B277AFFX24-MFT95 | 1 | \$1,468.00 | 58\% | \$616.56 |
| B277-AFFX24-MFT-S | Belimo |  | B277+AFRX24-MFT-S | 1 | \$1,556.00 | 58\% | \$653.52 |
| B277+AFRX24-S | Belimo |  | B277AFFRX24S | , | \$1,414.00 | 58\% | \$593.88 |
| B277AFRXUP | Belimo |  | B277AFRXUP | 1 | \$1,381.00 | 58\% | \$580.02 |
| B277AAFRXUP-S | Belimo |  | B277AAFAxup-S | 1 | \$1,742.00 | 58\% | \$731.64 |
| B277-ARB120.3 | Belimo |  | B277-ARB120.3 | 1 | \$1,152.00 | 58\% | \$483.84 |
| B277AAB24-3 | Belimo |  | B277+A8824-3 | 1 | \$1,119.00 | 58\% | \$469.98 |
| B277+A88243-S | Belimo |  | B277+A8824-3. ${ }^{\text {S }}$ | 1 | \$1,174.00 | 58\% | \$493.08 |
|  | Belimo |  | ${ }^{\text {2277+AR8243-T }}$ | 1 | \$1,107.00 | 58\% | \$464.94 |
| B277+AB8243.TN4 | Belimo |  | B277+AB824.3. Na | 1 | \$1,404.00 | 58\% | \$589.68 |
| B277+A8B24-3.- NAH | Belimo |  | B277+A8B243.7. NH | 1 | \$1,404.00 | 58\% | \$589.68 |
| B277-ARB24-Met | Beimo |  | ${ }^{\text {B277 }}$ ARB824MFT | 1 | \$1,326.00 | 58\% | \$556.92 |
| ${ }^{\text {B277 ARB24-SR-T N4 }}$ | Belimo |  | B277+A8B24-SR-T N4 | 1 | \$1,548.00 | 58\% | \$650.16 |
| B277-A8824.SR-T NaH | Beimo |  | B277 AAB824.SR-T NaH | 1 | \$1,906.00 | 58\% | \$800.52 |
| B277+ARX120.3 | Beimo |  | B277+ARX120.3 | 1 | \$1,152.00 | 58\% | \$483.84 |
| B277ARX24.3 | Belimo |  | B277+AR×243 | 1 | \$1,119.00 | 58\% | \$469.98 |
| B277+ARX243-S | Belimo |  | B277ARX24.3.5 | 1 | \$1,174.00 | 58\% | \$493.08 |
| B277+A8×24.3.T | Belimo | 2 -way CCV, SS Tim, 3 , CV7 70 with Non-Spoing Reum, 80 intb, Onnotff Foating, 24 V | B277+A8X24.3T | 1 | \$1,107.00 | 58\% | \$464.94 |
| ${ }^{\text {B277 }}$ AAX 24 -MFT | Belimo |  |  | 1 | \$1,326.00 | 58\% | \$556.92 |
| B277-A8824-MF995 | Beimo | 2 -way CCV, SS Tim, 3 ", Cv 70 with Non-Spring Return, 180 inilb, MFT, 24V | B277+ARX24MFT95 | 1 | \$1,412.00 | 58\% | \$593.04 |
| B277-ARX24-MF-TTN4 | Belimo | 2 -way CCV, SS Tim, 3 ", Cv70 with Non-Spring Reum, 160 inilb, MFT, 24V | B2777ARX24MFT-TN4 | 1 | \$1,609.00 | 58\% | \$675.78 |
| B277+ARX24MFT-TN4H | Belimo | 2 -way CCV, SS Tim, 3 ", Cv7 7 with Non-Spring Retur, 180 inlb , MFT, 24V | B277+ARX24-MFT-TN4H | 1 | \$1,967.00 | 58\% | \$826.14 |
| B277+ARX24.PC | Belimo |  | ${ }^{\text {B277 }}$ ARX24.PC | 1 | \$1,412.00 | 58\% | \$593.04 |
| B278+AFRB24 | Belimo |  | B278+AFRB24 | 1 | \$1,389.00 | 58\% | \$583.38 |
| B278AAFR824S | Belimo |  | B278AFARB24-S | 1 | \$1,486.00 | 58\% | \$624.12 |
| B278+AFRBUP | Belimo |  | B278+AFRBuP | 1 | \$1,455.00 | 58\% | \$611.10 |
| B278+AFBBup-S | Belimo |  | B278+AFBbup-S | 1 | \$1,545.00 | 58\% | \$648.90 |
| B278AAFRX24 | Belimo |  | B278+AFRX24 | 1 | \$1,389.00 | 58\% | \$583.38 |
| B278+AFRX24-MFT | Belimo | 2.way CCV, SS Trim, 3 " Cv 130 with Sping Reumm, 188 in.l-, MFT, 24V | B278+AFRX24M-T | 1 | \$1,529.00 | 58\% | \$642.18 |
| B278AAFRX24MFT95 | Belimo | 2.way CCV, SS Trim, 3", Cv 130 with Sping Reumm, 188 in.lb, MFT, 24V | B278AAFFX24-MFT95 | 1 | \$1,533.00 | 58\% | \$643.86 |
| B278*AFPx24-MF-S | Belimo |  | B278+AFFX24-MFT-S | 1 | \$1,619.00 | 58\% | \$679.98 |
| B2784AFRX24-S | Belimo |  | B278AAFRX24S | 1 | \$1,486.00 | 58\% | \$624.12 |
| B278+AFRXUP | Belimo | 2 2.way CCV, SS Tim, 3 ", CV 130 with Sping Reumm,180 in-lb, OnJoti,2410240V (UP) | B278+AFRXUP | 1 | \$1,455.00 | 58\% | \$611.10 |
| B278+AFRxup-S | Belimo |  | B278+AFRxup-S | 1 | \$1,545.00 | 58\% | \$648.90 |
| B278AAR120.3 | Belimo |  | B278AARB120.3 | 1 | \$1,222.00 | 58\% | \$513.24 |
| B278+A8824-3 | Belimo |  | B278+A8824.3 | 1 | \$1,185.00 | 58\% | \$497.70 |
| B278+AR824-3. ${ }^{\text {S }}$ | Belimo |  | B278+A8B24-3.5 | 1 | \$1,244.00 | 58\% | \$522.48 |
| B278+A8824.3.T | Belimo |  | B278+A8B24-3.T | 1 | \$1,172.00 | 58\% | \$492.24 |
| B278+AB824.3. Na | Belimo |  | B278+AB824.3. N4 | 1 | \$1,472.00 | 58\% | \$618.24 |
| B278+AR824.3.7 NaH | Belimo |  | B278+A8B24.3.7 NaH | 1 | \$1,472.00 | 58\% | \$618.24 |
| B278+ARB24-MFT | Belimo |  | B278+ABB24MFT | 1 | \$1,392.00 | 58\% | \$584.64 |
| ${ }^{\text {B278+ARB24-SR.TN4 }}$ | Belimo |  | B278+ABB24-SR-T N4 | 1 | \$1,613.00 | 58\% | \$677.46 |
| B278+AAB24-SR-T TN4H | Belimo |  | B278+A8824.SR-T TN4H | 1 | \$1,971.00 | 58\% | \$827.82 |
| B278+ARX120.3 | Belimo |  | B278+ARX120.3 | 1 | \$1,222.00 | 58\% | \$513.24 |
| B278+AB224.3 | Belimo |  | B278+ARX24.3 | 1 | \$1,185.00 | 58\% | \$497.70 |
| B278+ARX24.3.S | Beimo |  | B278+ARX24.3.5 | 1 | \$1,244.00 | 58\% | \$522.48 |
| B2784ARX24.4.T | Belimo |  | 8278+ARX24.3.T | 1 | \$1,172.00 | 58\% | \$492.24 |
| B278+ARX24MFT | Belimo |  | B278+ARX24MFT | 1 | \$1,392.00 | 58\% | \$584.64 |

The scope of this contract includes the following
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and in integrated with the Integrated icroprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equpent such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory
 commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
Integrated BAS/EMS/IItegrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pane (hap), and/or other similar device, which utiiize certain proochs (e.e. BACNe, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, CaI. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he

Factory Installed/Factory-Provided micro-processor--controlled included/controte I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpse I, Telecommicaions, Networking Cabling,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To comunicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Mosel Nomber |  | fion | vecose | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54" | Lis Pice |  | Ys Net Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B278+AX24-MET95 | Belimo |  | B278+AR24MFT95 | 1 | \$1,490.00 | 58\% | \$625.80 |
| B278+ARX24-MF-TN4 | Beimo |  | B278+ARX24MFT-TN4 | 1 | \$1,679.00 | 58\% | \$705.18 |
| B278+AR24-MET-TN4H | Belimo | 2.way CCV, SS Tim, 3", Cr 130 with Non-Sping Reumr, 180 inibl, Mr, ,24V | B278+ARX24-MFT-TNAH | 1 | \$2,037.00 | 58\% | \$855.54 |
| ${ }_{8278+A 8 \times 24 . P C}$ | Belimo |  | ${ }_{8278+A R X 24 . P C}$ | 1 | \$1,490.00 | 58\% | \$625.80 |
| B280AAFB24 | Beimo | ${ }^{2}$ 2.way CCV, SS Tim, 3 ", Cv 170 with Sping Reutm, 880 in-lb, Onotit,24V | B280AAFB24 | 1 | \$1,660.00 | 58\% | \$697.20 |
| B280+AFRB24-S | Belimo |  | B280+AFRB24S | 1 | \$1,757.00 | 58\% | \$737.94 |
| B280AAFBBUP | Belimo |  | B280+AFRBUP | 1 | \$1,720.00 | 58\% | \$722.40 |
| B280+AFRBUP.S | Beimo |  | B280+AFRBup-S | 1 | \$1,812.00 | 58\% | \$761.04 |
| B280AAFX24 | Belimo |  | B280AAFX24 | , | \$1,660.00 | 58\% | \$697.20 |
| B280+AFRX24MFT | Beimo |  | B280+AFRX24.MTT | 1 | \$1,803.00 | 58\% | \$757.26 |
| B280+AFRX24MFT95 | Belimo |  | B280+AFRX24-MFT95 | , | \$1,803.00 | 58\% | \$757.26 |
| B280AAFFX24-MFT-S | Belimo | 2.way CCV, SS TTim, 3, Cr 1770 with Spring Reumm, 180 in-Ib, MFT, 24V | B280+AFFX24-MFT-S | 1 | \$1,896.00 | 58\% | \$796.32 |
| B280+AFRX24-S | Belimo |  | B280+AFRX24 4 | 1 | \$1,757.00 | 58\% | \$737.94 |
| B280AAFXUP | Belimo |  | B280+AFRXUP | , | \$1,720.00 | 58\% | \$722.40 |
| B280+AFRxup ${ }^{\text {S }}$ | Beimo |  | B280+AFrxup-S | 1 | \$1,812.00 | 58\% | \$761.04 |
| B280+ARB120.3 | Beimo |  | B280+ARB120.3 | 1 | \$1,492.00 | 58\% | \$626.64 |
| в280+AB824.3 | Beimo |  | B280+AB824 ${ }^{\text {a }}$ | 1 | \$1,461.00 | 58\% | \$613.62 |
| B280+A8824.3.5 | Beimo | 2.way CCV, SS Trim, 3", Cv 170 with No.Spring Retum, 180 in-lb, Onotiffloaing, 24V | B280+A8824.3.S | 1 | \$1,518.00 | 58\% | \$637.56 |
| 8280+AR8243.T | Belimo |  | B280+ARB243.T | 1 | \$1,449.00 | 58\% | \$608.58 |
| в280+AB824-3. Na | Beimo | 2.way CCV, SS Tim, 3", CV1 170 with No.SPping Return, 180 in-lb, Onotififloaing, 24V | в280+AB824.3.TN4 | 1 | \$1,529.00 | 58\% | \$642.18 |
| B280+A8B24.3.7NAH | Beimo |  | B280+A8B24.3.7NH | 1 | \$1,529.00 | 58\% | \$642.18 |
| B280AAB824MFT | Belimo | 2.way CCV, SS Tim, 3", CV1 170 with Non-Sping Return, 180 in-b, MFT, 24V | B280AAB824MFT | 1 | \$1,668.00 | 58\% | \$700.56 |
| B280+ABB24SR-TN4 | Beimo |  | B280+ABB24-SR-TN4 | 1 | \$1,672.00 | 58\% | \$702.24 |
| B280+A8B24SR-T NAH | Belimo |  | B880+AR824-SR-TN4H | 1 | \$2,030.00 | 58\% | \$852.60 |
| B280+A8X120.3 | Belimo |  | B280+ARX120.3 | 1 | \$1,492.00 | 58\% | \$626.64 |
| B280+ABX24 ${ }^{\text {a }}$ | Belimo | 2.way CCV, SS Trim, 3", Cv 170 with No.Spring Retur, 180 in-lb, Onotiffloaing, 24V | B280+ARX24.3 | 1 | \$1,461.00 | 58\% | \$613.62 |
| B280+ARX243.5 | Belimo |  | B280+ARX24.3.5 | 1 | \$1,518.00 | 58\% | \$637.56 |
| B280+A8X243-T | Beimo |  | B280+A8X243-T | 1 | \$1,449.00 | 58\% | \$608.58 |
| B280+ARX24MFT | Belimo |  | B280+ARX24MFT | 1 | \$1,668.00 | 58\% | \$700.56 |
| B280+AR24-MFT95 | Beimo |  | B280AAR24-MET95 | 1 | \$1,853.00 | 58\% | \$778.26 |
| B280+ARX24MF-TN4 | Belimo | 2.way CCV, SS Trim, 3", CV170 with Non-Sping Retur, 160 in-b, Mr, ,24V | B880+ARX24MFT-TN4 | 1 | \$1,734.00 | 58\% | \$728.28 |
| B280+AR24-MET-TN4H | Belimo |  | B280+ARX24-MFT-TNAH | 1 | \$2,092.00 | 58\% | \$878.64 |
| B280+ABX24.PC | Beimo |  | ${ }^{\text {B280+ARX24.PC }}$ |  | \$1,853.00 | 58\% | \$778.26 |
| B307+LF120 US | Belimo |  | B307+LFF20 US | 1 | \$509.00 | 58\% | \$213.78 |
| ${ }^{\text {B307 LLFI20.S US }}$ | Beimo |  | ${ }^{\text {B307 }}$ LLFI20.S US | 1 | \$568.00 | 58\% | \$238.56 |
| B307+LF24US | Beimo |  | B3074-LF24 US | 1 | \$477.00 | 58\% | \$200.34 |
| B307+LF24.3 US | Belimo | 3.way CCV, SS Timm, 12\%:C Cvo.3 with Sping, 35in-lb, Floaing, 24V | B307+LF24.3 US | 1 | \$584.00 | 58\% | \$245.28 |
| B307+LE24MFT US | Belimo |  | B307+LE24M-T US | 1 | \$672.00 | 58\% | \$282.24 |
| B307+LF24MFT.S US | Beimo |  | B307 +L-24MET.S US | 1 | \$726.00 | 58\% | \$304.92 |
| B307+LF24.S US | Belimo |  | B307+LF24-S US | 1 | \$532.00 | 58\% | \$223.44 |
| B3077 LLe24SR US | Belimo |  | B307+LE24.SR US | 1 | \$615.00 | 58\% | \$258.30 |
| B307+LF24-SR-SUS | Belimo |  | B307+LLF24-SR.S US | 1 | \$672.00 | 58\% | \$282.24 |
| в307+ + RB120.3 | Beimo |  | B307+ $\mathrm{LRB120.3}$ | 1 | \$353.00 | 58\% | \$148.26 |
| B307+LRB120.SR | Belimo | 3 3.way CCV, SS Tim, , 12,", cr 0.3 with Non-Spring Return,45 in-lv, 2-10 voc, 120 V | в307+LRB120.SR | 1 | \$469.00 | 58\% | \$196.98 |
| B307+LEB24.3 | Beimo | 3 .way CCV, SS Tim, 112", Cv 0.3 with Non-Sping Reuun,45 in-lb, Onotiffloaing,24V | B307+LE824.3 | 1 | \$317.00 | 58\% | \$133.14 |
| B307+LR8243-s | Belimo |  | B307+LR824.3.S | 1 | \$373.00 | 58\% | \$156.66 |
| B307+LR824.3.T | Beimo |  | B307+LR824.3.T | 1 | \$302.00 | 58\% | \$126.84 |
| в307+LR824MFT | Beimo |  | B307+LR824MFT | 1 | \$547.00 | 58\% | \$229.74 |
| B307+LR824-SR | Beimo |  | B307+LR824-SR | 1 | \$431.00 | 58\% | \$181.02 |
| B307-LLR24-SR-T | Belimo |  | B307 + LR824-SR-T | , | \$418.00 | 58\% | \$175.56 |
| B307+LLCB243 | Beimo |  | B307+LCCB243 | + | \$343.00 | 58\% | \$144.06 |
| B307+LRab24-1 | Belimo |  | B307+LRa824-1 | 1 | \$658.00 | 58\% | \$276.36 |
| B307+LR8824MFT | Belimo |  | B307+LRob24-MFT | , | \$73.00 | 58\% | \$295.26 |
| B307+LRax24.1 | Belimo |  | B307+LRax24-1 | 1 | \$658.00 | 58\% | \$27.36 |
| B307+LRax24-MFT | Belimo |  | B307+LROX24-MET | 1 | \$703.00 | 58\% | \$295.26 |
| B807+LRX120.3 | Beimo |  | B307+LRX 120.3 | 1 | \$353.00 | 58\% | \$148.26 |
| B307+LEx 120.SR | Beimo |  | B307+LEx 120.SR | 1 | \$469.00 | 58\% | \$196.98 |
| ${ }^{\text {B307 }+ \text { LRX24.3 }}$ | Beimo |  | B307+LRX24-3 | 1 | \$317.00 | 58\% | \$133.14 |
| B307+LRX243.S | Beimo |  | B307+LRX243.S | 1 | \$373.00 | 58\% | \$156.66 |
| B307+LR×24.3.T | Beimo |  | B307+LRX24.3.T | 1 | \$302.00 | 58\% | \$126.84 |
| B307+LRX24M-T | Belimo |  | B307+LRX24MFT | 1 | \$547.00 | 58\% | \$229.74 |
| B307+LR2424MFT95 | Beimo |  | B307+ LRX24-MFT99 | 1 | \$646.00 | 58\% | \$271.32 |
| B307+LKX24.PC | Belimo | 3.way CCV, SS Tim, 12\%", Cv 0.3 with Non-Sping Reuun,45 in-lb, Phasecut, 24 V | B307+LRX24PC | 1 | \$646.00 | 58\% | \$271.32 |
| B307+LRX24.SR | Belimo |  | B307+LRX24SR | 1 | \$431.00 | 58\% | \$181.02 |
| B3077-LR24-SR-T | Belimo |  | B3077LRX24.SR-T | 1 | \$418.00 | 58\% | \$175.56 |
| B307-NBB24-3. N 4 | Belimo |  | B307-NBB24.3.TN4 | 1 | \$589.00 | 58\% | \$247.38 |
| B307 + NB824.3.TN4H | Beimo |  | B307 $\mathrm{NRB24} 4 . \mathrm{T}$ NAH | 1 | \$947.00 | 58\% | \$397.74 |
| B307+NBE24-SR-TN4 | Belimo |  | B307+NB824SR-TN4 | 1 | \$705.00 | 58\% | \$296.10 |
| B307NRB24-SR.TN4H | Beimo | 3 3.way CCV, SS Tim, 12,", Cv 0.3 with Non-Sping Reumm,70 in-lb, 2-10 Voc, 24V | B307-NBB24-SR-TN4H | 1 | \$1,063.00 | 58\% | \$446.46 |
| в307+NRX24MF-TN4 | Belimo | 3.way CCV, SS Tim, 1/2", Cv 0.3 with Non.Sping Reumm,70 in-lb, MFT, 24V | B307-NRX24.MFT-TN4 | 1 | \$832.00 | 58\% | \$349.44 |
| B307-NNK24-MET-TN4H | Beimo |  | B307-NRX24-MFT-TNAH | 1 | \$1,190.00 | 58\% | \$499.80 |
| в3377TFRBE120 | Beimo |  | в307+тFRB 120 | 1 | \$471.00 | 58\% | \$197.82 |
| B307+TFRB120-S | Belimo |  | B307 7 TRER $120 . \mathrm{S}$ | 1 | \$533.00 | 58\% | \$219.66 |
| в3077 + FRB24 | Beimo |  | в307- + FRB24 | 1 | \$422.00 | 58\% | \$177.24 |
| в3077trer824.3 | Beimo |  | B30747¢R8824.3 | 1 | \$490.00 | 58\% | \$205.80 |
| в3077+TRB2243.S | Beimo |  | в3077+TRB2243.S | 1 | \$543.00 | 58\% | \$228.06 |
| B307+TFR824S | Belimo |  | B3074TFR824-S | 1 | \$482.00 | 58\% | \$202.44 |
| B307+TFR824.SR | Beimo |  | B3074TRB824-SR | 1 | \$500.00 | 58\% | \$210.00 |
| B3077TFRB24SR.S | Beimo |  | B3077TFR824SRRS | 1 | \$560.00 | 58\% | \$235.20 |
| B3077 TFRX 120 | Belimo |  | B3077TFRX 120 | 1 | \$471.00 | 58\% | \$197.82 |
| ${ }^{3} \mathbf{3 0 7} 7$ TfRXX120.S | Beimo |  | B307+TRRX120.S | 1 | \$523.00 | 58\% | \$219.66 |
|  | Beimo |  | ${ }^{\text {B307 }}$ +fFRX24 | 1 | \$422.00 | 58\% | \$177.24 |
| в3077trex 24.3 | Beimo |  | B3074 7 frex 24.3 | 1 | \$490.00 | 58\% | \$205.80 |
| B3077TFRX24.3.S | Belimo |  | B307+TFR24.3.S | 1 | \$543.00 | 58\% | \$228.06 |
| ${ }_{\text {B307 }}$ +TFRX24MFT | Beimo |  | в3077 +FRX24-MFT | 1 | \$576.00 | 58\% | \$241.92 |
| B307+TFRX24. | Belimo | 3.way CcV, SS Tim, 12\%; Cvo. 3 with Sping Return,22 intb, Onvoftr,24V | B307+TFRX24.S | + | \$482.00 | 58\% | \$202.44 |
| B307+TRR24-SR | Beimo |  | B3074TFR24-SR | , | \$500.00 | 58\% | \$210.00 |
| B307+TFRX24SR.S | Belimo |  | B307+TFRX24.SR-S | 1 | \$560.00 | 58\% | \$235.20 |
| ${ }^{\text {B307 }}$ +TR24.3 Us | Beimo |  | ${ }^{\text {B307+TR24-3 US }}$ | 1 | \$276.00 | 58\% | \$115.92 |
| B307+TR24-37300 US | Beimo |  | B307+TR24-3300 US | 1 | \$292.00 | 58\% | \$122.64 |
| B307+TR24.3500 Us | Beimo | 3 -way CCV, SS Tim, 122, Cvo. 3 with No.-Spring Retum,18 in-lb, Onolit.24V | B307+TR24.3500 Us | 1 | \$316.00 | 58\% | \$132.72 |
| B307+TR243.TUS | Beimo | 3 .way Cov, SS Tim, 12\%; Cvo. 3 with Non-Sping Return, 18 in-lb, Onolfi, 24V | в307\% +T24.3.7 US | , | \$264.00 | 58\% | \$110.88 |
| B337+TF24.4R Us | Belimo |  | B337-TF24-SR Us | 1 | \$392.00 | 58\% | \$164.64 |
| B307+TR24-SR330 US | Belimo |  | B307+TR24.SR3300 US | , | \$408.00 | 58\% | \$171.36 |
| B307+ +R24-SR 500 US | Belimo |  | B307+TR24.4RR500 US | 1 | \$430.00 | 58\% | \$180.60 |

The scope of this contract includes the following
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated icroprocessor-Controiled HVAC Equipment in a building or faciinty. Building Management Systems and Building Contro Systems are also subcategries of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Eule Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integra

- Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, etc.) to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated platforms/systems.
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, Showers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he

Factory Installed/Factory-Provided micro-processor--controlled included/controle $/$ /O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Furpose , Telecommunications, Networking Cabing,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


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Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and , Sy the to allow the Building Automation System or Energy Management System to monitor the performance of these commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
Integrated BAS/EMS/IItegrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlary interface Pane (FAP), and/or other similar device, which utiiize certain proochs (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
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units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
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. Factory Installed/Factory-Provided micro-processor--controlled included/controte $/$ /O modules, etc. which are not:
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A. General Purpsse 1 , Telecommications, Networking Cabing, hber optics (e.g. phone, phx, digial centrex, digital key systems, television, cable, 1 -Line, general broadband,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Mosel Mumber |  | IDosatiplon | Proctuct Code | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54 " | List Price | \% Disoount | Nvs Nel Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ${ }^{\text {B3088 }}$ +L24.3 US | Belimo | 3.way CCV, Brass Trin, 112", Cvo .46 with Sping, 35in-l, Floaing, 24V | ${ }^{\text {B308B+LF24,3 US }}$ | , | \$568.00 | 58\% | \$238.56 |
| ${ }^{\text {B3088+LF24.S US }}$ | Belimo | 3.way CCV, Brass Tim, 127"; Cvo.46 with Sping, 35inlb, Onoft, 24V, sw | ${ }^{\text {B3088 }}$ +L24-S US | 1 | \$513.00 | 58\% | \$215.46 |
| B3088+LF24.SR US | Beimo |  | B3088+LF24.SR US | 1 | \$587.00 | 58\% | \$246.54 |
| B308B+LE24.SR.SU | Beimo |  | B308BtLF24.SR.SUS | 1 | \$642.00 | 58\% | \$269.64 |
| в3088+LRB120.3 | Beimo |  | в3088+ $\mathrm{LRB120.3}$ | 1 | \$314.00 | 58\% | \$131.88 |
| B3088+LRB120-SR | Beimo |  | B3088 + 1 RB120.SR | 1 | \$435.00 | 58\% | \$182.70 |
| B3088 + LR824 ${ }^{\text {a }}$ | Baimo |  | в3088 + LR824 ${ }^{\text {a }}$ | 1 | \$281.00 | 58\% | \$118.02 |
| в3088 + LRB24.3. ${ }^{\text {S }}$ | Beimo |  |  | 1 | \$340.00 | 58\% | \$142.80 |
| в3о88 1 LRB24.4.T | Beimo |  | в3088+LB824.3.T | 1 | \$268.00 | 58\% | \$112.56 |
| ${ }^{\text {B3088 }+ \text { LRB24.SR }}$ | Beimo |  | ${ }^{\text {B308B }+ \text { LP824.SR }}$ | 1 | \$401.00 | 58\% | \$168.42 |
| B3088+LR824-SR-T | Beimo |  | B3088+LRB24SRR-T | 1 | \$389.00 | 58\% | \$163.38 |
| B3088+TFRB120 | Beimo |  | B3088 + TFRB120 | 1 | \$445.00 | 58\% | \$186.90 |
| ${ }^{\text {B3088 }+ \text { TFRB120-S }}$ | Belimo |  | ${ }^{\text {B3088 }+ \text { TFRB120-S }}$ | 1 | \$500.00 | 58\% | \$210.00 |
| ${ }_{\text {B3088 }+ \text { TFRB24 }}$ | Beimo | 3 -way CCV, Brass Trim, 1/2", Cv 0.46 with Spring Return, 22 in-lb,On/Off,24V | ${ }_{\text {B3088 }+ \text { TFRB24 }}$ | 1 | \$399.00 | 58\% | \$167.58 |
| B3088+TFRB243 | ${ }^{\text {Beimo }}$ |  | ${ }^{\text {B308 }}$ +TFR824-3 | 1 | \$467.00 | 58\% | \$196.14 |
| B3088+TRRB243.S | Beimo |  | B3088+TRRB24.3.S | 1 | \$519.00 | 58\% | \$217.98 |
| B308B+TFR824-S | Beimo |  | B3088+TFRB24-S | 1 | \$456.00 | 58\% | \$191.52 |
| в3088+TRB824-SR | Beimo |  | в3088+TFRB24-SR | , | \$488.00 | 58\% | \$204.96 |
| B308B + TFRB24 4 SR S S | Beimo |  | Bзо88 + TFRB224.SR.S | 1 | \$545.00 | 58\% | \$228.90 |
| ${ }^{\text {B3084+TR24.3 US }}$ | Belimo | 3.way CCV, Brass Tim, 112", Cvo.46 with Non-Spping Reum, , 8 in-b, Onotit,24V | ${ }^{\text {B3088+TR243 }}$ US | 1 | \$234.00 | 58\% | \$98.28 |
| B3088+TR24-3300 US | Belimo | 3.way CCV, Brass Tim, 12", cro.46 wit Non-Spring Reum, , 8 inblb, Onoti,24V | B3388+TR24.3300 US | 1 | \$252.00 | 58\% | \$105.84 |
| B3088+TR24.3500 US | Beimo |  | B3088+TR24.3500 Us | 1 | \$272.00 | 58\% | \$114.24 |
| в3088+TR24.3.TUS | Beimo |  | B3088+TR24.3.TUS | 1 | \$220.00 | 58\% | \$92.40 |
| B3088+TR24.SR US | Beimo |  | B3088+TR24-SR US | 1 | \$348.00 | 58\% | \$146.16 |
| ${ }^{\text {B3088 }+ \text { TR24-SR330 US }}$ | Beimo |  | ${ }^{\text {B3088 }+ \text { TR24 } 48 / 300 ~ U S ~}$ | 1 | \$364.00 | 58\% | \$152.88 |
| ${ }^{\text {B3088 }+ \text { TR24-SR550 US }}$ | Belimo |  | ${ }^{\text {B3088 }+ \text { TR24.SR550 US }}$ | 1 | \$388.00 | 58\% | \$162.96 |
| B3088+TR24-SR-TUS | Beimo |  | B3088+TF24-SR-TUS | 1 | \$336.00 | 58\% | \$141.12 |
| B3094LF120 US | Beimo |  | B309+LF120 US | 1 | \$509.00 | 58\% | \$213.78 |
| B3399+LFI20.S US | Beimo |  | ${ }^{\text {B309+LF120.S US }}$ | 1 | \$568.00 | 58\% | \$238.56 |
| B309+LF24 US | Belimo |  | B309+LF24 US | 1 | \$477.00 | 58\% | \$200.34 |
| B309+LF24.3US | Belimo | 3.way CCV, SS Timm, 12", Cvo.8 with Sping, 35in.lb, Floaing, 24V | B3094LF24-3 US | 1 | \$584.00 | 58\% | \$245.28 |
| B309+LE24MFT US | Belimo |  | B309+LF24MFT US | 1 | \$672.00 | 58\% | \$288.24 |
| B3094LF24MFT-S US | Belimo |  | B3094LF24MFT.S US | 1 | \$726.00 | 58\% | \$304.92 |
| B3094LF24-S US | Belimo |  | B3094LF24-S US | 1 | \$532.00 | 58\% | \$223.44 |
| B309+LF24.SR US | Beimo |  | B309 LL 24.4 SR Us | 1 | \$615.00 | 58\% | \$258.30 |
| B3094+L24-SR.S US | Beimo |  | B309+LF24-SR.S U | 1 | \$672.00 | 58\% | \$282.24 |
| B3094 RB 120.3 | Belimo |  | B309+LRB120.3 | 1 | \$353.00 | 58\% | \$148.26 |
| в309+LRB120.SR | Beimo |  | B309+LRB120.SR | 1 | \$469.00 | 58\% | \$196.98 |
| B3094tR8243 | Belimo |  | B309+LR824.3 | 1 | \$317.00 | 58\% | \$133.14 |
| B309+LR824.3.S | Balimo |  | B309+LR824.3.S | 1 | \$373.00 | 58\% | \$156.66 |
| B309+LR824.3.T | Beimo |  | B309+LR824.4.T | 1 | \$302.00 | 58\% | \$126.84 |
| вз399+LR824MeT | Beimo |  | B309+LR824MFT | 1 | \$547.00 | 58\% | \$229.74 |
| B309+LR824.SR | Beimo |  | B309+LR824.SR | 1 | \$431.00 | 58\% | \$181.02 |
| B309+LR24-SR-T | Belimo | 3 -way CCV, SS Tim, 12 ", Cv 0.8 with Non-Spring Reutm,45 in-lb, 2-10 Voc, 24 V | B399+LR824-SR-T | + | \$418.00 | 58\% | \$175.56 |
| B3094LRCB243 | Belimo | 3 .way CVV, SS Tim, 1/2", Cv 0.8 with Non-Spring Reumm,45 in-lb, Onottrfoaing,24V | B3094LRC824.3 | 1 | \$343.00 | 58\% | \$144.06 |
| B309+LRa824-1 | Beimo |  | B309tRa824-1 | 1 | \$658.00 | 58\% | \$276.36 |
| B309+LR8824M-T | Belimo | 3.way CCV, SS Tim, 112", Cvo.8 with Non-Sping Reumm,35 in-1., MFT, 24V | B309+LR8824-MFT | 1 | \$703.00 | 58\% | \$295.26 |
| B309+LRax24.1 | Belimo |  | B309+LRax24-1 | 1 | \$658.00 | 58\% | \$276.36 |
| B309+LR0x24-MFT | Belimo | 3.way CCV, SS Tim, 12,", Cvo. 0 w with Non-Sping Reutr,35 in-lb, MFT, 24 V | B309+LRax24-MFT | 1 | \$73.00 | 58\% | \$295.26 |
| B309+LRX120.3 | Beimo |  | B309+LRX120.3 | 1 | \$353.00 | 58\% | \$148.26 |
| ${ }^{\text {B309 }}$ LLPX120.SR | Beimo |  | B309+LRX120.SR | 1 | \$469.00 | 58\% | \$196.98 |
| B309+RR24.3 | Beimo |  | B309+LRX24.3 | 1 | \$317.00 | 58\% | \$133.14 |
| B309+LR×24.3.s | Beimo |  | B309+LRX24.4.S | 1 | \$373.00 | 58\% | \$156.66 |
| B309+LRX24.3.T | Belimo |  | вз09+LRX24-T | 1 | \$302.00 | 58\% | \$126.84 |
| в309+LR24.MFT | Beimo |  | B309+LR24-MFT | 1 | \$547.00 | 58\% | \$229.74 |
| B309+LR24.MET95 | Beimo |  | B309+LRX24MET95 | 1 | \$646.00 | 58\% | \$271.32 |
| в309+LRX24.PC | Beimo |  | B3094 LRX24.PC | 1 | \$646.00 | 58\% | \$271.32 |
| B309+LRX24.SR | Beimo |  | B309+LRX24.SR | 1 | \$431.00 | 58\% | \$181.02 |
| B339+LRX24-SR-T | Belimo | 3 .way CCV, SS Tim, 112", Cv 0.8 with Non-Sping Reuun, 45 in-lb, 2-10 Voc, 24 V | B309+LRX24-SR-T | 1 | \$418.00 | 58\% | \$175.56 |
| B309+NRB24.3.7 ${ }^{\text {4 }}$ | Belimo |  | B309+NRB24-7. Na | 1 | \$589.00 | 58\% | \$247.38 |
| B309+N8B24.3.T TAH | Balimo |  | B309+N8824.3.7 T 4 H | 1 | \$947.00 | 58\% | \$397.74 |
| B309+NRB24-SR-TN4 | Beimo |  | B3099NB824.SR-TN4 | 1 | \$705.00 | 58\% | \$296.10 |
| B3399+NB824.SR-T TN4H | Beimo |  | B309+NB824SRRTTN4H | 1 | \$1,063.00 | 58\% | \$446.46 |
| B3399+NX24-MFT.TN4 | Belimo | 3 3.way CCV, SS Tim, 112", Cv 0.8 with Non.Sping Reumm,70 in-lb, MFT, 24V | в309+NR24.MFT-TN4 | 1 | \$832.00 | 58\% | \$349.44 |
| B309+NRX24-MF-T NaH | Beimo |  | B309+NRX24-MFT.TN4H | 1 | \$1,190.00 | 58\% | \$499.80 |
| в3099 7 FRB120 | Beimo |  | в309tтRBB 120 | 1 | \$471.00 | 58\% | \$197.82 |
|  | Belimo |  | B309+TR8B120-S | 1 | \$523.00 | 58\% | \$219.66 |
| B309 7 TR8824 | Belimo |  | в33997FRB24 | 1 | \$422.00 | 58\% | \$177.24 |
| B3094TFR824.3 | ${ }^{\text {Beimo }}$ |  | B3099 7 TR8824.3 | 1 | \$490.00 | 58\% | \$205.80 |
| взо9тенв824.3.S | Beimo |  |  | 1 | \$543.00 | 58\% | \$228.06 |
| B309+TFR824-S | Beimo |  | B309+TFR824-S | 1 | \$482.00 | 58\% | \$202.44 |
| в309+TR8824.SR | Baimo |  | в309+TRR824.SR | 1 | \$500.00 | 58\% | \$210.00 |
| B309+TFR824SR.S | Beimo |  | B309TTFR824-SR-S | 1 | \$560.00 | 58\% | \$235.20 |
| B309 7 TFRX120 | Beimo |  | B309tTRex 120 | 1 | \$471.00 | 58\% | \$197.82 |
| B3094TRRX120.S | Beimo |  | в309тTRAx120.S | 1 | \$533.00 | 58\% | \$219.66 |
| ${ }_{\text {B3097TFR } 24}$ | Beimo |  |  | 1 | \$422.00 | 58\% | \$177.24 |
|  | Beimo |  | B309 7 TFR24.3 | 1 | \$490.00 | 58\% | \$205.80 |
| ${ }^{\text {B309+TFR } 24.3 .5}$ | Baimo |  | ${ }^{\text {B309+TFRX24.3.S }}$ | 1 | \$543.00 | 58\% | \$228.06 |
| ${ }^{\text {B309 }}$ TFRX24-MFT | Baimo |  | ${ }^{\text {B309 }}$ TFRX24MFT | 1 | \$576.00 | 58\% | \$241.92 |
| B309+TFRX24S | Beimo |  | B309+TFRX24S | 1 | \$482.00 | 58\% | \$202.44 |
| ${ }^{\text {B309+TRX24.SR }}$ | Beimo |  | B309+TRR24-SR | 1 | \$500.00 | 58\% | \$210.00 |
| B309TTFRX24SR.S | Beimo |  | B309TTFRX24SR-S | 1 | \$560.00 | 58\% | \$235.20 |
|  | Belimo |  | ${ }_{\text {B }}^{\text {B309 TR24.3 Us }}$ | 1 | \$276.00 | 58\% | \$115.92 |
| B309+TR24-3300 US | Beimo |  | B309+TR24.38300 US | 1 | \$292.00 | 58\% | \$122.64 |
| B3099 + T24.3.350 Us | Baimo |  | B3099 7 T24.3.350 US | 1 | \$316.00 | 58\% | \$132.72 |
| в3099TR24.3.TUS | Belimo |  | B3399TT24.3.7 US | 1 | \$264.00 | 58\% | \$110.88 |
| B3099TF24.SR Us | Beimo |  | ${ }^{\text {B309 }}$ TR24.SR US | , | \$392.00 | 58\% | \$164.64 |
| в309+TR24.SR300 US | Beimo |  |  | 1 | \$408.00 | 58\% | \$171.36 |
| B309+TR24.SR/500 Us | Belimo |  | B3399TT24-SR500 US | 1 | \$430.00 | 58\% | \$180.60 |
|  | ${ }^{\text {Beimo }}$ |  | B309+TR24.SRRTU U | 1 | \$380.00 | 58\% | \$159.60 |
| ${ }^{\text {B3098 }+ \text { LF } 120 ~ U S ~}$ | Beimo | 3.way CCV, Brass Tim, 172", CV 0.8 with Spring, 35in-lb, Onofit, 120V | ${ }^{\text {B3098 }+ \text { FFi20 Us }}$ | 1 | \$492.00 | 58\% | \$206.64 |
| ${ }^{\text {B3098 LLFI20.S US }}$ | Beimo |  | B3098+LFI20.S US | 1 | \$549.00 | 58\% | \$230.58 |

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3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory - Mouded IVC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and , commission and which are integra

- Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, Fire Alarm Interface Panel etc.) to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated platforms/systems.
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
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units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he

Factory Installed/Factory-Provided micro-processor--controlled included/conterote I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

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A. General Purpose 1 , Yelecommications, Networking Cabing,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


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. Integrated Microprocessor-Controlled HVAC Eqipment such as Chillers, Rooftop Units, Boilers, Air Handers, fan coil, unit ventilator, heat pump, remote I/O modules, etc, which are Factory-Mouted HVAC Equipment.
 commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
Integrated BAS/EMS/IItegrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, HeAlary interface Pane (HAP), and/or other similiar device, which utiize certain proiocis (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

Integrated Microprocessor-Based HVAC Equipment;

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he

Factory Installed/Factory-Provided micro-processor--controlled included/controte I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. Generat Purpse I, Tecommunicaions, Neworking Cabing,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communcate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Moden Mumber |  | Iucl Descriplion | ct code | Warranty Period - \# of year(s) after acceptance as required by Appendix B, |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | cinse st ${ }^{\text {4 }}$ | Lsis Price | \% Discoumt | NVS Nat Price |
| B3108tLF24.SR.S US | Balimo |  | B3108+LF24-SR-S US | 1 | \$644.00 | 58\% | \$270.48 |
| B3108+LRB120.3 | Balimo |  | B3108+LRB120.3 | 1 | \$317.00 | 58\% | \$133.14 |
| B3108+LRB120.SR | Balimo |  | B3108+LRB120.SR | 1 | \$437.00 | 58\% | \$183.54 |
| B3108+LR824.3 | Baimo |  | в3108 + LR824.3 | 1 | \$283.00 | 58\% | \$118.86 |
| B3108+LRB24.3.s | Baimo |  | B3108+LR8243.5 | 1 | \$342.00 | 58\% | \$143.64 |
|  | Baimo |  | ${ }^{\text {B3108 }+ \text { LRB243.-T }}$ | 1 | \$270.00 | 58\% | \$113.40 |
| B3108+LR824-SR | Beimo |  | B3108+LR824-SR | 1 | \$404.00 | 58\% | \$169.68 |
| B3108+LE824-SR-T | Baimo | 3.way CCV, Brass Tim, 12\%; Cv 1.2 with on-Sping Retur,45 in-lb, 2-10 voc, 24V | B3108+LR824SR.T | , | \$391.00 | 58\% | \$164.22 |
| в3108 + TFRB120 | Balimo |  | B3108 + TREB120 | 1 | \$447.00 | 58\% | \$187.74 |
| в3108+TFRB120.S | Beimo |  | B3108+TFRB120.S | 1 | \$502.00 | 58\% | \$210.84 |
| в3108TFRB24 | Baimo |  | в3108+TFB824 | 1 | \$401.00 | 58\% | \$168.42 |
| в3108+tFR824-3 | Baimo |  | в3108+tFRB24-3 | 1 | \$469.00 | 58\% | \$196.98 |
| в3108+TR8824.3.S | Baimo |  | в3108+TFRB24.3.S | 1 | \$521.00 | 58\% | \$218.82 |
| B3108+TFR824-S | Beimo |  |  | 1 | \$461.00 | 58\% | \$193.62 |
| B3108+TFRB24-SR | Baimo |  | B3108+TFRB24-SR | 1 | \$492.00 | 58\% | \$206.64 |
| B3108 + TFRB24-SR-S | Baimo |  | B310+TTFR824SR-S | 1 | \$549.00 | 58\% | \$230.58 |
| B3108+TR24.3 US | Baimo |  | ${ }^{\text {B3108+TR243 US }}$ | 1 | \$236.00 | 58\% | \$99.12 |
| B3108+TR24.3300 US | Baimo |  | B3108+TR243300 US | 1 | \$254.00 | 58\% | \$106.68 |
| ${ }^{\text {B3108+TR24,3500 Us }}$ | Baimo |  | ${ }^{\text {B3108+TR24.3500 us }}$ | 1 | \$274.00 | 58\% | \$115.08 |
| 83108+TR24.-T U | Baimo | 3 .way CCV, Brass Tim, 12", Cv 1.2 with Non-Sping Reumm,18 in.lb, Onolt, 24 V | B3108+TR24.3.TU | 1 | \$222.00 | 58\% | \$93.24 |
| B3108+TR24.SR US | Baimo | 3.way CCV, Brass Tim, 12\%; CV 1.2 with Non-Sping Retur, 18 in-lb, 2.10 Voc, 24V | ${ }^{\text {B3108 }}$ +TR24.SR U | 1 | \$350.00 | 58\% | \$147.00 |
| ${ }^{\text {B3108 }}$ +R224-SR300 Us | Belimo |  | ${ }^{\text {B3108+TR24-SR330 }}$ US | 1 | \$366.00 | 58\% | \$153.72 |
| B3108+TR24-SRR500 Us | Balimo | 3.way CcV, Brass Tim, 12\%, Cv 1.2 with Non-Sping Reumm, 18 in-lb, 2-10 voc, 24V | B3108+TR24.SR550 Us | 1 | \$390.00 | 58\% | \$163.80 |
| B3108+TR24SR.TUS | Baimo |  | B3108+TR24.SR.TU | 1 | \$338.00 | 58\% | \$141.96 |
| B311+LF20 US | Baimo |  | B311+LFR20 US | 1 | \$515.00 | 58\% | \$216.30 |
| ${ }^{\text {B311+LLF20.SUS }}$ | Baimo |  | B311+LFI20.S US | 1 | \$574.00 | 58\% | \$241.08 |
| B311+LF24 US | Balimo | 3.way CCV, SS Tim, 12", Cv 1.9 with Sping, 35inlb, onotit, 24 V | B311+LF24 US | 1 | \$479.00 | 58\% | \$201.18 |
| ${ }^{\text {B311+LLF24.3US }}$ | Baimo | 3.way CCV, SS Tim, 12\%: CV 1.9 with Sping, 35inlb, Foating, 24V | ${ }^{\text {B311+L-224.3 US }}$ | 1 | \$587.00 | 58\% | \$246.54 |
| B311+LE24Met US | Baimo | 3.way CCV, SS Tim, 112", CV 1.9 wit Spping, 35in-lb, MFT, 24 V | B311+LE24Mft US | 1 | \$676.00 | 58\% | \$283.92 |
| B311+LF24MET-S US | Balimo |  | B311+LF24MFT.SUS | 1 | \$730.00 | 58\% | \$306.60 |
| B311+LF24.S US | Balimo |  | B311+LF24.S US | 1 | \$539.00 | 58\% | \$226.38 |
| B311+L-24-SR us | Baimo |  | ${ }^{\text {B31 }}$ +LLF24-SR US | 1 | \$617.00 | 58\% | \$259.14 |
| B311+L-24.SR-S US | Baimo |  | B311+L-24-SR.SUS | 1 | \$678.00 | 58\% | \$284.76 |
| B311+LRB120.3 | Baimo |  | B311+LRB120.3 | 1 | \$355.00 | 58\% | \$149.10 |
| B31 + +LRB120.SR | Baimo |  | B311+LRB120.SR | 1 | \$471.00 | 58\% | \$197.82 |
| B311+LR824.3 | Baimo | 3.way CCV, SS Trim, 112, CV 1.9 with Non-Spring Reumm,45 in-lb, Onotiffloatig, 24V | B311+LR824.3 | 1 | \$319.00 | 58\% | \$133.98 |
| B311+LR824.3.S | Baimo |  | B311+LR824.3.5 | 1 | \$375.00 | 58\% | \$157.50 |
| B311+LR824.3.T | Baimo |  | B311+LR8243-T | 1 | \$306.00 | 58\% | \$128.52 |
| B311+LR824MFT | Baimo |  | B311+LR824MFT | 1 | \$549.00 | 58\% | \$230.58 |
| B311+LR824.SR | Baimo |  | B311+LR824-SR | 1 | \$435.00 | 58\% | \$182.70 |
| B311+LR824-SR-T | Baimo |  | B311+LR824-SR-T | 1 | \$420.00 | 58\% | \$176.40 |
| B311+LCCB243 | Baimo |  | B311+LCCB243 | 1 | \$345.00 | 58\% | \$144.90 |
| B311+LRab24-1 | Baimo |  | B311+LRa824-1 | 1 | \$660.00 | 58\% | \$277.20 |
| B311+LRab24MFT | Baimo |  | B311+LR8824-MFT | 1 | \$705.00 | 58\% | \$296.10 |
| B311+LRax24.1 | Baimo |  | B311+LRax24-1 | 1 | \$660.00 | 58\% | \$277.20 |
| B311+LRax24MFT | Balimo |  | B311+LRax24-MFT | 1 | \$705.00 | 58\% | \$296.10 |
| B311+LRX120.3 | Baimo |  | B311+LRX120.3 | 1 | \$355.00 | 58\% | \$149.10 |
| B31 + LLXX120.SR | Baimo |  | B311+LRX120.SR | 1 | \$471.00 | 58\% | \$197.82 |
| B311+LR224.3 | Baimo |  | B311+LRX24.3 | 1 | \$319.00 | 58\% | \$133.98 |
| B311+LRX24.3.S | Baimo |  | B311+LRX24.3.s | 1 | \$375.00 | 58\% | \$157.50 |
| в311+LRX24.3.T | Baimo |  | B311+LR24.3.T. | 1 | \$306.00 | 58\% | \$128.52 |
| ${ }^{\text {B31 }}$ LLRX24.MFT | Balimo | 3.way CCV, SS Tim, 112", Cv 1.9 with Non-Sping Reuum,45 in-lb, MFT, 24V | B311+LRX24MFT | 1 | \$549.00 | 58\% | \$230.58 |
| B311+LRX24.MET95 | Baimo |  | B311+LRX24.MFT95 | 1 | \$650.00 | 58\% | \$273.00 |
| B311+LRX24.PC | Balimo |  | B311+LRX24.PC | 1 | \$650.00 | 58\% | \$273.00 |
| B311+LRX24.SR | Baimo |  | ${ }^{\text {B31 }}$ +LLRX24.SR | 1 | \$435.00 | 58\% | \$182.70 |
| B311+LRX24-SR-T | Baimo |  | B311+LRX24-SR-T | , | \$420.00 | 58\% | \$176.40 |
| B311+NRB24.3-TN4 | Baimo |  | B311+NRB24.3. $\mathrm{N4}$ | 1 | \$591.00 | 58\% | \$248.22 |
| B311+NBB24.3. NaH | Baimo |  |  | 1 | \$949.00 | 58\% | \$398.58 |
| B311+NB624SR.TN4 | Beimo |  | B311+NB824SR.tN4 | 1 | \$707.00 | 58\% | \$296.94 |
| B311+NRB24-SR.TN4H | Baimo |  | B311+NB824SR.TN4H | 1 | \$1,065.00 | 58\% | \$447.30 |
| B331+NRX24.MFT-TN4 | Baimo |  | ${ }^{\text {B31 1 +NX } 24.4 M F T-T N 4 ~}$ | 1 | \$834.00 | 58\% | \$350.28 |
| B311+NR 2 24-MFT-T NAH | Baimo |  | B311+NRX24-MFT-TNaH | 1 | \$1,192.00 | 58\% | \$500.64 |
| B311+TFRB120 | Baimo |  | B311+TFRB120 | 1 | \$477.00 | 58\% | \$200.34 |
| B311+TRRB120.S | Balimo |  | B31 + + TRBB120.S | 1 | \$532.00 | 58\% | \$223.44 |
| B311+TFRB24 | Baimo |  | B311+TFRB24 | 1 | \$428.00 | 58\% | \$179.76 |
| B311+TRR824.3 | Baimo |  | B311+TFR824.3 | 1 | \$494.00 | 58\% | \$207.48 |
| B311+TFR824-3.S | Baimo |  | B311+TFRB243.S | 1 | \$547.00 | 58\% | \$229.74 |
| B311+TFRB24-S | Baimo |  | B311+TFR824-S | 1 | \$488.00 | 58\% | \$204.96 |
| ${ }^{\text {B31 }}$ +TFRE224-SR | Belimo |  | ${ }^{\text {B311+TRER24-SR }}$ | , | \$504.00 | 58\% | \$211.68 |
| B311+TFR824SR-S | Baimo |  | B311+TFR824-SR-S | 1 | \$564.00 | 58\% | \$236.88 |
| B311+TFRX120 | Balimo |  | B311+TFRX120 | 1 | \$477.00 | 58\% | \$200.34 |
| B311+TRXX120.S | Baimo |  | B311+TRRx120.S | 1 | \$532.00 | 58\% | \$223.44 |
| B311+TFRX24 | Baimo |  | ${ }^{\text {B311+TFRX24 }}$ | 1 | \$428.00 | 58\% | \$179.76 |
| B311+TFFX24.3 | Baimo |  | B311+TFFX24.3 | 1 | \$494.00 | 58\% | \$207.48 |
| B311+TFRX243.S | Baimo |  | ${ }^{\text {B31 }}$ +TTFR224.3.S | 1 | \$547.00 | 58\% | \$229.74 |
| B311+TFRX24MFT | Baimo |  | ${ }^{\text {B311 }}$ TFRX24-MFT | 1 | \$580.00 | 58\% | \$243.60 |
| B311+TFAX24S | Baimo |  | B311+TFRX24S | 1 | \$488.00 | 58\% | \$204.96 |
| B311+TRK24.SR | Balimo |  | B311+TRK24.SR | 1 | \$504.00 | 58\% | \$211.68 |
| B311+TFRX24SR.S | Balimo |  | B311+TFRX24-SR-S | 1 | \$564.00 | 58\% | \$236.88 |
| B311+TR24.3 Us | Baimo |  | ${ }^{\text {B311+TR24-3 Us }}$ | 1 | \$278.00 | 58\% | \$116.76 |
| B311+TR24-3/300 US | Baimo |  | ${ }^{\text {B311+TR24.3300 US }}$ | 1 | \$294.00 | 58\% | \$123.48 |
| B311+TR24.3500 Us | Baimo |  | ${ }^{\text {B311+TR24.3500 Us }}$ | 1 | \$320.00 | 58\% | \$134.40 |
| B311+TR243.7. Us | Baimo |  | B311+TR24.3.7. ${ }^{\text {d }}$ | 1 | \$266.00 | 58\% | \$111.72 |
| B311+TR24-SR US | Belimo |  | B311+TR24-SR US | 1 | \$394.00 | 58\% | \$165.48 |
| ${ }^{\text {B31 +TT24.SR3300 US }}$ | Baimo |  | B311+TR24-SR300 Us | 1 | \$410.00 | 58\% | \$172.20 |
| ${ }^{\text {B311+TR24.SR5500 US }}$ | Baimo |  | B311+TR24-SRR500 Us | 1 | \$434.00 | 58\% | \$182.28 |
| ${ }_{\text {B }}$ B314TR24.4RRTU | Baimo |  | B311+TR24.SR.TUS | 1 | \$382.00 | 58\% | \$160.44 |
| ${ }^{\text {B31 }} 11 \mathrm{BLLE} 122 \mathrm{US}$ | Baimo | 3. way CCV, Brass Tim, 12", CV 1.9 with Spring, 35in-lb, Onoff, 120V | ${ }^{\text {B31 }} 1$ 1+LLF120 US | 1 | \$496.00 | 58\% | \$208.32 |
| B3118LLFI20.S US | Baimo | 3 .way CCV, Brass Tim, 112", Cv 1.9 with Spring, 35in-lb, Onloft, 120V, SW | ${ }^{\text {B3 }} 11 \mathrm{BLLF}$ L120.S US | 1 | \$553.00 | 58\% | \$232.26 |
| B3118tLF24US | Belimo | ${ }^{3}$ way CCV, Brass Trim, 12", Cv 1.9 with Spoing, 35inlv, onvolt, 24 V | B3118tLF24 US | 1 | \$463.00 | 58\% | \$194.46 |
| ${ }^{\text {B31 }}$ + + LF24.3 US | Beimo | 3.way CCV, Brass Tim, 12\%, CV 1.9 with Spring, 35in-lb, Foating, 24 V | ${ }^{\text {B31 }} 11 \mathrm{BLLE} 24.3$ Us | 1 | \$570.00 | 58\% | \$239.40 |
| B3118+L-24.S US | Beimo |  | ${ }^{\text {B3118+LF24-S }}$ US | 1 | \$519.00 | 58\% | \$217.98 |
| B3118+LF24.SR US | Baimo |  | B3118+LF24.SR US | 1 | \$589.00 | 58\% | \$247.38 |
| ${ }^{\text {B31 }} 118+$ LF24.S.S.S US | Baimo | 3.way CCVV, Brass Tim, 172,:CV1.9 with Spring, 35in-lb, 2-10V, 24V, SW | ${ }^{\text {B311B4LIE24.SRRS }}$ US | 1 | \$646.00 | 58\% | \$271.32 |
| B3118+LRB120:3 | Baimo |  | B3118+LRB120:3 | 1 | \$317.00 | 58\% | \$133.14 |
| B3118+LRB120.SR | Balimo |  | B3118+LRB120.SR | 1 | \$437.00 | 58\% | \$183.54 |

The scope of this contract includes the following
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. . BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Hicroprocessor-Controiled HVAC Equipment in a building or faciinty. Building Management Systems and Building Control Systems are also subcacegories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equpment such as Chillers, Rooftop Units, Boilers, Air Handers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory - Mouded INC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and , commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
Integrated BAS/EMS/IItegrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pane (hap), and/or other similar device, which utiiize certain proochs (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

Integrated Microprocessor-Based HVAC Equipment;

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, howers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
. Factory Installed/Factory-Provided micro-processor--controlled included/controte I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not imited
A. Generai Purpose 1 , Telecommicaions, Networking Cabing, fier optics (e.g. phone, pox, digial centrex, digital key systems, television, cable, A-Line, general broadband,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| model Number |  | Proctac Desaliplion | Producl Code | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54" | List | \% Disc | Nss N |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B311B+LRB24-3 | Belimo |  | B3118+LR824.3 | 1 | \$283.00 | 58\% | \$118.86 |
| в3118+LR824.3.S | Beimo |  | B3118+LR824.3.S | 1 | \$342.00 | 58\% | \$143.64 |
| в3118+LR8243-T | Beimo |  | B3118+LB824-3. $^{\text {T }}$ | 1 | \$270.00 | 58\% | \$13.40 |
| в3118+LR824-SR | Belimo |  | B3118+LRB24.SR | 1 | \$404.00 | 58\% | \$169.68 |
| B3118+LR824-SR-T | Beimo |  | B3118+LR824SR-T | 1 | \$391.00 | 58\% | \$164.22 |
| в3118+TFRB120 | Belimo |  | B3118+TFRB120 | 1 | \$449.00 | 58\% | \$188.58 |
| B3118+TFRB120.S | Belimo |  | B3118+TFRB120-S | 1 | \$504.00 | 58\% | \$211.68 |
| B3118+TFRE24 | Beimo | 3.way CCV, Brass Tim, 12\%; Cv, 1.9 with Spring Reum, 22 in-b, Onotit,24V | B3118+TRB824 | 1 | \$404.00 | 58\% | \$169.68 |
| B3118+TPRB24-3 | Belimo | 3.way CCV, Brass Tim, 172, CV 1.9 with Sping Return,22 intb, Onotifficazing,24V | B3118 + TFRB24-3 | , | \$471.00 | 58\% | \$197.82 |
| B3118+TRR8243.S | Beimo | 3.way CCV, Brass Tim, 172, Cv 1.9 with Sping Return,22 intb, Onvolffifoaing.24V | в3118+TFRB243.S | 1 | \$523.00 | 58\% | \$219.66 |
| B3118+TFR824-S | Belimo | 3 3.way CCV, Brass Tim, 12\%, Cv 1.9 with Spring Reum, 22 in-w, onnoti, 24V | B3118TTFRB24-S | 1 | \$463.00 | 58\% | \$194.46 |
| ${ }^{\text {B3118+TFRB24-SR }}$ | Belimo |  | B3118+TFR824-SR | 1 | \$492.00 | 58\% | \$206.64 |
| B3118 + TFRB24-SR-S | Belimo | 3.way CCV, Brass Timm, 12\%"; Cv 1.9 with Sping Return,22 inlb, 2-10 voc, 24V | B3118 + TFRB24-SR-S | 1 | \$549.00 | 58\% | \$230.58 |
| B3118+TR24.3 US | Belimo |  | B3118+TR24.3 US | 1 | \$236.00 | 58\% | \$99.12 |
| B3118+TR24-3300 US | Beimo |  | B3118+TR24-3300 US | 1 | \$254.00 | 58\% | \$106.68 |
| B3118 $\mathrm{FTR24.3500}$ Us | Belimo |  | B3118+TR24.3500 Us | 1 | \$274.00 | 58\% | \$115.08 |
| B31118+TR24.3.TU | Belimo |  | B31118+TR24.3.7 U | 1 | \$222.00 | 58\% | \$93.24 |
| ${ }^{\text {B3118+TR24-SR U }}$ | Belimo |  | B3118+TR24-SR US | 1 | \$350.00 | 58\% | \$147.00 |
| B3118+TR24-S83300 US | Belimo |  | B3118+TR24-4R330 US | 1 | \$366.00 | 58\% | \$153.72 |
| B3118+TR24-SRE500 US | Belimo |  | ${ }^{\text {B3118+TR24-4R/500 US }}$ | 1 | \$390.00 | 58\% | \$163.80 |
| B3118+TR24-SR.TUS | Belimo |  | B3118+TR24-SR-T US | 1 | \$338.00 | 58\% | \$141.96 |
| B312+LF120 US | Belimo |  | B312+LF120 US | 1 | \$521.00 | 58\% | \$218.82 |
| ${ }^{\text {B312 }}$ +LFI20.S US | Belimo | 3 -way CCV, SS Tim, 12\%, Cv 3.0 with Sping, 35inlb, Onoft, 120V, sw | ${ }^{\text {B312+LF12-S }}$ US | 1 | \$580.00 | 58\% | \$243.60 |
| ${ }^{\text {B3124+LF24 }}$ | Belimo |  | ${ }^{\text {B3124+LF24 US }}$ | 1 | \$490.00 | 58\% | \$205.80 |
| B312+LF24.3 US | Belimo | 3.way CCV, SS Tim, 12\%; Cv 3.0 with Sping, 35in-lb, Floating, 24V | B312+LF24-3 US | 1 | \$597.00 | 58\% | \$250.74 |
| B312+LE24Met US | Belimo |  | B312+LF24Mer US | 1 | \$688.00 | 58\% | \$288.96 |
| B312+LF24-MFT-S US | Belimo |  | B312+LF24MET.S US | 1 | \$744.00 | 58\% | \$312.48 |
| B312+LF24.S US | Belimo |  | B312+LF24-S US | 1 | \$545.00 | 58\% | \$228.90 |
| B312+LE24-SR US | Beimo |  | ${ }^{\text {B312+LF24-SR US }}$ | 1 | \$627.00 | 58\% | \$263.34 |
| ${ }^{\text {B312+LE24-SR.S U }}$ | Belimo | 3.way CCV, SS Tim, 112", CV 3.0 with Sping, 35in-lb, 2-10V, 24V, SW | B312+L-24-SR.S US | 1 | \$684.00 | 58\% | \$287.28 |
| B312+LRB120.3 | Belimo |  | B312 2 LRB120.3 | 1 | \$361.00 | 58\% | \$151.62 |
| B312+LRB120.SR | Beimo |  | ${ }^{\text {B312+LRB120.SR }}$ | 1 | \$475.00 | 58\% | \$199.50 |
| B312+LR824.3 | Belimo |  | B312+LRB24.3 | 1 | \$328.00 | 58\% | \$137.76 |
| B312+LR824.3.S | Belimo |  | B312+LR824.3.S | 1 | \$384.00 | 58\% | \$161.28 |
| B312+LB824-3.T | Belimo |  | B312+LRB24-3. ${ }^{\text {T }}$ | 1 | \$312.00 | 58\% | \$131.04 |
| B312+LR824MFT | Beimo |  | B312+LR824MFT | 1 | \$551.00 | 58\% | \$231.42 |
| B312+LR824-SR | Belimo | 3 -way CCV, SS Tim, 12 ", Cv 3.0 with Non-Spring Reuun,45 in-Ib, 2.10 Voc, 24V | B312+LR824-SR | 1 | \$439.00 | 58\% | \$184.38 |
| B312+LE824-SR-T | Belimo | 3 -way CCV, SS Tim, 12 ", Cv 3.0 with Non-Spring Reutm,45 in-lb, 2-10 Voc, 24 V | B312+LR24-SR-T | 1 | \$424.00 | 58\% | \$178.08 |
| B312+LCCB243 | Belimo |  | B312+LCCB243 | 1 | \$354.00 | 58\% | \$148.68 |
| B312+LRab24-1 | Beimo |  | B312+LRa824-1 | 1 | \$665.00 | 58\% | \$279.30 |
| B312+LROB24-MFT | Belimo |  | B312+LROB24-MFT | 1 | \$707.00 | 58\% | \$296.94 |
| B312+LRax24.1 | Belimo |  | B312+LROX24-1 | 1 | \$665.00 | 58\% | \$279.30 |
| B312+LRax24-MFT | Belimo |  | B312+LROX24-MFT | 1 | \$707.00 | 58\% | \$296.94 |
| B312+LRX120.3 | Beimo |  | B312+LRx $\times 120.3$ | 1 | \$361.00 | 58\% | \$151.62 |
| B312+LRX120.SR | Beimo |  | ${ }^{\text {B312 }}$ +LPX120.SR | 1 | \$475.00 | 58\% | \$199.50 |
| B312+1RX24.3 | Beimo |  | B312+LRX24.3 | 1 | \$328.00 | 58\% | \$137.76 |
| B312+LRX24.3.S | Beimo |  | B312+LRX24.3.S | 1 | \$384.00 | 58\% | \$161.28 |
| B312+LR×24.3.T | Beimo |  | B312+LRX24.9T | 1 | \$312.00 | 58\% | \$131.04 |
| ${ }^{\text {B312+LR244-MFT }}$ | Beimo | 3.way CCV, SS Tim, 1/2", Cv 3.0 with Non-Sping Relur,45 in-lb, MFT, 24V | ${ }^{\text {B312 }}$ +LR244-MFT | 1 | \$551.00 | 58\% | \$231.42 |
| B312+LRX24MFT95 | Belimo |  | B312+LAX24MET95 | 1 | \$652.00 | 58\% | \$273.84 |
| ${ }^{\text {B312+LRX24.PC }}$ | Belimo | ${ }^{3}$.way CCV, SS Tim, 12 ", Cu 3.0 with Non.Spring Reuun,45 in.lb, Phasecut, 24 V | B312+LRX24.PC | 1 | \$652.00 | 58\% | \$273.84 |
| B312+LRX24-SR | Belimo | 3 -way CCV, SS Tim, 12 ", Cv 3.0 with Non-Spring Reuun,45 in-lb, 2.10 Voc, 24V | B312+LRX24-SR | 1 | \$439.00 | 58\% | \$184.38 |
| B312+LRX24-SR-T | Belimo |  | B312+LKX24.SR-T | 1 | \$424.00 | 58\% | \$178.08 |
| B312+NB824.3. Na | Beimo |  | B312+NB824.3. Na | 1 | \$593.00 | 58\% | \$249.06 |
| B312+NB824.3. NaH | Belimo |  | B312+NB824.3.TN4H | 1 | \$951.00 | 58\% | \$399.42 |
| B312+NB824-SR-T N4 | Belimo | 3.way CCV, SS Tim, 121", Cv 30. with Non-Sping Reum, 70 in-lb, 2-10 voc, $24 \mathrm{4V}$ | B312+NB624SR-TN4 | 1 | \$709.00 | 58\% | \$297.78 |
| B312-NRB24-SR-TN4H | Belimo | 3 3.way CCV, SS Timm, ,12:", Cv 3 with Non-Spring Return,70 in-lb, 2-10 voc,24V | B312+NBR24.SR-T NaH | 1 | \$1,067.00 | 58\% | \$448.14 |
| B312+NRX24-MET-TN4 | Belimo | 3.way CCV, SS Tim, 121", Cv 3.0 with Non-Sping Reuum,70 in-lb, MFT, 24V | B312+NRX24.MET-TN4 | 1 | \$836.00 | 58\% | \$351.12 |
| B312-NK24-MFT-TN4H | Beimo |  | B312-NBX24-MfT-TNAH | 1 | \$1,194.00 | 58\% | \$501.48 |
| B312+TFRB120 | Belimo |  | B312+TFRB120 | 1 | \$482.00 | 58\% | \$202.44 |
| ${ }^{\text {B312+TRRB120.S }}$ | Belimo |  | ${ }^{\text {B312+TFRB120.S }}$ | 1 | \$537.00 | 58\% | \$225.54 |
| ${ }^{\text {B312+TFRB24 }}$ | Belimo |  | B312+TFRB24 $^{\text {a }}$ | 1 | \$435.00 | 58\% | \$182.70 |
| B312+TFR8243 | Beimo |  | B3124TFR824.3 | 1 | \$496.00 | 58\% | \$208.32 |
| ${ }^{\text {B312+TFR224.3.S }}$ | Belimo |  | ${ }^{\text {B312+TFRB24.3.S }}$ | 1 | \$549.00 | 58\% | \$230.58 |
| B312+TFR824-S | Belimo |  | B312+TFR824-S | 1 | \$492.00 | 58\% | \$206.64 |
| ${ }^{\text {B312T-TRB24-SR }}$ | Beimo |  | B312+TFBB24-SR | 1 | \$509.00 | 58\% | \$213.78 |
| ${ }^{\text {B312 }}$ +TFRB24SRRS | Belimo |  | ${ }^{\text {B312+TFRB24-SR-S }}$ | 1 | \$568.00 | 58\% | \$238.56 |
| B3124TFRX120 | Beimo |  | B3124TFRX120 | 1 | \$482.00 | 58\% | \$202.44 |
| ${ }^{\text {B312TfRX } 120 . S}$ | Belimo |  | ${ }^{\text {B312TTFRX120.S }}$ | 1 | \$537.00 | 58\% | \$225.54 |
| в312+TFRX24 | Beimo |  | ${ }^{\text {B312+TFRX24 }}$ | 1 | \$435.00 | 58\% | \$182.70 |
| B312+TFRX24 | Belimo |  | B312+TFRX243 | 1 | \$496.00 | 58\% | \$208.32 |
|  | Beimo |  | B312Tfrk24.4.S $^{\text {S }}$ | 1 | \$549.00 | 58\% | \$230.58 |
| B312+TFRX24MFT | Beimo | 3.way CCV, SS Tim, 12\%: Cu 3.0 with Spring Reum, 22 in-b, MrF, 24V | B312+TFRX24-MFT | 1 | \$584.00 | 58\% | \$245.28 |
| B312+TFAx24S | Belimo |  | B312+TFRX24S | 1 | \$492.00 | 58\% | \$206.64 |
| ${ }^{\text {B312TFRX24.SR }}$ | Belimo |  | ${ }^{\text {B312T }}$ TFRX24.SR | 1 | \$509.00 | 58\% | \$213.78 |
| B312TTFRX24SR-S | Belimo |  | B312+TFRX24-SR-S | 1 | \$568.00 | 58\% | \$238.56 |
| $\mathrm{B}^{\text {2 } 2 \text { +TR24-3 }}$ US | Beimo |  | B312+TR24-3 Us | 1 | \$284.00 | 58\% | \$119.28 |
| B312+TR24-3300 US | Belimo |  | B312+TR24.3300 US | 1 | \$302.00 | 58\% | \$126.84 |
| B312+TR24-3500 Us | Belimo |  | B312+TR24.3500 Us | 1 | \$328.00 | 58\% | \$137.76 |
| B312+TR243.TUS | Beimo |  | B312+TR24.3.7 US | 1 | \$272.00 | 58\% | \$114.24 |
| B312+TR24.SR US | Beimo |  | B312+TR24-SR US | 1 | \$400.00 | 58\% | \$168.00 |
| B312+TR24-SR300 US | Beimo | 3 -way CCV, SS Trim, 12 ", Cv 3.0 with No.Spring Relum, 18 in-Ib, 2.10 VDC, 24 V | B312+TR24.SR300 US | 1 | \$416.00 | 58\% | \$174.72 |
| B312+TT24.4R1500 US | Belimo | 3 -way CCV, SS Tim, 12 ", Cv 3.0 with Non-Spring Reumm, 18 in-lb, 2.10 Voc, 24V | B312+TR24.SR/500 Us | 1 | \$441.00 | 58\% | \$185.22 |
| B312+TR24.SR.TU | Belimo | 3 -way CCV, SS Tim, 12 ", Cv 3.0 with Non-Spring Reutu, 18 in-Ib, 2.-10 Voc, 24 V | B312+TR24-SR.TU | 1 | \$388.00 | 58\% | \$162.96 |
| ${ }^{\text {B312B }+ \text { LF } 120 ~ U S ~}$ | Belimo | 3 .way CCV, Brass Tim, 12", Cv 3. w with Spring, 35in-lb, Onolf, 120V | B3128tLF120 US | 1 | \$498.00 | 58\% | \$209.16 |
| ${ }^{\text {B3128 }}$ LFI20.S US | Belimo |  | B3128+LFI20.S US | 1 | \$555.00 | 58\% | \$233.10 |
| B3128t-L24US | Beimo |  | B3128LLF24 US | 1 | \$473.00 | 58\% | \$198.66 |
| ${ }^{\text {B3128+LE24.3 US }}$ | Beimo | 3.way CCV, Brass Trim, 12\%; Cu 3.0 with Spring, 35in-lb, Foating, 24V | ${ }^{\text {B312B+LE243 }}$ US | 1 | \$580.00 | 58\% | \$243.60 |
| ${ }^{\text {B312B+LF24.S US }}$ | Beimo |  | ${ }^{\text {B312B+LF24.S US }}$ | 1 | \$525.00 | 58\% | \$220.50 |
| ${ }^{\text {B3128 }}$ +LF24.SR US | Belimo | ${ }^{3}$-way CCV, Brass Tim, 122", Cv 3.0 with Sping, 35inlb, $2.10 \mathrm{TVV}, 24 \mathrm{~V}$ | ${ }^{\text {B3128 }}$ +F24.SR US | 1 | \$600.00 | 58\% | \$252.00 |
| ${ }^{\text {B312B+LF-24.SR.S }}$ US | Beimo |  | ${ }^{\text {B3128 }}$ LF24-SRRS S US | 1 | \$648.00 | 58\% | \$272.16 |
| ${ }^{\text {B3128 }+188120.3}$ | Beimo |  | B3128 + LRB120:3 | 1 | \$321.00 | 58\% | \$134.82 |
| ${ }^{\text {B3128 LLRB120.SR }}$ | Beimo |  | ${ }^{\text {B3128 }}$ +RB120.SR | 1 | \$445.00 | 58\% | \$186.90 |
| в3128+LR824.3 | Beimo |  | B3128 + LR824.3 | 1 | \$287.00 | 58\% | \$120.54 |
|  | Beimo |  |  | 1 | \$346.00 | 58\% | \$145.32 |
| в3128+LB824-3.T | Beimo |  | в3128+LR824.3.T | 1 | \$275.00 | 58\% | \$115.50 |

The scope of this contract includes the following
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated icroprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory - Mouded INC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and , commission and which are integra

- Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, Fire Alarm Interface Pane etc.) to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated platforms/systems.
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he

Factory Installed/Factory-Provided micro-processor--controlled included/controte I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose 1 , Yelecomminicaions, Networking Cabing,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communcate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Number |  | Protuct Descripition | osuct Cose | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54 " | List Price | \% Disount | Ns Nat Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B3128+LRB24.SR | Balimo |  | B3128+LR824.SR | 1 | \$410.00 | 58\% | \$172.20 |
| B3128+LR824-SR-T | Belimo | 3.way CcV, Brass Tim, 12", Cv 3.0 with Non-Sping Reumm,45 in-lb, 2-10 voc, 24V | B3128+LRB24SR.T | 1 | \$397.00 | 58\% | \$166.74 |
| в3128+7RRB120 | Baimo |  | B3128+TRBB120 | 1 | \$453.00 | 58\% | \$190.26 |
| B3128+TFRB120.S | Baimo |  | B3128+TRRB120-S | 1 | \$509.00 | 58\% | \$213.78 |
| B3128TFRB24 | Baimo |  | B3128+TR8824 | 1 | \$408.00 | 58\% | \$171.36 |
| B3128+TFR824-3 | Baimo |  | B3128+TFR8243 | 1 | \$473.00 | 58\% | \$198.66 |
| B3128+TPR8243.S $^{\text {S }}$ | Belimo |  | B3128+TFR824.3.S | 1 | \$525.00 | 58\% | \$220.50 |
| B3128+TFR824-S | Belimo |  |  | 1 | \$467.00 | 58\% | \$196.14 |
| ${ }_{\text {B312B+TFRB24-SR }}$ | Beimo |  | ${ }_{\text {B3128+TFRB24-SR }}$ |  | \$494.00 | 58\% | \$207.48 |
| B3128TFRB224-SR-S | Baimo | 3 3.way Ccv, Brass Tim, 12\%, Cv 1.9 with Sping Return,22 in-lb, 2-10 voc,24V | B3128+TRB824-SR-S | 1 | \$551.00 | 58\% | \$231.42 |
| B3128+TR24.3 US | Baimo |  | B3128+TR243 US $^{\text {d }}$ | 1 | \$244.00 | 58\% | \$102.48 |
| B3128+TR24-3300 US | Baimo |  | B3128+TR24-3300 US | 1 | \$260.00 | 58\% | \$109.20 |
| B3128+TR24.3500 Us | Beimo |  | $\mathrm{Ba}^{3128+\text { Pr24-3,500 US }}$ | 1 | \$280.00 | 58\% | \$117.60 |
| B3128+TR24.3.TU | Belimo |  | B3128+TR24.3.7U | 1 | \$230.00 | 58\% | \$96.60 |
| B3128+TR24.SR U | Balimo | 3.way CcV, Brass Tim, 127, Cv 3.0 with Non-Sping Reumm, 18 in-lb, 2-10 voc, 24V | ${ }^{\text {B3128+TR24-SR U }}$ | 1 | \$356.00 | 58\% | \$149.52 |
| в3128+TR24-SR330 US | Beimo |  | B3128+TR24-4R330 Us | 1 | \$375.00 | 58\% | \$157.50 |
| $\mathrm{B312B+TR24-SR550} \mathrm{US}^{\text {a }}$ | Beimo |  | ${ }^{\text {B3128+TR24-4R550 US }}$ | 1 | \$396.00 | 58\% | \$166.32 |
| B3128-TR24SR.TUS | Baimo | 3 -way Ccv, Brass Tim, 172, Cov 3.0 with No.-Sping Reumr, 18 in-lb, 2-10 voc,24V | B3128+TR24-SR-TUS | 1 | \$344.00 | 58\% | \$144.48 |
| B313+LF120 US | Balimo | 3.way CcV, SS Tim, 12\%, Cv 4.7.7 with Sping, 35in-b, Onolf, 120V | B313+LF120 US | 1 | \$523.00 | 58\% | \$219.66 |
| ${ }^{\text {B313+LFI20.S US }}$ | Beimo |  | ${ }^{\text {B313 }}$ L-LF20.S U | 1 | \$582.00 | 58\% | \$244.44 |
| ${ }^{\text {B313+LF24 US }}$ | Belimo |  | B313+LF24 US | 1 | \$492.00 | 58\% | \$206.64 |
| ${ }^{\text {B313+LF24.3 }}$ US | Balimo | 3 .way CCV, SS Tim, 12\%; Cv 4.7 with Sping, 35in'lb, Foating, 24V | B3134t-24.3 US | 1 | \$600.00 | 58\% | \$252.00 |
| B313+LE24MFT US | Balimo |  | B313+LE24M-T US | 1 | \$693.00 | 58\% | \$291.06 |
| B313+LF24MET.S US | Baimo |  | B3134+L24MET.S US | 1 | \$788.00 | 58\% | \$314.16 |
| B313+L-24.S US | Baimo |  | B313+L-24.S US | 1 | \$547.00 | 58\% | \$229.74 |
| ${ }^{\text {B313 }}$ LLF24-SR US | Balimo |  | ${ }^{\text {B313 }}$ LLF24.SR US | 1 | \$629.00 | 58\% | \$264.18 |
| B313+LF24-SR.S US | Baimo | 3.way CCVV, SS Tim, 112\%, CV4, 47 with Spring, 35in-lb, 2-10V, 24V, Sw | B313+LF24-SR.S US | 1 | \$686.00 | 58\% | \$288.12 |
| B313+LRB120.3 | Baimo |  | B313+LRB120.3 | , | \$365.00 | 58\% | \$153.30 |
| ${ }^{\text {B13 }}$ +LLRB120.SR | Beimo |  | B313+LRE120.SR | 1 | \$479.00 | 58\% | \$201.18 |
| B313+LRB24.3 | Belimo |  | B313+LR824.3 | 1 | \$332.00 | 58\% | \$139.44 |
| 8313+LR824.3.5 | Baimo |  | B313+LR824.3.5 | 1 | \$389.00 | 58\% | \$163.38 |
| в313+LR824.3.T | Beimo |  | B313+LR824.4.T | 1 | \$317.00 | 58\% | \$133.14 |
| в313+LR824MeT | Beimo |  | B313 LLR824MFT | 1 | \$562.00 | 58\% | \$236.04 |
| B313+LR824SR | Belimo |  | B313+LR824SR | 1 | \$445.00 | 58\% | \$186.90 |
| ${ }_{\text {B313 LLRE24-SR-T }}$ | Beimo |  | B313+LR824.SR-T | 1 | \$428.00 | 58\% | \$179.76 |
| B313+LRCB243 | Baimo |  | B313+LRCB243 | 1 | \$358.00 | 58\% | \$150.36 |
| B313+LRa824.1 | Baimo |  | B313+LRa824-1 | 1 | \$674.00 | 58\% | \$283.08 |
| в313+LRab24MFT | Beimo |  | в313+LRob24-MFT | 1 | \$716.00 | 58\% | \$300.72 |
| B313+LRax24.1 | Belimo | 3 3.way CCV, SS Tim, 1/2, Cr 4.7 with Non-Spring Retum,45 intib, Onotit,24V | B313+LROX24-1 | 1 | \$674.00 | 58\% | \$283.08 |
| B313+LRax24MFT | Beimo |  | B313+LRax24-MFT | 1 | \$716.00 | 58\% | \$300.72 |
| B313+LRX 120.3 | Balimo |  | B313+LRX 120.3 | 1 | \$365.00 | 58\% | \$153.30 |
| B313+LL××120.SR | Baimo |  | ${ }^{\text {B313 }}$ +LRX120.SR | 1 | \$479.00 | 58\% | \$201.18 |
| B313+LRX24.3 | Baimo |  | B313+LRX24.3 | 1 | \$332.00 | 58\% | \$139.44 |
| 8313+LR24.3.5 | Baimo |  | B313+LRX24-3. ${ }^{\text {S }}$ | 1 | \$389.00 | 58\% | \$163.38 |
| в313+LR×24.3.T | Beimo |  | в313+LR×243.T | 1 | \$317.00 | 58\% | \$133.14 |
| B313tLRX24MFT | Beimo |  | ${ }^{\text {B313+LRX24-MFT }}$ | 1 | \$562.00 | 58\% | \$236.04 |
| B313+LRX24-MFT95 | Beimo | 3 3.way CCV, SS Tim, 12\%; CV4.7.7 with Non-Sping Reumm,45 in.lb, MFT, 24V |  | 1 | \$660.00 | 58\% | \$277.20 |
| B313+LRX24.PC | Belimo |  | B313+LRX24.PC | 1 | \$660.00 | 58\% | \$277.20 |
| B313+LRX24.SR | Belimo |  | B313+LRX24.SR | 1 | \$445.00 | 58\% | \$186.90 |
| B313+LRX24-SR-T | Belimo |  | B333+LR24.SR-T | 1 | \$428.00 | 58\% | \$179.76 |
| в313-NEB24.3.7N4 | Belimo |  | B313+NB8243-T N 4 | 1 | \$593.00 | 58\% | \$249.06 |
| B313+N8824.3.TNAH | Beimo |  | B313-NRB24.3.7N4H | 1 | \$951.00 | 58\% | \$399.42 |
| B313+NB824.SR-TN4 | Beimo |  | B313+NRB24-SR-TN4 | 1 | \$709.00 | 58\% | \$297.78 |
| B313-NER24-SR-T NaH | Belimo | 3 -way CCV, SS Tim, 12", Cv 4.7 with Non-Spring Reumm,70 in-lb, 2-10 Voc, 24V | B313-NE824-SR-TN4H | 1 | \$1,067.00 | 58\% | \$448.14 |
| B333-NX224-MFT-TN4 | Belimo |  | B313-NNX24-MFT-TN4 | 1 | \$836.00 | 58\% | \$351.12 |
| B313-NRX24-MFT-TN4H | Beimo |  | B313-NBX24-MFT-TNAH | 1 | \$1,194.00 | 58\% | \$501.48 |
| B313+TFRB120 | Belimo |  | B313+TRRB120 | 1 | \$484.00 | 58\% | \$203.28 |
| B313TFRBB20.S $^{\text {S }}$ | Beimo |  | B313+TRRB120.S | 1 | \$539.00 | 58\% | \$226.38 |
| ${ }^{\text {B313 }}$ +FFRB24 | Belimo |  | ${ }^{\text {B313T+FRB24 }}$ | 1 | \$437.00 | 58\% | \$183.54 |
| в313+7FR824.3 | Belimo |  | B313+7FR824.3 | 1 | \$500.00 | 58\% | \$210.00 |
| B313+TFR824.3.S | Belimo |  | B313+TFR224.3.S | 1 | \$553.00 | 58\% | \$232.26 |
| B313+TFR824-S | Belimo |  | B3134TFR824-S | 1 | \$494.00 | 58\% | \$207.48 |
| ${ }^{\text {B313TFRE824.SR }}$ | Belimo |  | B313+TRB24-SR | 1 | \$513.00 | 58\% | \$215.46 |
| B313+TFRB24SR.S | Belimo |  | ${ }^{\text {B3 } 31+T P R B 24-S R . S ~}$ | 1 | \$572.00 | 58\% | \$240.24 |
| B313+TERX120 | Beimo |  | B313+TFRx 120 | 1 | \$484.00 | 58\% | \$203.28 |
| B313+TFRX120-S | Belimo |  | B313+TFRX120-S | 1 | \$539.00 | 58\% | \$226.38 |
| в313+TFRX24 | Beimo |  | ${ }^{\text {B313 }}$ +7FRX24 | 1 | \$437.00 | 58\% | \$183.54 |
| B313+7FRX24.3 | Belimo |  | B313+TFRX243 | 1 | \$500.00 | 58\% | \$210.00 |
| ${ }^{\text {B313TTFRX24.3.S }}$ | Belimo |  | ${ }^{\text {B33 }}$ +TFRX24.3.S | 1 | \$553.00 | 58\% | \$232.26 |
| B313+TFRX24MFT | Belimo |  | ${ }_{\text {B3 } 33+T F R X 24-4 F T ~}^{\text {a }}$ | 1 | \$586.00 | 58\% | \$246.12 |
| B313+TFRX24-S | Belimo |  | B313+TFRX24.S | 1 | \$494.00 | 58\% | \$207.48 |
| ${ }^{\text {B313 }}$ +FFX24.SR | Beimo |  | ${ }^{\text {B313 }}$ +TFRR224.SR | 1 | \$513.00 | 58\% | \$215.46 |
| B313+TFRX24-SR-S | Belino | 3.way CCV, SS Trim, 112", Cv.7.7 with Sping Reumm,22 in-1b, 2.10 VDC, 24V | B313+TFRX24-SR-S | 1 | \$572.00 | 58\% | \$240.24 |
| ${ }^{\text {B313+TR24.3 US }}$ | Belimo |  |  | 1 | \$286.00 | 58\% | \$120.12 |
| B313+TR24-3300 US | Beimo |  | B313+TR24.3800 US | 1 | \$305.00 | 58\% | \$128.10 |
| B313+TR24.3500 Us | Belimo |  | B313+TR24.3500 us | 1 | \$330.00 | 58\% | \$138.60 |
| B313+TR24.3.7 Us | Beimo |  | ${ }^{\text {B313 }}$ +TR24.3.7 U | 1 | \$274.00 | 58\% | \$115.08 |
| B313+TR24-SR US | Beimo |  | B313+TR24.SR US | 1 | \$404.00 | 58\% | \$169.68 |
| B313+TR24.S8R300 Us | Belimo |  | ${ }^{\text {B313+TT24.SER300 Us }}$ | 1 | \$420.00 | 58\% | \$176.40 |
| B313+TR24.SRF500 US | Beimo |  | B313+TR24-SR/500 US | 1 | \$445.00 | 58\% | \$186.90 |
| B313+TR24-SR-TUS | Beimo |  | B313+TR24.SR.TU | 1 | \$392.00 | 58\% | \$164.64 |
| ${ }^{\text {B313B }+ \text { FFi20 US }}$ | Belimo |  | ${ }^{\text {B313B }+ \text { FFi } 120 ~ U S ~}$ | 1 | \$500.00 | 58\% | \$210.00 |
| ${ }^{\text {B3138 }}$ LFIT20.S US | Belimo |  | ${ }^{\text {B3138 }}$ LFIT20.S US | 1 | \$557.00 | 58\% | \$233.94 |
| B3138tLF24US | Belimo |  | B3138+LF24 US | 1 | \$475.00 | 58\% | \$199.50 |
| ${ }^{\text {B313B+LE24.3 U }}$ | Beimo |  | ${ }^{\text {B313B+LE24, }}$ US | 1 | \$582.00 | 58\% | \$244.44 |
| ${ }^{\text {B31384+LF24.S US }}$ | Beimo |  | ${ }^{\text {B313B+LF24.S US }}$ | 1 | \$528.00 | 58\% | \$221.76 |
| ${ }_{\text {B3 }} 138+$ LF24.SR US | Beimo |  | ${ }^{\text {B313B+LF24-SR U }}$ | 1 | \$602.00 | 58\% | \$252.84 |
| ${ }^{\text {B3138 }}$ +LF24-SR.S US | Beimo |  | ${ }^{\text {B3138BtIF24-SR.S US }}$ | 1 | \$650.00 | 58\% | \$273.00 |
| в313+ +1 R120.3 | Belimo | 3 .way CCV, Brass Tim, 112", Cv 4.7 with Non-Spring Reum, 45 inibl, Onotiffroaing, 120V | B3138+LRB120.3 | 1 | \$328.00 | 58\% | \$137.76 |
| ${ }^{\text {B3 } 338+L R B 120 . S R ~}$ | Belimo |  | ${ }^{\text {B3138 }}$ +LRB120.SR | 1 | \$449.00 | 58\% | \$188.58 |
| в3138+ $\llcorner$ R824.3 | Beimo |  | B3138 + LR824.3 | 1 | \$291.00 | 58\% | \$122.22 |
|  | Belimo |  | ${ }^{\text {B133+4B824.3.S }}$ | 1 | \$350.00 | 58\% | \$147.00 |
|  | Beimo |  | ${ }^{\text {B133 }}$ +LRB24.3.T | 1 | \$279.00 | 58\% | \$117.18 |
| 83138+LR824-SR | Belimo | 3 3.way Cov, Brass Tim, 12", CV 4.7 with Non-Spring Return,45 in-lb, 2-10 voc, 24 V | B3138+LB824.SR | 1 | \$414.00 | 58\% | \$173.88 |
| B3138+LR824-SR.T | Beimo |  | B3138+LR824SR.T | 1 | \$401.00 | 58\% | \$168.42 |
| в3138 + т RB120 | Beimo |  | ${ }^{\text {B3138 }}$ +FRBB120 | 1 | \$459.00 | 58\% | \$192.78 |
| B3133+TFRB120-S |  |  | B3313+TFREB120-S |  | \$513.00 | 58\% | \$215.46 |

The scope of this contract includes the following:
Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated icroprocessor-Controlied HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipentsch as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these commission and which are integr
products by the authorized user.
4. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain prods (egAC Bet, LonTalk, Modbus, etc.) to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated platforms/systems.
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

Integrated Microprocessor-Based HVAC Equipment;

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, howers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
. Factory Installed/Factory-Provided micro-processor--controlled included/cont
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose I, Telecommumications, Networking Cabling, Fber Optics (e.g. phone, pbx, digial centrex, digital key systems, television, cabe, 1-Line, general broadband,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communcate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Mosel Number |  | Proctec Descriplion | Producl code | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54 " | List Price |  | Nrsme |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B3138+TFRB24 | Beimo |  | B3138+TFRB24 | 1 | \$412.00 | 58\% | \$173.04 |
| B3138+TFRB24.3 | Beimo |  | B3138+TFRB243 | , | \$477.00 | 58\% | \$200.34 |
| в3138+TR8B24.3.S | Baimo |  | вз 3 B+TFR824.3.S | 1 | \$530.00 | 58\% | \$222.60 |
| B3138+TFRB24S | Beimo |  | B3138+TFRB24S | 1 | \$471.00 | 58\% | \$197.82 |
| B3 $^{38}+$ +FRB824-SR | Beimo |  | ${ }_{\text {B3 }} 138+$ +FRB24-SR | 1 | \$498.00 | 58\% | \$209.16 |
| в3138+TRB224-SR-S | Baimo |  | B3138+TRR824-SR-S | 1 | \$555.00 | 58\% | \$233.10 |
| в3138+TR24.3 US | Baimo |  | B3138+TR243 US | 1 | \$246.00 | 58\% | \$103.32 |
| ${ }^{\text {B3134+TR24-3/300 US }}$ | Baimo |  | B3138+TR24-3300 Us | 1 | \$262.00 | 58\% | \$110.04 |
| B313+TR24.3500 Us | Baimo |  | B3138+TR24,3500 Us | 1 | \$282.00 | 58\% | \$118.44 |
| 83138+TR243.TU U | Beimo |  | ${ }^{\text {B3138+TR24.3.7 U }}$ | 1 | \$232.00 | 58\% | \$97.44 |
| 83138+TR24.SR U | Beimo |  | ${ }^{\text {B3 }} 338+$ TR24-SR US | 1 | \$360.00 | 58\% | \$151.20 |
| ${ }^{\text {B3138 }+ \text { +R24-SRR300 US }}$ | Belimo |  | ${ }^{\text {B3138+TR24.SR3300 US }}$ | 1 | \$380.00 | 58\% | \$159.60 |
| ${ }^{\text {B313B }}$ +TR24-SRF500 US | Balimo |  | ${ }^{\text {B313B+TR24 SRR500 US }}$ | 1 | \$400.00 | 58\% | \$168.00 |
| B3138+TR24SR-TUS | Beimo | 3-way CCV, Brass Trim, 1/2", Cv 4.7 CCV w/ Chrome Plated Brass Ball and Stem with Non-Spring Return, $18 \mathrm{in}-\mathrm{lb}, 2-10 \mathrm{VDC}, 24 \mathrm{~V}$ | B313BtTR24-SR-TUS | 1 | \$348.00 | 58\% | \$146.16 |
| B315+LF120 US | Beimo |  | B315+LF120 US | 1 | \$528.00 | 58\% | \$221.76 |
| ${ }^{\text {B315+LF120.S US }}$ | Beimo |  | B315+L-120.S US | 1 | \$587.00 | 58\% | \$246.54 |
| ${ }^{\text {B3 }} 15+$ L-L2 U US | Beimo | 3.way CCV, SS Trim, 12", Cv 10 with Spring, 35inlb, Onolt, 24V | ${ }^{\text {B315 }}$ +LF24 US | 1 | \$494.00 | 58\% | \$207.48 |
| B315+LF24.3 US | Beimo | 3 3.way CCV, SS Trim, 12", © Cv 10 with Sping, 35inilb, Floaing, 24V | B315+L-24.3 US | 1 | \$602.00 | 58\% | \$252.84 |
| B315+LF24-MFT US | Beimo | 3 -way CCV, SS Tim, ,12\%, Cv 10 with Spring, 35in-lb, MFT, 24V | B315+LE24.MFT US | 1 | \$703.00 | 58\% | \$295.26 |
| B315LLF24MET-S US | Beimo |  | B3154LF24MET-S US | 1 | \$756.00 | 58\% | \$317.52 |
| B3154-L-24-S US | Balimo | 3.way CCV, SS Tim, 1/2", Cv 10 with Sping, 35in-b, Onoti, 24V, SW | B315+LF24-S US | 1 | \$551.00 | 58\% | \$231.42 |
| ${ }^{\text {B315 }}$ L-224-SR US | Belimo |  | ${ }^{\text {B315 }}$ L-F24-SR US | 1 | \$633.00 | 58\% | \$265.86 |
| B315+LF24-SR-S US | Belimo | 3 -way CCV, SS Tim, 12 ", Cv 10 with Spring, 35in-lb, 2-10V, 24V, SW | B315+L-24-SR.S US | 1 | \$691.00 | 58\% | \$290.22 |
| B3154 $\mathrm{LRB120.3}$ | Belimo |  | B315+LRB120.3 | 1 | \$369.00 | 58\% | \$154.98 |
| B315+LRB120.SR | Beimo | 3.way CCV, SS Tim, 12,", Cv 10 with Non-Sping Return,45 inlb, 2-10 voc, 120 V | B315+LRB120.SR | 1 | \$484.00 | 58\% | \$203.28 |
| 8315+LR824.3 | Balimo |  | B315+LR824.3 | 1 | \$338.00 | 58\% | \$141.96 |
| B315+LR824.3.S | Balimo |  | B315+LR824.3.S | 1 | \$393.00 | 58\% | \$165.06 |
| B315+LRB24-3.T | Baimo |  | B315+LRB24-3.T | 1 | \$321.00 | 58\% | \$134.82 |
| B315+LR824MFT | Baimo |  | B315+LR824MFT | 1 | \$564.00 | 58\% | \$236.88 |
| B315+LR824.SR | Baimo |  | B315+LRB24-SR | 1 | \$449.00 | 58\% | \$188.58 |
| B315+LRB24-SR-T | Belimo |  | B315+LR244SR-T | 1 | \$435.00 | 58\% | \$182.70 |
| B315+LCCB243 | Belimo |  | B315+LRCB243 | 1 | \$364.00 | 58\% | \$152.88 |
| B315+LRa824-1 | Baimo |  | B315+LR8824-1 | 1 | \$676.00 | 58\% | \$283.92 |
| ${ }^{\text {B315+LRob24-MFT }}$ | Belimo | 3 .way CCV, SS Tim, 12 ", Cv 10 with Non-Spring Reuur,35 in.lb, MFF,,24V | B315+LROB24-MFT | 1 | \$718.00 | 58\% | \$301.56 |
| B315+LRax24.1 | Belimo | 3 3.way CCV, SS Tim, 112", Cv 10 with on-Sping Reumm,45 in-lb, OnJoft,24V | B315+LROX24-1 | 1 | \$676.00 | 58\% | \$283.92 |
| ${ }^{\text {B315+LRax24-MFT }}$ | Belimo |  | B315tLROX24MET | 1 | \$718.00 | 58\% | \$301.56 |
| ${ }^{\text {B315 }}$ +LPX $120 \cdot 3$ | Belimo |  | B315+LRX120.3 | 1 | \$369.00 | 58\% | \$154.98 |
| ${ }^{\text {B315 } 5 \text { LLx } 120 . S R}$ | Balimo |  | B315+LRX120.SR | 1 | \$484.00 | 58\% | \$203.28 |
| B315+LRX24.3 | Balimo |  | ${ }^{\text {B315+LRK24.3 }}$ | 1 | \$338.00 | 58\% | \$141.96 |
| B315+LR×243.s | Beimo |  | B315+LRX24.3.S | 1 | \$393.00 | 58\% | \$165.06 |
| в315+LRX24.3.T | Beimo | 3 -way CCV, SS Trim, 12"; Cr, 10 with Spring Relum,45 in-m, Onoturfloaing,24V | B315+LRX24.4.T | 1 | \$321.00 | 58\% | \$134.82 |
| ${ }^{\text {B315 LLRX24MFT }}$ | Baimo |  | ${ }^{\text {B315 }}$ +LRX24-M-T | 1 | \$564.00 | 58\% | \$236.88 |
| B315+LRX24.MFT95 | Beimo |  | B315+LRX24M-T99 | 1 | \$665.00 | 58\% | \$279.30 |
| B3154LRX24.PC | Belimo |  | B315+LRX24.PC | 1 | \$665.00 | 58\% | \$279.30 |
| ${ }^{\text {B315+LRX24.SR }}$ | Balimo |  | ${ }^{\text {B3154LLRX24.SR }}$ | 1 | \$449.00 | 58\% | \$188.58 |
| ${ }^{\text {B315 }}$ LRX24-SR-T | Belimo |  | B315 LLRX24.SR-T | 1 | \$435.00 | 58\% | \$182.70 |
| B315-NB824-3. N 4 | Belimo |  | B315-NB824-3. N 4 | 1 | \$595.00 | 58\% | \$249.90 |
| B315+NB8243.T NaH | Balimo |  | B315+NRB24.3.- N4H | 1 | \$953.00 | 58\% | \$400.26 |
| B315+NRB24.SR-TN4 | Beimo |  | B315+NRB24-SR-TN4 | , | \$711.00 | 58\% | \$298.62 |
| B315-NBE24-SRRTMAH | Belimo |  | B315-NBB24-SR-T N4H | 1 | \$1,069.00 | 58\% | \$448.98 |
|  | Baimo | 3 -way CCV, SS Tim, 12 ", Cv 10 with Non-Sping Reumm,70 in.lb, MFT, ,24V |  | 1 | \$838.00 | 58\% | \$351.96 |
| B315-NRX24-MFT-TN4H | Belimo |  | B315-NRX24-MFT-T N4H | 1 | \$1,196.00 | 58\% | \$502.32 |
| B315+TFRB120 | Belimo |  | B315 TFREB 120 | 1 | \$486.00 | 58\% | \$204.12 |
| B315+TRRB120-S | Belimo |  | B315+TRRB120.S | 1 | \$543.00 | 58\% | \$228.06 |
| B315+TFRB24 | Balimo |  | B315+TFRB24 | 1 | \$439.00 | 58\% | \$184.38 |
| B315+TFR8243 | Belimo |  | B3154TFR824.3 | 1 | \$502.00 | 58\% | \$210.84 |
| B315+TFRE24.3.S | Belimo |  | ${ }^{\text {B315+TRE224.3.S }}$ | 1 | \$557.00 | 58\% | \$233.94 |
| B3154TFR824-S | Balimo |  | B3154TFR824-S | 1 | \$496.00 | 58\% | \$208.32 |
| ${ }^{\text {B315 }}$ +TRB224-SR | Belimo |  | ${ }^{\text {B315+TRR824-SR }}$ | 1 | \$515.00 | 58\% | \$216.30 |
| B315TTFRB24-SR-S | Belimo | 3 3.way CCV, SS Tim, 112", Cv 10 with Sping Reumn,22 in-lb, 2.-10 VDC, 24 V | B315TTFRB24-SR-S | 1 | \$574.00 | 58\% | \$241.08 |
| B315+TFRX 120 | Belimo |  |  | 1 | \$486.00 | 58\% | \$204.12 |
| B315+TFRX120.S | Belimo |  | B315+TREX120.S | 1 | \$543.00 | 58\% | \$228.06 |
| ${ }^{\text {B3 } 35+7 F R X 24}$ | Belimo |  | ${ }^{\text {B315 }}$ +TFRX24 | 1 | \$439.00 | 58\% | \$184.38 |
| B315+TFPX24.3 | Beimo | 3 -way CCV, SS Tim, 112"; Cv 10 with Spring Reum, 22 in-lb, Onotiffloaing,24V | B3154TFRX24.3 | 1 | \$502.00 | 58\% | \$210.84 |
| ${ }^{\text {B315+TFRX24.3.S }}$ | Balimo | 3 .way CCV, SS Tim, 112", Cv 10 with Spring Reuum,22 in.lb, Onotitforaing, 24V | ${ }^{\text {B315 }}$ +TFRX24.3.S | 1 | \$557.00 | 58\% | \$233.94 |
| ${ }^{\text {B3 } 159+7 F R X 24 M F T}$ | Belimo | 3.way CCV, SS Tim, 112\%, CV 10 with Sping Reumm,22 in-b, MFF, ,24V | ${ }^{\text {B3 } 15+T F R X 24.4 F T}$ | 1 | \$591.00 | 58\% | \$248.22 |
| B3154TFRX24-S | Belimo |  | B3154TFRX24S | 1 | \$496.00 | 58\% | \$208.32 |
| ${ }^{\text {B315TTRK24.SR }}$ | Belimo |  | ${ }^{\text {B315+TRR24-SR }}$ | 1 | \$515.00 | 58\% | \$216.30 |
| B315TTFRX24-SR-S | Belimo |  | B315TTFRX24-SR-S | 1 | \$574.00 | 58\% | \$241.08 |
| ${ }^{\text {B315+TR24.3 US }}$ | Beimo |  | ${ }^{\text {B315+TR24.3 US }}$ | 1 | \$288.00 | 58\% | \$120.96 |
| B315+TR24-3300 US | Belimo |  | B315+TR24.3300 US | 1 | \$307.00 | 58\% | \$128.94 |
| B315+TR24.3500 us | Beimo |  | B315+TR24.3500 Us | 1 | \$332.00 | 58\% | \$139.44 |
| B315-TR243.7 $^{\text {U }}$ | Belimo |  | ${ }^{\text {B315-TR243-T }}$ US | 1 | \$276.00 | 58\% | \$115.92 |
| B315+TT24-SR US | Beimo |  | ${ }^{\text {B315TTR24.SR US }}$ | 1 | \$406.00 | 58\% | \$170.52 |
| B315+TR24.SR3300 Us | Belimo |  | B3159TF24.SR330 US | 1 | \$424.00 | 58\% | \$178.08 |
| B315+TR24.SR/500 Us | Belimo |  | B315+TF24.SR2500 Us | 1 | \$450.00 | 58\% | \$189.00 |
| B3154-TR24-SR-TUS | Beimo |  | B3154TR24.SR.TU U | 1 | \$394.00 | 58\% | \$165.48 |
| B315.029-029 LR824-SR | Belimo |  | B315-029-029+LR824.SR | 1 | \$1,033.00 | 58\% | \$433.86 |
| B315.029.029+LRX24MFT | Beimo | $1 / 2^{\prime \prime} 6$ Way,NPT, chrome plated brass ball. Cvo. 29 and Cvo. 29 with Non-Spring Retur, 45 in-lb | B315.029.029+LRX24.MFT | 1 | \$1,109.00 | 58\% | \$465.78 |
| B315-029-046+LR824.SR | Belmo |  | B315.029.046+LR824.SR | 1 | \$1,033.00 | 58\% | \$433.86 |
| B3150.029.046+LRX24MFT | Beimo |  | B315.029.046+LRX24MFT | 1 | \$1,109.00 | 58\% | \$465.78 |
| B315.029.073 LR824.SR | Belimo |  | ${ }^{\text {B315-029.073+LLB24-SR }}$ | 1 | \$1,033.00 | 58\% | \$433.86 |
| B315.029.073+LRX24MFT | Beimo |  | B315.029.073+LHX24MFT | 1 | \$1,109.00 | 58\% | \$465.78 |
| B315-029-116+LR824.SR | Belimo |  | B315-029-116+LR824.SR | 1 | \$1,033.00 | 58\% | \$433.86 |
| B315-029-116+LRX24MFT | Belimo |  | B315.029-116+LRX24MFT | 1 | \$1,109.00 | 58\% | \$465.78 |
| B315-029-150+LR824.SR | Belimo | $1 / 2^{26} 6$ Way,NPT, Chrome plated brass ball, CVo. 29 and CV1. 50 with Non-Spring Return,45 in-1b , 2-10 | B315.029-150+LR824.SR | 1 | \$1,033.00 | 58\% | \$433.86 |
| B315.029-150+LRX24MFT | Belimo |  | B315.029-150+LRX24.MFT | 1 | \$1,109.00 | 58\% | \$465.78 |
| B315-046-029+LR824-SR | ${ }^{\text {Belmo }}$ |  | ${ }^{\text {B315-046-029+LR824-SR }}$ | 1 | \$1,033.00 | 58\% | \$433.86 |
| B315-046-029+LRX24MFT | Belimo |  | 8315-046-029+LRX24MFT | 1 | \$1,109.00 | 58\% | \$465.78 |

The scope of this contract includes the following
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Hicroprocessor-Controiled HVAC Equipment in a boidng or faciinty. Builing Management Systems and
3. Itegrated Microprecsor-Controled HVAC Equ
 commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, etc.) to communicat.
platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs Showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxia \& fiber optic), wire, condwit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose IT, Telecommumications, Networking Cabling, Fiber Optics (e.g. phone, pbx, digital centrex, digital key systems, television, cable, T-Line, general broadband,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To comunicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

|  |  | Proctuct Desatiplion | Protuct Code | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54 " | Lust Price |  | Nvs |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B315-046-046+LRB24-SR | Belimo |  | ${ }^{\text {B3150.046-046+LRB24-SR }}$ | 1 | \$1,033.00 | 58\% | \$433.86 |
| B315-046-046+LRX24MFT | Balimo |  | B315.046-046 ${ }^{\text {LRX24-MFT }}$ | 1 | \$1,109.00 | 58\% | \$465.78 |
| B315-046-073+LR824.SR | Belimo |  | 8315-046-073+LRB24-SR | 1 | \$1,033.00 | 58\% | \$433.86 |
| B315.046-073+LRX24MFT | Beimo |  | B315.046-73 + $\mathrm{LR} \times 24 . \mathrm{MFT}$ | 1 | \$1,109.00 | 58\% | \$465.78 |
| B315-046-16+LRE24-SR | Beimo | $1 / 2 " 6$ Way,NPT,chrome plated brass ball, CV0. 46 and Cv1. 16 with Non-Spring Return, 45 in-lb, 2-10 VDC, 24 V | B315-046-116+LRB24-SR | 1 | \$1,033.00 | 58\% | \$433.86 |
| B315-06-116+LRX24MFT | Beimo |  | B315-046-116+LRX24-MFT | 1 | \$1,109.00 | 58\% | \$465.78 |
| B315-046-150+LR824-SR | Belimo |  | ${ }^{\text {B315-046-150+LB824-SR }}$ | 1 | \$1,033.00 | 58\% | \$433.86 |
| B315-046-150+LRX24MFT | Belimo |  | B315-046-150+LRX24.MFT | 1 | \$1,109.00 | 58\% | \$465.78 |
| B315.073.029 LR824.SR | Beimo |  | B315-073.029+LRB24.SR | 1 | \$1,033.00 | 58\% | \$433.86 |
| B315.073.029+LRX24MFT | Belimo |  | B315.073.029 LLRX24MFT | 1 | \$1,109.00 | 58\% | \$465.78 |
| B315.073.046+LR824.SR | Beimo | 1/2" 6 Way,NPT,chrome plated brass ball, Cvo. 73 and CV0. 46 with Non-Spring Return, 45 in-lb, 2-10 | B315-073.046+LRB24.SR | 1 | \$1,033.00 | 58\% | \$433.86 |
| B315-073-046+LRX24MFT | Beimo | $1 / 2^{16} 6$ Way,NPT, chrome plated brass ball, CVov.73 and CVo. 46 with Non-SPring Retur, 45 in-1b | B315.073.046+LRX24.MFT | 1 | \$1,109.00 | 58\% | \$465.78 |
| B315.073.073+LR824.SR | Beimo |  | 8315-073.073+LRB24-SR | 1 | \$1,033.00 | 58\% | \$433.86 |
| B315.073.073+LRX24-MFT | Beimo |  | B315.073.073 LRX24.MFT | 1 | \$1,109.00 | 58\% | \$465.78 |
| B315-773-116+LR824-SR | Beimo |  | 8315-073-116+LRB24.SR | 1 | \$1,033.00 | 58\% | \$433.86 |
| B315.073-116+LRX24MFT | Beimo |  | B315.073-116+LRX24.MFT | 1 | \$1,109.00 | 58\% | \$465.78 |
| B315.073.150+LR824.SR | Belimo |  | B315.073-150+LBB24-SR | 1 | \$1,033.00 | 58\% | \$433.86 |
| B315-073-150+LRX24MFT | Belimo |  | B315.073-150+LRX24-MFT | 1 | \$1,109.00 | 58\% | \$465.78 |
| B315-116-299+LR824.SR | Belimo | $1 / 2^{4} 6$ Way,NPT,Chrome plated brass ball.CV1. 16 and CVo. 29 with Non-SPping Return, 45 in-lb, 2-10 | B315-116.029+LB824-SR | 1 | \$1,033.00 | 58\% | \$433.86 |
| B315-116.029+LRX24MFT | Belimo |  | B315-116-299LLRX24MFT | 1 | \$1,109.00 | 58\% | \$465.78 |
| B315-116-046+LR824.SR | Beimo |  | B315-116-046+LRB24.SR | 1 | \$1,033.00 | 58\% | \$433.86 |
| B315-116-046+LRX24MFT | Belimo |  | B315-116-046+LRX24.MFT | 1 | \$1,109.00 | 58\% | \$465.78 |
| B315-116-73 + 1 R824.SR | Beimo |  | B315-116-073+LRB24.SR | 1 | \$1,033.00 | 58\% | \$433.86 |
| B315-116.073+LRX24MFT | Belimo |  | B315-116-073+LRX24MFT | 1 | \$1,109.00 | 58\% | \$465.78 |
| B315-116-116+LR824-SR | Belimo |  | B315-116-116+LR824-SR | 1 | \$1,033.00 | 58\% | \$433.86 |
| B315-116-116+LRX24MFT | Belimo | $1 / 2^{\prime \prime} 6$ Way,NPT, chrome plated brass ball. CV1. 16 and CV1. 16 with Non-Spring Retur, 45 in-1b | B315-116-16+LRX24MFT | 1 | \$1,109.00 | 58\% | \$465.78 |
| B315-116-150+LR824-SR | Belimo |  | B315-116-150+LBB24-SR | 1 | \$1,033.00 | 58\% | \$433.86 |
| B315-116-150+LRX24MFT | Belimo |  | B315-116-150+LRX24-MFT | 1 | \$1,109.00 | 58\% | \$465.78 |
| B315-150-229 LR824-SR | Beimo |  | 8315-150.029+LRB24.SR | 1 | \$1,033.00 | 58\% | \$433.86 |
| B315-150.029+tRX24-MFT | Beimo |  | B315-150.-229 $\mathrm{LR} \times 24 . \mathrm{MFT}$ | 1 | \$1,109.00 | 58\% | \$465.78 |
| B35-150-066+LR824.SR | Belimo |  | 8315-150.046+LRB24-SR | 1 | \$1,033.00 | 58\% | \$433.86 |
| B355-150-046+LRX24MFT | Belimo |  | B315.150-046+LRX24-MFT | 1 | \$1,109.00 | 58\% | \$465.78 |
| B315-150.073+LR824.SR | Beimo | $1 / 2^{4} 6$ Way,NPT,Chrome plated brass ball.CC1. 50 and CVo. 73 with Non-SPping Return, 45 in-lb, 2-10 | B315-150.073+LE824-SR | 1 | \$1,033.00 | 58\% | \$433.66 |
| B315-150.073+LRX24MFT | Belimo |  | B315.150.073+LRX24-MFT | 1 | \$1,109.00 | 58\% | \$465.78 |
| B355-150-16+LRE24-SR | Beimo |  | B315-150-116+LRB24.SR | 1 | \$1,033.00 | 58\% | \$433.86 |
| B315-150-116+LRX24-MFT | Belimo |  | B315-150-116+LRX24MFT | 1 | \$1,109.00 | 58\% | \$465.78 |
| B315-150-150+LRB24.SR | Beimo |  | B315-150-150+LRB24.SR | 1 | \$1,033.00 | 58\% | \$433.86 |
| B315-150-150+LRX24MFT | Beimo |  | B35-150-150+LRX24-MFT | 1 | \$1,109.00 | 58\% | \$465.78 |
| ${ }^{\text {B31 }} 15+$ +L120 US | Belimo | 3.way CCVV, Brass Tim, 12 r', Cr 10 with Sping, 35inlb, Onotit, 120V | ${ }^{\text {B3/54 }}$ LFF120 US | 1 | \$502.00 | 58\% | \$210.84 |
| ${ }^{\text {B3 }} 158+$ LFIT12-S ${ }^{\text {US }}$ | Belimo | ${ }^{3}$.way CCV, Brass Tim, $12^{2}$ \% Cr 10 with Spring, 35in-lb, Onoff, $120 \mathrm{~V}, \mathrm{Sw}$ | ${ }^{\text {B3 } 35 B+L F I 20 . S ~ U S ~}$ | 1 | \$560.00 | 58\% | \$235.20 |
| B3155+L-24 US | Belimo | ${ }^{3}$.way CCV, Brass Tim, 12 ', CV 10 with Spring, 35in-lb, Onolt, 24 V | ${ }^{\text {B3 }} 158 \mathrm{~L}+$ L2 24 US | 1 | \$477.00 | 58\% | \$200.34 |
| ${ }^{\text {B315B+LI2 } 24.3 \text { Us }}$ | Belimo | 3. way CCV, Brass Trim, 12", CV 10 with Sping, 35in-lb, Floaing, 24 V | ${ }^{\text {B3155+tF24.3 US }}$ | 1 | \$584.00 | 58\% | \$245.28 |
| B315B+LF24-S US B315B+LF24-SR US | $\begin{aligned} & \text { Bimpo } \\ & \text { Belino } \end{aligned}$ | 3-way CCV, Brass Trim, 1/2", Cv 10 with Spring, $35 \mathrm{in}-\mathrm{lb}, \mathrm{On} / \mathrm{Off}, 24 \mathrm{~V}, \mathrm{SW}$ 3 -way CCV, Brass Trim, 1/2", Cv 10 with Spring, $35 \mathrm{in}-\mathrm{lb}, 2-10 \mathrm{~V}, 24 \mathrm{~V}$ | B315B+LF24-S US B315B+LF24-SR US | $\begin{aligned} & 1 \\ & 1 \end{aligned}$ | $\begin{aligned} & \$ 530.00 \\ & \$ 604.00 \end{aligned}$ | $58 \%$ $58 \%$ | $\begin{aligned} & \$ 222.60 \\ & \$ 25.68 \end{aligned}$ |
| B3158 + LF24.SR.S US | ${ }^{\text {Belimo }}$ | 3 -way CCV, Brass Tim, 12", Cv 10 with Spring, 35inib, 2.-10V, 24V, sw | B3158 + LF24.SR.S US | 1 | \$652.00 | 58\% | \$273.84 |
| B315+ + LRB120:3 | Beimo |  | B315++LBB120.3 | 1 | \$336.00 | 58\% | \$141.12 |
|  | Belimo |  |  | 1 | \$451.00 | 58\% | \$189.42 |
| B3155+LRB24-3 | Beimo |  | B3158 + LR24-3 | 1 | \$297.00 | 58\% | \$124.74 |
| B315B+LRB24-3.S | Belimo |  | B3158+LR824.3.S | 1 | \$357.00 | 58\% | \$149.94 |
| B315B+LRB24-3.T | Belimo |  | B3158+LRB24-3.T | 1 | \$285.00 | 58\% | \$119.70 |
| в3156+LRB24.SR | Beimo | 3 -way ccv, Brass Trim, 112; crv 10 with Non-Sping Reutr,45 in-lb, 2-10 voc, 24V | B315B+LB824.SR | 1 | \$416.00 | 58\% | \$174.72 |
| B3158+LR824-SR.T | Beimo |  | B3158+LR824-SR-T | 1 | \$404.00 | 58\% | \$169.68 |
| ${ }^{\text {B3 } 158+\text { +FRBB } 120}$ | Belimo |  | B3158 + TFRB 120 | 1 | \$463.00 | 58\% | \$194.46 |
| B3158+TFRB120.S | Belimo |  | B3158+TFRB120-S | 1 | \$515.00 | 58\% | \$216.30 |
| ${ }^{\text {B3155 }}$ +TRR824 | Belimo | 3 3.way CCV, Brass Tim, 1/2\%, CV 10 with Sping Reumm,22 in.lb, Onotit, 24V | B3155+TRR824 | 1 | \$414.00 | 58\% | \$173.88 |
| B3154+TFRB24-3 | Belimo | 3 3.way CcV, Brass Tim, 12\%; Cv 10 with Spring Reutr, 22 in-lb, Onotht Floaing,24V | B3154+TFRB24-3 | 1 | \$479.00 | 58\% | \$201.18 |
| ${ }^{\text {B3/58 }+ \text { TFRB24.3. }}$ S | Beimo |  | в3158+TRR824.3.S | 1 | \$535.00 | 58\% | \$224.70 |
| ${ }^{\text {B3154 }}$ +FRR824-S | Beimo |  | ${ }^{\text {B3154+TFRB24-S }}$ | 1 | \$473.00 | 58\% | \$198.66 |
|  | Belimo Beimo |  | ${ }^{\text {B3 } 158+\text { TFRB2 } 2 \text {-SR }}$ | 1 | \$500.00 | 58\% | \$210.00 |
| B3158 + TFRB24-SR-S | Belimo | 3 3.way CcV, Brass Tim, 12\%; Cv 10 with Sping Reumm,22 in-lb, 2-10 voc, 24V | B315B + TFRB24.SR.S | 1 | \$560.00 | 58\% | \$235.20 |
| ${ }^{\text {B3158+TR24.3 US }}$ | Belimo |  | ${ }^{\text {B3154+TR24.3 US }}$ | 1 | \$248.00 | 58\% | \$104.16 |
| ${ }^{\text {B3154+TR24.3300 US }}$ | Belimo |  | B3158+TR2433300 US | 1 | \$264.00 | 58\% | \$110.88 |
| ${ }^{\text {B3154+TR24.3500 Us }}$ | Belimo |  | ${ }^{\text {B315S }+ \text { TR24-3500 US }}$ | 1 | \$284.00 | 58\% | \$19.28 |
| B3158+TR24.3.TUS | Belimo |  | B3158+TR24.3.7U | 1 | \$234.00 | 58\% | \$98.28 |
| B3158+TR24-SR US | Belimo |  | B3158+TR24-SR US | 1 | \$362.00 | 58\% | \$152.04 |
| ${ }^{\text {B3158+TR24-SR300 Us }}$ | Belimo |  | ${ }^{\text {B3158 }}$ +TR24-SRR300 Us | 1 | \$382.00 | 58\% | \$160.44 |
| ${ }^{\text {B3158+TR24-SRF50 Us }}$ | Belimo |  | ${ }^{\text {B3158 }}$ +TR24.SRR500 Us | 1 | \$402.00 | 58\% | \$168.84 |
| ${ }^{\text {B3154-TR24.SRRTT US }}$ | Beimo |  | ${ }^{\text {B315S+TR24-SR.TUS }}$ | 1 | \$350.00 | 58\% | \$147.00 |
| ${ }^{\text {B3164+LF24 US }}$ | Belimo | 3.way CCV, SS Tim, /12", Cv1 16 with Spring, 35in-lb, Onolt, 24 V | ${ }^{\text {B316+LLE24 US }}$ | , | \$496.00 | 58\% | \$208.32 |
| B316+LF24.3 US | Belimo | 3 -way CCV, SS Tim, 122", Cv 16 with Sping, 35inib, Floaitg, 24V | B316+LF24.3 US | 1 | \$604.00 | 58\% | \$253.68 |
|  | Belimo | 3.way CCV, SS Trim, 112", Cr 16 with Sping, 35in-lb, Floaing, 24v, SW | ${ }^{\text {B316 }+ \text { LF24-3.s Us }}$ | , | \$661.00 | 58\% | \$277.62 |
| B316+LE24MFT US | Beimo |  |  | 1 | \$705.00 | 58\% | \$296.10 |
| B316+LF24MFT-S US | Beimo |  |  | 1 | \$762.00 | 58\% | \$320.04 |
| B316+LF24.S US | Belimo | 3.way CCV, SS Tim, 12", Cv 16 with Sping, 35inlb, Onotit, 24 V , SW | B316+L-24-S US | , | \$553.00 | 58\% | \$232.26 |
| ${ }^{\text {B316 }}+$ L-24.SR Us | Beimo |  | ${ }^{\text {B316 +LF24-SR US }}$ | 1 | \$635.00 | 58\% | \$266.70 |
| B316+LF24-SR.S US | Beimo |  | B316+LE24.SR.S U | , | \$692.00 | 58\% | \$290.64 |
| в316+ + LB224 3 | Belimo |  | ${ }^{\text {B316 }}+$ LRB24-3 | 1 | \$340.00 | 58\% | \$142.80 |
| B316+LR824.3.T | Beimo |  | B316+LR8243-T | 1 | \$323.00 | 58\% | \$135.66 |
| ${ }^{\text {B316+LRB24.SR }}$ | Belimo |  | B316+LRB24.SR | 1 | \$451.00 | 58\% | \$189.42 |
| B316+LRB2-SR-T | Belimo |  | ${ }^{\text {B316 LLRE24-SR-T }}$ | , | \$437.00 | 58\% | \$183.54 |
| B316+LRX24.3 | Belimo |  | B316+LRX24.3 | , | \$340.00 | 58\% | \$142.80 |
|  | ${ }^{\text {Belimo }}$ |  | ${ }^{\text {B316 }}$ +LRX24.4-T | 1 | \$566.00 | 58\% | \$237.72 |
| B316+LRX24-SR |  |  |  |  | \$451.00 | 58\% | \$189.42 |

The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated icroprocessor-Controiled HVAC Equipment in a building or faciinty. Building Management Systems and Building Contro Systems are also subcategoines of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Eqipment such as Chillers, Rooftop Units, Boilers, Air Handers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mouted IVC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and , commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor
Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, etc.) to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated platforms/systems.
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

Integrated Microprocessor-Based HVAC Equipment;

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he

Factory Installed/Factory-Provided micro-processor--controlled included/controte I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose 1 , Yelecomminications, Networking Cabing,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To comunicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Mosel Nomber |  | Prostct Dosatiplion | duect Code | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54" | Lst Picee | \% Discoumt | Nvs Nel Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B316+TFRB120 | Belimo |  | B316+TFRB120 | 1 | \$488.00 | 58\% | \$204.96 |
| B316+TRRB120-S | Belimo |  | B316+TRRB120.S | 1 | \$545.00 | 58\% | \$228.90 |
| B316+TFRB24 $^{\text {a }}$ | Belimo |  | B316+TFRB24 | 1 | \$441.00 | 58\% | \$185.22 |
| B316+TFR824-3 | Balimo | 3 -way CCV, SS Trim, 12", Cv 16 with Spring Reutr,22 in-b, Onotutfoaing,24V | B3646TRR2443 | 1 | \$504.00 | 58\% | \$211.68 |
| B316+TFR824-3.S | Balimo |  | ${ }^{\text {B316+TFR824-3-S }}$ | 1 | \$559.00 | 58\% | \$234.78 |
| B316+TFRB24. | Belimo |  | B316+TFR824.S | 1 | \$498.00 | 58\% | \$209.16 |
| ${ }^{\text {B316+TRB824-SR }}$ | Belimo |  | ${ }^{\text {B316+TFR824.SR }}$ | , | \$517.00 | 58\% | \$217.14 |
| B316+TFRB24SRRS | Belimo |  | ${ }^{\text {B31646TFRB24-SR.S }}$ | 1 | \$576.00 | 58\% | \$241.92 |
| B316+TFRX 120 | Belimo |  | B316+TFRX120 | 1 | \$488.00 | 58\% | \$204.96 |
| B316+TRRX120.S | Balimo | 3 3.way CCV, SS Trim, 12", Cr 16 with Sping Reuur,22 in-lb, Onoft, 100 to 240 V | B316+TPRX120.S | 1 | \$545.00 | 58\% | \$228.90 |
| B316+TFRX24 | Balimo |  |  | 1 | \$441.00 | 58\% | \$185.22 |
| B316+TFPX243 | Balimo |  | B316+TFRX243 | , | \$504.00 | 58\% | \$211.68 |
|  | Beimo |  | ${ }^{\text {B316 }}$ +7FRX24.3.S | 1 | \$559.00 | 58\% | \$234.78 |
| ${ }^{\text {B3 } 36+T F R X 24 M F T ~}$ | Belimo | 3.way CCV, SS Tim, 112", Cv 16 with Sping Reumm,22 in-b, MMF, ,24V | ${ }^{\text {B316 }}$ +TFRX24-4FT | 1 | \$593.00 | 58\% | \$249.06 |
| B316+TFRX24S | Belimo | 3.way CCV, SS Tim, 12\%", Cv 16 with Sping Reumm,22 in-lb, Onolit,24V | B316+TFRX24.S | 1 | \$498.00 | 58\% | \$209.16 |
| ${ }^{\text {B316+TFR24-SR }}$ | Belimo |  | ${ }^{\text {B316T-TFR24.SR }}$ | 1 | \$517.00 | 58\% | \$217.14 |
| B316+TFRX24SR.S | Belimo |  | B316+TFRX24-SR-S | 1 | \$576.00 | 58\% | \$241.92 |
| B316B+LF24US | Balimo | 3 -way CcV, Erass Timm, 1/2", Cv 16 with Spring, 35in-lb, Onolft, 24 V | B368 LL 224 US | 1 | \$479.00 | 58\% | \$201.18 |
| B316B+LF24.3 US | Balimo | 3 .way CCV, Brass Tim, 12", Cv 16 with Spring, 35in-l, Floaing, $24 V$ | B3168+LF24.3 US | 1 | \$586.00 | 58\% | \$246.12 |
| ${ }^{\text {B3168+LF24.3.S US }}$ | Balimo |  | B368B+LF24.3.S US | 1 | \$643.00 | 58\% | \$270.06 |
| ${ }^{\text {B3164+LF24-S US }}$ | Belimo | 3.way COV, Brass Timm, 127", Cv 16 with Spoing, 35inlb, Onotit, 24V, SW | ${ }^{\text {B316B+LF24-S US }}$ | 1 | \$536.00 | 58\% | \$225.12 |
| ${ }^{\text {B3 }} 168+$ L-24.SR US | Belimo | 3.way CCV, Brass Timm, 12", Cv 16 with Sping, 35in-b, 2-10V, 24V | ${ }_{\text {B3 }} 168+$ LF24.SR US | 1 | \$606.00 | 58\% | \$254.52 |
| B316B+LF24-SR.S US | Belimo |  | B3168+L-24-SR-S US | 1 | \$663.00 | 58\% | \$278.46 |
| B3168 + LR824 ${ }^{\text {a }}$ | Balimo |  | B3168 + LR824 3 | 1 | \$299.00 | 58\% | \$125.58 |
| ${ }^{\text {B316B+LRB24.3.T }}$ | Belimo |  | ${ }^{\text {B316B+LRB24.3.T }}$ | 1 | \$287.00 | 58\% | \$120.54 |
| B3168+LR824-SR | Beimo |  | B316B+LR824-SR | 1 | \$418.00 | 58\% | \$175.56 |
| ${ }^{\text {B3168 }}$ +LR824-SR-T | Beimo |  | ${ }^{\text {B3168+LR824SR-T }}$ | 1 | \$406.00 | 58\% | \$170.52 |
| B3168 + TFRB120 | Beimo | 3.way CCV, SS Tim, 1/2", CV 16 with Sping Reuum,22 in-lb, Onoti, 100 to 240 V | B3168 + TFRB120 | 1 | \$465.00 | 58\% | \$195.30 |
| B3168+TFRB120-S | Belimo |  | B3168+TFRB120.S | 1 | \$517.00 | 58\% | \$217.14 |
| B3168+TFR824 | Beimo |  | B3168+TR822 | 1 | \$416.00 | 58\% | \$174.72 |
| B3168+TFRB243 | Beimo | 3 .way CcV, Brass Tim, 12\%, Cuv 16 with Spring Reumm,22 in-lb, Onotitifloaing,24V | B3168+TFRB24-3 | 1 | \$481.00 | 58\% | \$202.02 |
|  | Beimo |  | ${ }_{\text {B3168+TRE824.3.S }}$ | 1 | \$537.00 | 58\% | \$225.54 |
| ${ }^{\text {B3164+TFR824-S }}$ | Beimo | 3.way CCV, Brass Tim, 112", Cv 16 with Sping Reuun,22 in-lb, Onotit, 24V | ${ }^{\text {B316B+TFFB24-S }}$ | 1 | \$475.00 | 58\% | \$199.50 |
| ${ }^{\text {B316B+TFRB24-SR }}$ | Beimo |  | B3168+TFRB24-SR | 1 | \$502.00 | 58\% | \$210.84 |
| B3168+TFRB24SR-S | Belimo | 3.way CcV, Brass Tim, 12", Cv 16 with Sping Reeurn,22 in-lb, 2-10 voc, 24V | B3168 + TFRB24-SR-S | 1 | \$560.00 | 58\% | \$235.20 |
| B317+LFF120 U | Beimo | 3 .way CcV, SS Tim, 344 ", Cv 4.7 with Sping, 35in-lb, Onoff, 120V | B317+LF120 US | 1 | \$562.00 | 58\% | \$236.04 |
| ${ }^{\text {B317+LFI20.SUS }}$ | Beimo | 3 -way ccv, SS Tim, 34", Cv4.7 with Sping, 35in-b, Onotit, 120V, Sw | B317+LFI20.S US | 1 | \$617.00 | 58\% | \$259.14 |
| B317+LE24 US | Belimo | 3 -way ccv, SS Tim, 34, Ccu.7 with Sping, 35in-b, Onotit, 24V | B317+LF24 US | 1 | \$523.00 | 58\% | \$219.66 |
| B317+LF24.3 US | Belimo | 3.way CCV, SS Tim, 344, Cv 4.7 with Sping, 35in-lb, Floating, 24V | B317+LF24.3 US | 1 | \$629.00 | 58\% | \$264.18 |
| B317+LE24MFT US | Beimo |  | B317+LE24MFTT US | 1 | \$718.00 | 58\% | \$301.56 |
| B3174-LF24MFT.SUS | Beimo |  | B317-LLF24MFT-S US | 1 | \$777.00 | 58\% | \$326.34 |
| B317+LF24.S US | Belimo |  | B317+LF24.S US | 1 | \$582.00 | 58\% | \$244.44 |
| B317-LLF24-SR Us | Belimo |  | B317-LF24SR US | 1 | \$650.00 | 58\% | \$273.00 |
| B3174-L-24-SR-S US | Beimo | 3.way CCV, SS Tim, $344^{\prime \prime}$, Cv.7.7 with Spring, 35in-lb, 2-10V, 24 V , Sw | B317+L-24-SR-S U | 1 | \$709.00 | 58\% | \$297.78 |
| в3174 $\mathrm{LRB120.3}$ | Belimo |  | B317+LRB120.3 | 1 | \$426.00 | 58\% | \$178.92 |
| B317+LRB120.SR | Beimo |  | B317+LRB120-SR | 1 | \$513.00 | 58\% | \$215.46 |
| ${ }^{\text {B317 } 7 \text { LLB824-3 }}$ | Belimo |  | B317+LRB24.3 | 1 | \$395.00 | 58\% | \$165.90 |
| B317+LR824.3.5 | Belimo |  | B317+LR824.3.S | 1 | \$451.00 | 58\% | \$189.42 |
| B317+LR824-T T | Beimo |  | в317+LR824-T | 1 | \$382.00 | 58\% | \$160.44 |
| B317+LB824Met | Beimo |  | B317+LE824MFT | 1 | \$584.00 | 58\% | \$245.28 |
| B317+LR824.SR | Belimo |  | B317+LR824.SR | 1 | \$482.00 | 58\% | \$202.44 |
| B317+LRB24-SR-T | Beimo |  | B317tLRE24-SR-T | 1 | \$469.00 | 58\% | \$196.98 |
| B317+LRCB243 | Beimo |  | B317+LLCB243 | 1 | \$420.00 | 58\% | \$176.40 |
| B317+LRab24-1 | Belimo | 3 -way CcV, SS Tim, 34, Cov.7 with No.-Spring Reumm,35 in-lb, Onolit.24V | B317+LRa824-1 | 1 | \$697.00 | 58\% | \$292.74 |
| B317+LROB24-M/T | Beimo |  | B317+LROB24-MलT | 1 | \$739.00 | 58\% | \$310.38 |
| B317+LRax24-1 | Beimo |  | B317+LRax24.1 | 1 | \$697.00 | 58\% | \$292.74 |
| B317-LRax24-MFT | Beimo |  | B317-LRox24-MFT | 1 | \$739.00 | 58\% | \$310.38 |
| B317+LRX120.3 | Belimo |  | B317+LRX120.3 | 1 | \$426.00 | 58\% | \$178.92 |
| ${ }^{\text {B317 }}$ +LRX120.SR | Beimo | 3.way CCV, SS Tim, 344 ", Cv 4.7 with Non-Sping Retur, 45 in-lb, 2-10 Voc, 100 to 240 V | ${ }^{\text {B317 }}$ +LR× 120.58 | 1 | \$513.00 | 58\% | \$215.46 |
| B317+LRX24.3 | Belimo |  | B317+LR224-3 | 1 | \$395.00 | 58\% | \$165.90 |
| в317+LRX243.S | Beimo |  | B317+LRX243.S | 1 | \$451.00 | 58\% | \$189.42 |
| B317+LRX24.3.T | Belimo |  | B317+LRX24.3.T | 1 | \$382.00 | 58\% | \$160.44 |
| B317+LR24.MFT | Belimo | 3.way CCV, SS Tim, 344 ", CV 4.7 with Non.Sping Reuur,45 in-lb, MFT, 24 V | ${ }^{\text {B317 }}$ LLR244.MFT | 1 | \$584.00 | 58\% | \$245.28 |
| B317+LRX24-MFT95 | Belimo |  | B317+LR24-MET95 | 1 | \$686.00 | 58\% | \$288.12 |
| B317+LRX24.PC | Beimo |  | B317+LRX24.PC | 1 | \$686.00 | 58\% | \$288.12 |
| B317+LRX24.SR | Belimo |  | B317+LRX24.SR | 1 | \$482.00 | 58\% | \$202.44 |
| B317+LRX24-SR-T | Beimo |  | B3177LRX24-SR-T | 1 | \$469.00 | 58\% | \$196.98 |
| B317-NB824-3. N 4 | Beimo |  | B317-NRB24-3. $\mathrm{N4}$ | 1 | \$670.00 | 58\% | \$281.40 |
| B317-NBB24.3. NaH | Belimo |  | B317-NR824.3.T NaH | 1 | \$1,028.00 | 58\% | \$431.76 |
| B317+NBB24-SR-TN4 | Beimo |  | B317-NB824.SR-TN4 | 1 | \$752.00 | 58\% | \$315.84 |
| B317+NBB24-SR-T N4H | Beimo |  | B317-NB824SRR-T N4H | 1 | \$1,110.00 | 58\% | \$466.20 |
| B317+NRX24-MET-TN4 | Beimo |  | B317+N/X24-MT-TTN4 | 1 | \$1,039.00 | 58\% | \$436.38 |
| B317-NRK24.MFT-T N N | Beimo |  | B317-NARX24MFT-TN4H | 1 | \$1,397.00 | 58\% | \$586.74 |
| B3177TFRB120 | Baimo |  | в3177 7 FRB120 | 1 | \$519.00 | 58\% | \$217.98 |
| B317+TRRB120-S | Belimo |  | B3174TRRB120.S | 1 | \$578.00 | 58\% | \$242.76 |
| в317+TFRB24 | Baimo |  | в317-TFRB24 | 1 | \$477.00 | 58\% | \$200.34 |
| B317+TFR8243 | Beimo |  | B317+TFRB243 | 1 | \$547.00 | 58\% | \$229.74 |
| B3177TFR824.3.S | Beimo |  | в317+TFR884.3.S | 1 | \$606.00 | 58\% | \$254.52 |
| B317+TFR824-S | Beimo |  | B317+TFR824-S | 1 | \$532.00 | 58\% | \$223.44 |
| B317+TFRB24-SR | Beimo | 3.way CCV, SS Tim, 34 ", Cv.7.7 with Spring Reuum,22 in-Ib, 2.10 voc, 24 V | ${ }^{\text {B317+TFRB24.SR }}$ | 1 | \$555.00 | 58\% | \$233.10 |
| B317TTFR824SR-S | Belimo |  | B317-TFR824-SR-S | 1 | \$610.00 | 58\% | \$256.20 |
| B3177TFRX120 | Baimo |  | B3177TFRX120 | 1 | \$519.00 | 58\% | \$217.98 |
| B317+TRAX120.S | Baimo |  | B317+TREx120.S | 1 | \$578.00 | 58\% | \$242.76 |
| B317+TFRX24 | Beimo |  | B317+TFRX24 | 1 | \$477.00 | 58\% | \$200.34 |
| B317+TFRX24.3 | Beimo |  | B317+TFRX24.3 | 1 | \$547.00 | 58\% | \$229.74 |
| B317+TFPX24.3.S | Beimo |  | B317+TFR24.4.3.S | 1 | \$606.00 | 58\% | \$254.52 |
| в317+TFRX24M-T | ${ }^{\text {Beimo }}$ |  | в317- 7 ¢RX24-MFT | 1 | \$627.00 | 58\% | \$263.34 |
| B3174TFRX24.S | ${ }^{\text {Baimo }}$ |  | B317+TFRX24.S | 1 | \$532.00 | 58\% | \$223.44 |
| ${ }^{\text {B317 }}$ +TFR24.4SR | Beimo |  | ${ }^{\text {B317 }}$ +TRR224.SR | 1 | \$555.00 | 58\% | \$233.10 |
| B3174TFRX24SR.S | Beimo |  | B317-TFRX24-SR-S | 1 | \$610.00 | 58\% | \$256.20 |
| B317+TR24.3 US | Belimo |  | B317+TR24-3 US | 1 | \$342.00 | 58\% | \$143.64 |
| B317+TR24.3300 US | Beimo |  | B3177+TR24.3300 Us | 1 | \$358.00 | 58\% | \$150.36 |
| B317+TR24.3500 US | Beimo |  | B317+TR24.3500 US | 1 | \$382.00 | 58\% | \$160.44 |
| ${ }^{\text {B317-TR243-T U }}$ | Beimo |  | ${ }^{\text {B317-TR243.7. }}$ Us | 1 | \$330.00 | 58\% | \$138.60 |
| ${ }^{\text {B3174TR24-SR Us }}$ | Baimo |  | B317+TR24.SR US | 1 | \$456.00 | 58\% | \$191.52 |
| ${ }^{\text {B317 }}$ +TR24-SR300 US | ${ }^{\text {Beimo }}$ |  | B317+TR24-S8300 Us | 1 | \$472.00 | 58\% | \$198.24 |
| ${ }^{\text {B317 }}$ +TR24-SR2500 Us | Beimo |  | B317+TR24-S8R500 Us | 1 | \$492.00 | 58\% | \$200.64 |
| B317+TR24-SR-TUS | Beimo |  | B317+TR24-SRRTUS | 1 | \$441.00 | 58\% | \$185.22 |
| ${ }^{\text {B3178PLEF120 US }}$ | Beimo |  | ${ }^{\text {B3178+LFF } 120 ~ U S ~}$ | 1 | \$532.00 | 58\% | \$223.44 |

The scope of this contract includes the following
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. . BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Hicroprocessor-Controiled HVAC Equipment in a building or faciinty. Building Management Systems and Building Contro Systems are also subcategries of Building Automation Systems.
. Integrated Microprocessor-Controlled HVAC Eqpuent such as Chillers, Rooftop Units, Boilers, Air Handers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mouted IVC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and , commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
Integrated BAS/EMS/IItegrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pane ( AAP ), and/or other similar device, which uiiize certain proochs (e.g. BACNe, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he

Factory Installed/Factory-Provided micro-processor--controlled included/contemote I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose I, Telecommications, Networking Cabing,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communcate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following
Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated
Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems. icroprocessor-Controlied HVAC Equipment in a building or faciinty. Building Management Systems and Buiding Contron Systems are aso subcategories of Building Automation Systems
3. Integrated Microprocessor-Controlled HVAC Equpents Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Monted IVAC Equipment.

Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and , commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
Integrated BAS/EMS/IItegrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utiiize certain protocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

It Itegrated Microprocessor-Based HVAC Equipment;

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs howers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he

Factory Installed/Factory-Provided micro-processor--controlled included/controt
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxia \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose IT, Telecommumications, Networking Cabling, Fiber Optics (e.g. phone, pbx, digital centrex, digital key systems, television, cable, T-Line, general broadband,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To comunicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Mosel Iomber |  | Prostrct Desariplion | de | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54 " | List Picee |  | Nvs |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B3188+L-24.SR US | Belimo | 3.wey CCV, Brass Timm, 34\%; Crv.4 with Sping, 35in-l, , 2-10V, 24V | B3188+L-24.SR US | 1 | \$640.00 | 58\% | \$268.80 |
| B3188-LF24-SR-S US | Beimo | 3.way CCV, Brass Timm, 34", Cv7.4.4 wit Sping, 35in-b, 2-10V, 24V, SW | B3188 + L24-SRRS US | 1 | \$691.00 | 58\% | \$290.22 |
| в3188+LRB120.3 | Belimo |  | B3188+LRB120:3 | 1 | \$357.00 | 58\% | \$149.94 |
| B3188+LRE120-SR | Belimo |  | B3188+LRB120-SR | 1 | \$475.00 | 58\% | \$199.50 |
| B3188+LRB24.3 | Belimo |  | B3188+LRB24.3 | 1 | \$321.00 | 58\% | \$134.82 |
| B3188+LR824.3.S $^{\text {S }}$ | Beimo |  | B3188+LR8243.S $^{\text {S }}$ | 1 | \$378.00 | 58\% | \$158.76 |
| ${ }^{\text {B318B+LPB24.3.T }}$ | Beimo |  | ${ }^{\text {B318B+LRB243-T }}$ T | 1 | \$308.00 | 58\% | \$129.36 |
| B3188+LRB24.SR | Beimo |  | ${ }^{\text {B318B+LLB824.SR }}$ | 1 | \$439.00 | 58\% | \$184.38 |
| B3188+LR824-SR-T | Belimo | 3-way CcV, Brass Tim, 344, Cv7.4 with Non-Sping Retur,45 in-lb, 2-10 voc,24V | B3188+LR824SR-T | 1 | \$424.00 | 58\% | \$178.08 |
| B3188 + TFRB120 | Beimo | 3.way CcV, Brass Tim, 344", Cv7.4 with Sping Retum,22 intb, Onvofit, 10 oto 240 V | B3188+TFRB120 | 1 | \$494.00 | 58\% | \$207.48 |
| в3188+TFRB120.S | Beimo |  | B3188+TFRB120.S | 1 | \$551.00 | 58\% | \$231.42 |
| B3188+TFR824 | Belimo |  | B3388+TFR824 | 1 | \$499.00 | 58\% | \$188.58 |
| B3188+TFRB24-3 | Belimo |  | B3188+TFRB24-3 | 1 | \$515.00 | 58\% | \$216.30 |
| в3188+TFRB24.3.S | Belimo |  | в3188+TFRB243.S | 1 | \$574.00 | 58\% | \$241.08 |
| B3188+TFRB24S | Belimo |  | B3188+TFRB24-S | 1 | \$504.00 | 58\% | \$211.68 |
| B3188+TFRB24-SR | Beimo | 3.wey CCV, Brass Tim, 344", CV7.4.4 with Sping Reumm,22 in-lb, 2-10 Voc,24V | ${ }_{\text {B3 }} 188+$ +FRB24-SR | 1 | \$537.00 | 58\% | \$225.54 |
| B3188 + TFRB24-SR-S | Belimo | 3-way CCV, Erass Tim, 34", CV7.4 with Spring Reuur,22 in-lb, 2-10 voc,24V | B3188 + TFRB24-SR-S | 1 | \$593.00 | 58\% | \$249.06 |
| в3188+TR24.3 US | Beimo |  | ${ }^{\text {B3188+TR24.3 US }}$ | 1 | \$302.00 | 58\% | \$126.84 |
| B3188+TR24-3300 US | Belimo |  | B3188+TR24.3300 US | 1 | \$322.00 | 58\% | \$135.24 |
| ${ }^{\text {B3188+TR24.3500 Us }}$ | Belimo |  | B3188+TR24.3500 US | 1 | \$344.00 | 58\% | \$144.48 |
| B3188+TR24.-TUS | Belimo |  | B3188+TR24.3.TU | 1 | \$288.00 | 58\% | \$120.96 |
| B3188+TR24.SR US | Belimo | 3.way CcV, Brass Tim, 344, Cv7.4.4 with on-Sping Reeur, 18 in-lb, 2-10 Voc, 24V | ${ }^{\text {B3188+TR24-SR U }}$ | 1 | \$384.00 | 58\% | \$161.28 |
| 833188+TR24.SR330 US | Belimo |  | ${ }^{\text {B3188+TR24-SR300 US }}$ | 1 | \$400.00 | 58\% | \$168.00 |
| B3188+TR24.SR250 Us | Beimo | 3 .way CCV, Brass Tim, 344, CV7.4.4 with on-Sping Reutr, 18 in-lb, 2-10 Voc, 24V | B3188+TR24-SR550 US | 1 | \$420.00 | 58\% | \$176.40 |
| B3188+TR24SRR-T US | Beimo |  | ${ }^{\text {B3184-TR24.SRRTT U }}$ | 1 | \$368.00 | 58\% | \$154.56 |
| B320+LF120 US | Belimo | 3.way CCV, SS Timm, 34", Cv 14 with Sping, 35in-b, Onnolt, 120V | B320+LF120 US | 1 | \$574.00 | 58\% | \$241.08 |
| ${ }^{\text {B320+LF120-S }}$ US | Beimo | 3.way CCV, SS Tim, 34", Cr 14 with Spring, 35in-b, Onoftr, 120V, SW | ${ }^{\text {B320+LFI20.S }}$ US | 1 | \$629.00 | 58\% | \$264.18 |
| B320+LF24US | Beimo |  | B320+LF24 US | 1 | \$539.00 | 58\% | \$226.38 |
| B320+LF24.3 US | Beimo | 3 -way CCV, SS Tim, 34, Cov 14 with Spring, 35in-lb, Floaito, 24V | B320+LF24.3 US | 1 | \$646.00 | 58\% | \$271.32 |
| B320+LE24MFT US | Belimo | 3 3.wy CCV, SS Trim, 344 \% CV 14 with Spring, 35in-l, MFT, 24 V | B320+LE24MFT US | 1 | \$726.00 | 58\% | \$304.92 |
| B320+LF24MFT-S US | Beimo |  | B320+LF24MFT-S US | 1 | \$785.00 | 58\% | \$329.70 |
| ${ }^{\text {B320+LF24.S US }}$ | Belimo | 3.way CCV, SS Trim, 344 ", CV 14 with Sping, 35inlb, Onloft, 24 V , SW | ${ }^{\text {B320+LF24.S US }}$ | 1 | \$595.00 | 58\% | \$249.90 |
| ${ }^{\text {B320OLF24-SR US }}$ | Belimo | 3.way CCV, SS Timm, 34", CV 14 with Sping, 35inlb, 2-10V, 24 V | ${ }^{\text {B3200tLF24SR US }}$ | 1 | \$625.00 | 58\% | \$262.50 |
| B320+LF24-SR.S us | Beimo |  | B320+LF24-SR.S U | 1 | \$682.00 | 58\% | \$286.44 |
| B320+LRB120.3 | Beimo |  | B320+LRB120.3 | 1 | \$437.00 | 58\% | \$183.54 |
| B320+LRB120.SR | Belimo |  | B320+LRB120.SR | 1 | \$519.00 | 58\% | \$217.98 |
| B320+LE824.3 | Beimo |  | B320+LR824-3 | 1 | \$404.00 | 58\% | \$169.68 |
| B320+LR824.3.S | Belimo |  | B320+LR824.3.S | 1 | \$463.00 | 58\% | \$194.46 |
| B320+LR824.3.T | Beimo |  | B320+LR824.4.T | 1 | \$391.00 | 58\% | \$164.22 |
| B300+LB824MFT | Belimo |  | B320+LB824MFT | 1 | \$589.00 | 58\% | \$247.38 |
| B320+LR824.SR | Belimo |  | B320+LR824SR | 1 | \$488.00 | 58\% | \$204.96 |
| B3200LRB24-SR-T | Belimo | 3.way CCV, SS Tim, 344 , Cv 14 with Non-Spring Reumr,45 in-b, ,2-10 voc, 24 V | B320+LRB24-SR-T | , | \$475.00 | 58\% | \$199.50 |
| B320+LLCB243 | Beimo |  | B320+LLCB24 3 | 1 | \$428.00 | 58\% | \$179.76 |
| B320+LRab24-1 | Belimo | 3.way CCV, SS Tim, 344 " Cov 14 with Non-Spoing Reum, 35 inlib, Onotit,24V | B320+LROB24.1 | 1 | \$701.00 | 58\% | \$294.42 |
| B320+LRob24-MFT | Belimo | 3.way CCV, SS Tim, 344 \% Cv 14 with Non-Spring Reeurn,35 in-b, M, MF, ,24V | B320+LRab24.MFT | 1 | \$744.00 | 58\% | \$312.48 |
| B320+LRax24,1 | Belimo |  | B320+LRax24.1 | 1 | \$701.00 | 58\% | \$294.42 |
| B320+LRax24MFT | Beimo |  | B320+LRax 24 -MFT $^{\text {a }}$ | 1 | \$744.00 | 58\% | \$312.48 |
| B320+LRX120.3 | Belimo | 3.way CCV, SS T Tim, 34", Cr 14 with Non-Sping Retur,45 in-lb, Onotiffiroaing, 120V | B320+LRX $\times 120.3$ | 1 | \$437.00 | 58\% | \$183.54 |
| B320+LRX120.SR | Beimo |  | B320+LR×120.SR | 1 | \$519.00 | 58\% | \$217.98 |
|  | Beimo |  | ${ }^{\text {B320 }}$ +RR224-3 | 1 | \$404.00 | 58\% | \$169.68 |
| B320+LR24.3.5 | Beimo |  | B320+LR24.3.5. | 1 | \$463.00 | 58\% | \$194.46 |
| B320+LRx24.3.T. | Beimo |  | B320+LR×243.T | 1 | \$391.00 | 58\% | \$164.22 |
| B300+L×24.4-T | Beimo | 3.way CCV, SS Tim, 344 , CV 14 with Non-Spring Reeum,45 in-l., MFF, ,24V | B320+LRX24.MFT | , | \$589.00 | 58\% | \$247.38 |
| B320+LRX24M-T95 | Beimo |  | B320+LRX24-MF995 | 1 | \$665.00 | 58\% | \$279.30 |
| B320+LLX24.PC | Beimo |  | B320+LRX24PC | 1 | \$665.00 | 58\% | \$279.30 |
| B320+LRX24.SR | Belimo |  | B320+LRX24SR | 1 | \$488.00 | 58\% | \$204.96 |
| B320+LRX24-SR-T | Beimo | 3 -way CCV, SS TTim, 344 ", Cr 14 with Non-Sping Reumm,45 in-lb, 2.10 voc, 24 V | B320+LRX24-SR-T | , | \$475.00 | 58\% | \$199.50 |
| B320+NRB24.3.7 N4 | Belimo |  | B320+NRB24.3T N4 | 1 | \$676.00 | 58\% | \$283.92 |
| B320+NRB24.3.TNAH | Beimo |  | B320+NB824.3.TNAH | 1 | \$1,034.00 | 58\% | \$434.28 |
| B320+NB824-SR-TN4 | Belimo |  | B320+NB624-SR-TN4 | 1 | \$758.00 | 58\% | \$318.36 |
| B320+NB824-SR-TNAH | Belimo |  | B320+NE824-SR-T N N | , | \$1,116.00 | 58\% | \$468.72 |
| B320+NRX24MFT-TN4 | Belimo | 3.way CCV, SS Tim, 344 , Cv 14 with Non-Sping Reeum,70 in-b, M, MF, ,24V | B320+NXX24.Mft-Tn4 | 1 | \$1,045.00 | 58\% | \$438.90 |
| B320+NRX2.MFT-TN4H | Belimo |  | B320+NXX24.MTT. NaH | 1 | \$1,403.00 | 58\% | \$589.26 |
| B320.073.073+LR824.SR | Belimo | $34^{4} 6$ Way,NPT, chrome plated brass ball, Cvo.73 and $\mathrm{VDC}, 24 \mathrm{~V} 0.73$ with Non-Spring Return, 45 in-lb , 2-10 | B320-073.073+LR824.SR | 1 | \$1,257.00 | 58\% | \$527.94 |
| B320.073.073+LR 24 MFT | Belimo | $3 / 4^{\circ} 6$ Way, NPT, chrome plated brass ball. CV0. 77 and and CV0. 73 with Non-SSpring Return, 45 in-tb | B320.073.073+LR×24MFT | 1 | \$1,345.00 | 58\% | \$564.90 |
| B322-116.073+LR824-SR | Belimo | $34^{6} 6$ Way,NPT, chrome plated brass ball, Cv1.16 and Cv0.73 with Non-Spring Return,45 in-lb, 2-10 | B320-116-073+LR824-SR | 1 | \$1,257.00 | 58\% | \$527.94 |
| B320-116.073+LRX24MFT | Belimo |  | B320-116.073+LAX24-MFT | 1 | \$1,345.00 | 58\% | \$564.90 |
| B320-116-116+LR824.SR | Beimo |  | B320-116-116+LR824.SR | 1 | \$1,257.00 | 58\% | \$527.94 |
| B320-116-116+LRX24MFT | Belimo |  | B320-116-116+LR×24MFT | 1 | \$1,345.00 | 58\% | \$564.90 |
| B320-186-073+LR824.SR | Belimo |  | B320-186-073 + LR824.SR | 1 | \$1,257.00 | 58\% | \$527.94 |
| B320-186.-73+LRK24MFT | Belimo | $3 / 4^{\prime \prime} 6$ Way,NPT, chrome plated brass ball,Cv1. 86 and Cv0. 73 with Non-Spring Return, 45 in-lb ,MFT, 24 V | B320-186.-73+LR×24-MFT | 1 | \$1,345.00 | 58\% | \$564.90 |
| B320-186-116+LRB24-SR | Belimo | $3 / 4^{4} 6$ Way,NPT, chrome plated brass ball, Cvi. 86 and CV1. 16 with Non-Spring Return,45 in-lb,, $2-10$ | B320-188-116+LR824.SR | 1 | \$1,257.00 | 58\% | \$527.94 |
| B320-186-116+LRX24MFT | Belimo |  | B320-186-116+LAX24-MFT | 1 | \$1,345.00 | 58\% | \$564.90 |
| B322-186-186+LRB24-SR | Belimo |  | B320-188-186+LLR824.SR | 1 | \$1,257.00 | 58\% | \$527.94 |
| B320-186-188+LHX24MFT | Beimo |  | B320-186-188+ ${ }^{\text {HRX24-MFT }}$ | 1 | \$1,345.00 | 58\% | \$564.90 |
| B320-290.073+LR824.SR | Belimo |  | B320-290.073+LR824.SR | 1 | \$1,257.00 | 58\% | \$527.94 |
| B320-290.073+LRX24MFT | Belimo |  | B330-290.073+LRX24MFT | 1 | \$1,345.00 | 58\% | \$564.90 |
| B320-290-116+LR824.SR | Belimo | $3 / 4^{4} 6$ Way,NPT, chrome plated brass ball, Cvi.290 and CV1. 16 with Non-Spring Return,45 in-lb,, $2-10$ | B320-29-116+LRB24.SR | 1 | \$1,257.00 | 58\% | \$527.94 |
| B320-290-116+LRX24MFT | Belimo | $3 / 4^{4} 6$ Way, NPT, chrome plated brass ball.CV2.90 and CV1. 16 with Non-Spring Return,45 in i-lb | B320-290-116+LRX24MFT | 1 | \$1,345.00 | 58\% | \$564.90 |
| B320-290-186+LR824.SR | Belimo | $34^{6} 6$ Way,NPT, chrome plated brass ball, Cv.290 and Cv1. 86 with Non-Spring Return,45 in-lb, 2-10 | B320-290-188 LR L824.SR | 1 | \$1,257.00 | 58\% | \$527.94 |
| B320-290-186+LRX24MFT | Belimo |  | B320-290-186+LRX24MFT | 1 | \$1,345.00 | 58\% | \$564.90 |
| B320-290-290+LR824.SR | Belimo |  | B320-290-200+LR824.SR | 1 | \$1,257.00 | 58\% | \$527.94 |
| B320-290-290+LRX24MFT | Belimo | 3/4" 6 Way,NPT, chrome plated brass ball,Cv2. 90 and Cv2.90 with Non-Spring Return, 45 in-lb ,MFT,24V | B330-290-290+LRX24MFT | 1 | \$1,345.00 | 58\% | \$564.90 |
| ${ }^{\text {B320B+LF } 120 ~ U S ~}$ | Belimo |  | ${ }^{\text {B320BLLF } 120 ~ U S ~}$ | 1 | \$577.00 | 58\% | \$225.54 |
|  | Belimo Beimo |  |  | 1 | \$589.00 | 58\% | \$247.38 |
|  | $\underset{\substack{\text { Belimo } \\ \text { Beimo }}}{ }$ |  |  | 1 | $\$ 517.00$ $\$ 62300$ | 58\% | \$217.14 |
|  |  |  | ${ }^{\text {B320B+LF24, }}$ US | 1 |  |  |  |

The scope of this contract includes the following:
Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Hicroprocessor-Controncd
. Integrated Microprocessor-Controlled HVAC Equput such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mouted HVAC Equipment.
 commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
Integrated BAS/EMS/IItegrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlam Interface Pane (hap), and/or other similiar device, which uilize certain profocis (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
. Factory Installed/Factory-Provided micro-processor--controlled included/controte $/ \mathbf{O}$ modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpore 1, Telecommications, Networking Cabing,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Mosel Mumber |  | Foruct Dassipition | Product Code | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B320B+LF24.S US | Belimo | 3.way CCV, Brass Tim, 34"; Cv 14 with Spping, 35in-l, OnNoft, 24 Cl , SW | B320B+LF24.S US | ${ }_{1}^{\text {cluses } 5^{4}}$ | \$564.00 | 58\% | NVS Mat Price |
| B3208+LF24-SR US | Belimo | 3.way CCV, Brass Tim, 347; Cv 14 with Sping, 3Sin-lb, 2-10V, 24 V | B3208+LF24-SR US | 1 | \$644.00 | 58\% | \$270.48 |
| B320B+LF24.SR.S US | Belimo | 3 -way Ccv, Brass Tim, 344, Cv 14 with Spring, 35in-lb, 2-10V, 24V, sw | B320B+LE24.SR.SUS | 1 | \$693.00 | 58\% | \$291.06 |
| B320B+LRB120.3 | Belimo |  | B3208+LRB120.3 | 1 | \$361.00 | 58\% | \$151.62 |
| B3208+LRB120.SR | Belimo |  | B3208 + LRB120.SR | 1 | \$477.00 | 58\% | \$200.34 |
| B320B+LRB24.3 | Belimo | 3.way CCV, Bras Tim, 34 ", Cr 14 with No.-Spring Reumm,45 in-lb, Onotitifloaing,24V | B320B+LRB24 ${ }^{\text {a }}$ | 1 | \$328.00 | 58\% | \$137.76 |
| B320B+LR824.3.S | Belimo | 3.way CCV, Bras Tim, 34 ", Cr 14 with No.-Spring Reumm,45 in-lb, Onotitifloaing,24V | B320B+LB824.3. ${ }^{\text {S }}$ | 1 | \$384.00 | 58\% | \$161.28 |
| B320B+LB824.3.T | Belimo |  | B320B+LB824.3.T | 1 | \$312.00 | 58\% | \$131.04 |
| B3208+LRB24.4R | Belimo |  | B320B+LB824.SR | 1 | \$441.00 | 58\% | \$185.22 |
| B320B+LR824.SR-T | Beimo | 3 -way ccv, Brass Trim, 344 , Cov 14 with Non-Sping Reutr,45 in-lb, 2-10 voc, 24 V | B3208+LR824SR.T | 1 | \$426.00 | 58\% | \$178.92 |
| B321+LFi20 US | Beimo | 3.way CCV, SS Tim, 344, Cv 24 with Sping, 35imbly, Onnolt, 120V | B321+LFT20 US | 1 | \$577.00 | 58\% | \$242.34 |
| ${ }^{\text {B32 }}$ +L-LI20.S US | Beimo | 3.way CCV, SS Trim, 344", Crv 24 with Sping, 35in-lb, Onoft, 120V, SW | ${ }^{\text {B32 }}$ +L-120-S US | 1 | \$632.00 | 58\% | \$265.44 |
| B321+L-24 US | Belimo | 3.way CCV, SS Trim, 34", Crv 24 with Sping, 35in-l, Onolt, 24 V | ${ }^{\text {B321 }}$ +LF24 US | 1 | \$542.00 | 58\% | \$227.64 |
| B32 $1+$ L-24-3 US | Beimo | 3 3.way CCV, SS Tim, 344, Cv 24 with Spring, 35in-b, Floaing, 24V | B321+L-24-3 US | 1 | \$649.00 | 58\% | \$272.58 |
| B321+LE24Mft US | Beimo | 3 -way CCV, SS Trim, 344 , Cv 24 with Spring, 35in-b, MFT, 24 V | B321+LF24MeT US | 1 | \$729.00 | 58\% | \$306.18 |
| B321+LF24MET-S US | Belimo |  | B321+LF24MET.SUS | 1 | \$78.00 | 58\% | \$330.96 |
| B321+L-24-S US | Beimo | 3.way CCV, SS Tim, $344^{\prime \prime}$, Cr 24 with Sping, 35in-b, Onoft, 24 V , SW | B321+L-24-S US | 1 | \$598.00 | 58\% | \$251.16 |
| B32 + LL24-SR US | Belimo | 3.way CCVV, SS Tim, 34", Cv 24 with Sping, 35inibl, 2 -10V, 24 V | ${ }^{\text {B32 }}$ +L-F24SR US | 1 | \$628.00 | 58\% | \$263.76 |
| B321+L-24-SR-S us | Belimo |  | B321+L-24-SR-S US | 1 | \$685.00 | 58\% | \$287.70 |
| B321+1.RB120.3 | Belimo |  | B321+LRB120.3 | 1 | \$440.00 | 58\% | \$184.80 |
| B32 + LLBB120.SR | Beimo | 3.way CCV, SS Tim, 344", Cr 24 with Non-Sping Retur, 45 in-lb, 2-10 Voc, 120 V | B32 + LLEB120.SR | 1 | \$522.00 | 58\% | \$219.24 |
| B321+LR824.3 | Beimo |  | B321+LR824.3 | 1 | \$407.00 | 58\% | \$170.94 |
| B327+LR8243.S | Belimo | 3.way CCV, SS Timm, 34", CV 24 with Non-Sping Retur,45 in-lb, Onothflioaing,24V | B327+LR824.3.S | 1 | \$466.00 | 58\% | \$195.72 |
| B321+LR824.3-T | Beimo | 3.way CCV, SS Trim, 34", CV 24 with Non-Spring Return,45 in-lb, Onotiffiloaing,24V | B327+LRB24-3.T | 1 | \$394.00 | 58\% | \$165.48 |
| B321+LR824MeT | Beimo |  | B321+LR824MFT | 1 | \$592.00 | 58\% | \$248.64 |
| B321+LR824-SR | Beimo |  | B321+LR824-SR | 1 | \$491.00 | 58\% | \$206.22 |
| B321 +LRE24-SR-T | Beimo |  | B321+LR824-SR-T | 1 | \$478.00 | 58\% | \$200.76 |
| B321+LCCB243 | Beimo | 3.way CCV, SS T Tim, 34 ", CV24 with No.-Sping Retur,45 in-lb, Onottfifoaing,24V | B321+LRCB243 | 1 | \$431.00 | 58\% | \$181.02 |
| B32 + + Ra824-1 | Beimo |  | B321+LRa824-1 | 1 | \$774.00 | 58\% | \$295.68 |
| B321+LROB24-MFT | Beimo |  | B321+LROB24-MFT | 1 | \$744.00 | 58\% | \$312.48 |
| B321+ $\mathrm{R} \times 2 \times 24$ | Belimo | 3 -way CCV, SS Tim, 344", Crv 24 with Non-Sping Reumm,45 in-1, Onvolt,24V |  | 1 | \$774.00 | 58\% | \$295.68 |
| B321+LR0x24-MFT | Belimo |  | B321 +LRox24-MFT | 1 | \$744.00 | 58\% | \$312.48 |
| B321+LRX120.3 | Beimo |  | B321+LEx 12.3 | 1 | \$440.00 | 58\% | \$184.80 |
| B32 + LLX $\times 120.58$ | Belimo |  | B321+L-8x120.SR | 1 | \$522.00 | 58\% | \$219.24 |
| B321+LRX24.3 | Belimo |  | B321+LRX24.3 | 1 | \$407.00 | 58\% | \$170.94 |
| B327+LRX243.S | Beimo |  | B327+LRX24.3.S | 1 | \$466.00 | 58\% | \$195.72 |
| B321+LRX24.3.T | Belimo | 3.way CCV, SS Tim, 344 ; Cv 24 with Sping Reutr,45 in-lb, Onottrfloaing,24V | B327+LRX24.4.T | 1 | \$394.00 | 58\% | \$165.48 |
| B321+LLRX24MFT | Beimo |  | B32 + LLX24.4m | 1 | \$592.00 | 58\% | \$248.64 |
| 8321+LRX24-MFT95 | Beimo |  | B321+LRX24MFT95 | 1 | \$668.00 | 58\% | \$280.56 |
| B321+LRX24.PC | Beimo |  | B321+LRX24.PC | 1 | \$668.00 | 58\% | \$280.56 |
| B321+LRX24-SR | Belimo |  | B321+LRX24-SR | 1 | \$491.00 | 58\% | \$206.22 |
| B321 +LRX24-SR-T | Beimo |  | ${ }^{\text {B32 }}$ +LRXX24-SR-T | 1 | \$478.00 | 58\% | \$200.76 |
| B322 +NBB24-3. Na | Belimo | 3.way CCV, SS TTim, 34", CV 24 with Non-Sping Retum,70 in-lb, Onothtrioaing,24V | B321+NB8243.7 N 4 | 1 | \$679.00 | 58\% | \$285.18 |
| B321+NRB24.4.TN4H | Belimo |  | B321+NB8243.7 NaH | 1 | \$1,037.00 | 58\% | \$435.54 |
| B321+NRB24-SR-TN4 | Beimo |  | B32 + NRB24SR.TN4 | 1 | \$761.00 | 58\% | \$319.62 |
| B32 1+NB824.SR-T TN4 | Belimo |  | B32 + +NB824SR-T T 4 H | 1 | \$1,119.00 | 58\% | \$469.98 |
| B321+NNX24-MFT-TN4 | Belimo | ${ }^{3}$-way CCV, SS Tim, 344 ", Cv 24 with Non-Spring Reumm,70 in.lb, MFT, ,24V | B321+NRX24MFT. TN4 | 1 | \$1,048.00 | 58\% | \$440.16 |
| B321+NRX24.MF-T-TN4 | Beimo |  | B321+NNX24-MFT-TNAH | 1 | \$1,406.00 | 58\% | \$590.52 |
| B321B+LF 120 Us | Belimo |  | B321B+LF120 Us | + | \$540.00 | 58\% | $\$ 226.80$ |
| B3218+LFI20.S US | Belimo |  | B3218+LFI20.S US | 1 | \$592.00 | 58\% | \$248.64 |
| B3218+LF24 US | Belimo |  | B3218+LF24 US | 1 | \$520.00 | 58\% | \$218.40 |
| ${ }^{\text {B3218+LE24.3 US }}$ | Beimo |  | ${ }^{\text {B321B+LE24.3 US }}$ | 1 | \$625.00 | 58\% | \$262.50 |
| ${ }^{\text {B221B4+LF24.S US }}$ | Belimo |  | ${ }^{\text {B321B+LIF24.S US }}$ | 1 | \$567.00 | 58\% | \$238.14 |
| ${ }_{\text {B321BLILF24-SR US }}$ | Belimo |  | ${ }_{\text {B321BLILF24-SR US }}$ | 1 | \$647.00 | 58\% | \$271.74 |
| B321B+LF24.SR.S US | Beimo |  | B3218+LF24-SR.S U | 1 | \$696.00 | 58\% | \$292.32 |
| B3218+LRB120.3 | Beimo |  | B3218+LRB120.3 | 1 | \$364.00 | 58\% | \$152.88 |
| B3211+LRB120-SR | Belimo |  | B3218+LRB120.SR | 1 | \$480.00 | 58\% | \$201.60 |
| B3218+LR824.3 | Baimo |  | B3218+LR824.3 | 1 | \$331.00 | 58\% | \$139.02 |
| B3218+LR824.3.S | Belimo |  | B3218+LRB24.3.S | 1 | \$387.00 | 58\% | \$162.54 |
| B321B+LP824.3.T | Belimo |  | B3218+LP824.3.T | 1 | \$315.00 | 58\% | \$132.30 |
| B3218+LR824-SR | Belimo |  | B321B+LRB24.SR | 1 | \$444.00 | 58\% | \$186.48 |
| B3218+LR824-SR.T | Beimo |  | B3218+LR824SR.T | 1 | \$429.00 | 58\% | \$180.18 |
| B322+LFi20 US | Belimo |  | B322-LF120 US | 1 | \$587.00 | 58\% | \$246.54 |
| ${ }^{\text {B32 }}$ +LF120.S US | Beimo | 3.way CCV, SS Tim, 17, CV7.4.4 wih Sping, 35inlb, Onnotit, 120V, SW | ${ }^{\text {B32 }}$ +LF120.S US | 1 | \$642.00 | 58\% | \$269.64 |
| ${ }^{\text {B } 222+L E 24 U S ~}$ | Beimo |  | ${ }^{\text {B322 }}$ + F 24 US | 1 | \$555.00 | 58\% | \$233.10 |
| ${ }^{\text {B322+LF24.3 }}$ | Belimo | 3.way CCV, SS T Tim, 17, Cv 7.4 with Spping, 35inlb, Floaing, 24V | B322+LF24-3 US | 1 | \$665.00 | 58\% | \$279.30 |
| ${ }_{\text {B322+LF24-MFT US }}$ | Belimo |  | B322+LF24MFT U | 1 | \$746.00 | 58\% | \$313.32 |
| ${ }^{\text {B322 L-L24MFT-S US }}$ | Beimo | 3 -way CCV, SS Tim, 1", CV7, 7 w with Sping, 35in-b, MFT, 24V, SW | B322+LF24MFT.SUS | 1 | \$804.00 | 58\% | \$337.68 |
| B322+LF24.S US | Belimo | 3 -way CCV, SS Trim, 1", Cv7.4.4 with Sping, 35in-b, Onoff, 24V, Sw | B322+LF24.S US | 1 | \$610.00 | 58\% | \$256.20 |
| B32+L-F24-SR US | Beimo | 3 -way CCV, SS Tim, 1", CV7.4.4 wilh Sping, 35in-lb, 2-10V, 24V | B322+L-24-SR US | 1 | \$680.00 | 58\% | \$285.60 |
| 8322+LF24-SR-S US | Beimo |  | ${ }^{\text {B322+LF24-SR.S U }}$ | 1 | \$728.00 | 58\% | \$305.76 |
| B322+LRB120.3 | Beimo |  | B322+LRB120.3 | 1 | \$465.00 | 58\% | \$195.30 |
| B322+LRB120.SR | Belimo |  | B322+LRB120.SR | 1 | \$580.00 | 58\% | \$243.60 |
| B322+LR824.3 | Beimo |  | B322+LR824-3 | 1 | \$426.00 | 58\% | \$178.92 |
| B322+LR824.3.S | Beimo |  | B322+LR824.3.S | 1 | \$486.00 | 58\% | \$204.12 |
| B322+LRB24-3.T | Belimo |  | B322+LR824-T | 1 | \$414.00 | 58\% | \$173.88 |
| B322+LR824MFT | Beimo |  | B322+LB824MFT | 1 | \$672.00 | 58\% | \$282.24 |
| B322+LB824SR | Beimo |  | B322+LR824-SR | 1 | \$547.00 | 58\% | \$229.74 |
| B322+LR824-SR-T | Belimo |  | B322+LR24-SR.T | 1 | \$532.00 | 58\% | \$223.44 |
| B322+LLCB243 | Belimo |  | B322+LRC824 | 1 | \$451.00 | 58\% | \$189.42 |
| B322+LROB24-1 | Beimo |  | B322+LRO824-1 | 1 | \$783.00 | 58\% | \$328.86 |
| в322+LRa824-M/T | Belimo |  | в322+LRab24-M/T | 1 | \$826.00 | 58\% | \$346.92 |
| B322+LRax24.1 | Beimo |  | B322+LR0×24.1 | 1 | \$783.00 | 58\% | \$328.86 |
| ${ }_{\text {B322 }}$ LRaxa4-MFT | Beimo |  | ${ }_{\text {B322 }}+$ LRax 24 -MFT | 1 | \$826.00 | 58\% | \$346.92 |
| B322+LRX120.3 | Beimo |  | B322+LEx 120.3 | 1 | \$465.00 | 58\% | \$195.30 |
| B322+LFX120.SR | Beimo |  | B322+LRx120.SR | 1 | \$580.00 | 58\% | \$243.60 |
| B322+tRx24.3 | Beimo |  | B322+ $\mathrm{H} \times 24.3$ | 1 | \$426.00 | 58\% | \$178.92 |
| B322+LRX243.s | Beimo |  | B322+LRX24.3.S | 1 | \$486.00 | 58\% | \$204.12 |
| B322+LKX243.T | Belimo |  | B322+LRX243-T | 1 | \$414.00 | 58\% | \$173.88 |
| ${ }^{\text {B32 }}$ +LRX24.MFT | Beimo | ${ }^{3}$-way CCV, SS Tim, 17, Cv7 7.4 with Non-Spring Reuur,45 inilb, MFT, 24V | ${ }_{\text {B32 }}+$ LRX24-MFT | 1 | \$672.00 | 58\% | \$282.24 |
| B322+LRX24.MFT95 | Beimo |  | B322+LAX24MET95 | 1 | \$667.00 | 58\% | \$280.14 |
| B322+LLX24.SR | Beimo | 3.way COV, SS Tim, 1", C C7, 7. w with Non-Spring Return,45 inlb, 2-10 voc, 24V | B322+LRX24.5R | 1 | \$547.00 | 58\% | \$229.74 |
| B322+LRX24-SR-T | Beimo |  | B322+LR24.SR-T | + | \$532.00 | 58\% | \$223.44 |
| B322+N8B24.3.T ${ }^{\text {4 }}$ | Beimo |  | ${ }^{\text {B322+NB8243.TN4 }}$ | 1 | \$691.00 | 58\% | \$290.22 |

The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Ecroprocessor-Controncd
. Integrated Microprocessor-Controlled HVAC Equipent such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc, which are Factory-Monted HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and , commission and which are integra

- products by the authorized Iser. Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pand etc.) to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated platforms/systems.
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he

Factory Installed/Factory-Provided micro-processor--controlled included/controd
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
he contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not imited
A. General Purpse I, Kecommumicaions, Networking Cabing,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communcate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Mosal Number |  | Procter Desariplion | Producl Code | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54" | Lsit Pice | \% discount | NS Net Pice |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B322+NB8243-T N4H | Belimo |  | ${ }^{\text {B322+NBB24-3.TNAH }}$ | 1 | \$1,049.00 | 58\% | \$440.58 |
| B322+NRB24-SR-TN4 | Beimo | ${ }^{\text {3.way COV, SS Tim, }} 1$ | B322+NBB24SR-T N4 | 1 | \$888.00 | 58\% | \$339.36 |
| B322+NRB24-SR-T TNAH | Beimo |  | B322+NB824-SR.TNAH | 1 | \$1,166.00 | 58\% | \$489.72 |
| B322+NK24-MFT.TN4 | Beimo |  | в322-NBx24MFT-TN4 | 1 | \$941.00 | 58\% | \$395.22 |
| B322+NRX24-MFT-TNAH | Beimo | 3 -wey CCV, SS Trim, 17, Cv7.4 with No.SPping Reumm,70 in-lb, MFT, 24V | B322+NRX24-MFT-TN4H | 1 | \$1,299.00 | 58\% | \$545.58 |
| B333+LF120 Us | Beimo |  | ${ }^{\text {B323 }}$ LFI20 US | 1 | \$593.00 | 58\% | \$249.06 |
| ${ }^{\text {B } 233+L F I 20 . S ~ U S ~}$ | Beimo | 3.way CCV, SS Tim, 1", Cv 10 with Spring, SSin-lb, Onolit, 120V, SW | ${ }^{\text {B233+LFI20.S US }}$ | , | \$650.00 | 58\% | \$273.00 |
| ${ }^{\text {B323+LF24US }}$ | Beimo | ${ }^{3}$-way CCV, SS Tin, 14 , CV 10 with Sping, 35inlb, Onnolt, 24 V | ${ }^{\text {B323 }}$ LF24 US | 1 | \$562.00 | 58\% | \$236.04 |
| B3234-L24.3 US | Belimo | 3.way CCV, SS Tim, 1", CV 10 with Spring, 35in-lb, Foating, 24V | B323+LF24.3 US | , | \$667.00 | 58\% | \$280.14 |
| B323+LF24Mft US | Belimo | 3.way CCV, SS Tim, 4", Cv 10 with Sping, 35inlb, MFT, 24V | B323+LF24Mer US | 1 | \$748.00 | 58\% | \$314.16 |
| B323+LF24MFT-S US | Belimo | 3 3.way CCV, SS Tim, 4 ", CV 10 with Sping, 35in-b, MFT, 24V, SW | B323+LF24MET.S US | 1 | \$806.00 | 58\% | \$338.52 |
| B323+L-24-S US | Beimo |  | B323+LF24.S US | 1 | \$617.00 | 58\% | \$259.14 |
| ${ }^{\text {B323 }}$ LLF24-SR Us | Beimo | 3 3.way CCV, ss Trim, 17, Cv 10 with Sping, 35inilb, 2-10V, 24V | ${ }^{\text {B323 }}$ LF24-SR Us | 1 | \$682.00 | 58\% | \$286.44 |
| B323+LF24.SR-S US | Beimo | 3.way CCV, SS Tim, 1", Cv 10 with Spring, 35inibl, 2-10V, 24V, SW | B323+LF24-SR.S US | , | \$734.00 | 58\% | \$308.28 |
| в323+ 1 RB120.3 | Beimo |  | ${ }^{\text {B323 }}$ +188120.3 | 1 | \$467.00 | 58\% | \$196.14 |
| B323+LR120-SR | Belimo | 3 -way CCV, SS Tim, 1", Cv 10 with Non-Sping Reumm, 45 in-b, 2.10 V VC, 120 V | B323+LRB120.SR | 1 | \$582.00 | 58\% | \$244.44 |
| B323+LR824.3 | Belimo |  | B323+LR824.3 | 1 | \$428.00 | 58\% | \$179.76 |
| в323+LR8243.s. | Beimo |  | B323+LR824.3.5 | 1 | \$488.00 | 58\% | \$204.96 |
| в323+LR824.3.T | Beimo |  | в323+LR8243-T | 1 | \$416.00 | 58\% | \$174.72 |
| ${ }_{\text {B323 LLR844-MFT }}$ | Beimo |  | ${ }_{\text {B }}$ 832+LLB824MFT | 1 | \$674.00 | 58\% | \$283.08 |
| B323+LR824.SR | Beimo |  | B323+LR824-SR | 1 | \$549.00 | 58\% | \$230.58 |
| ${ }^{\text {B32 }}$ LRB24-SR-T | Baimo |  | ${ }^{\text {B32 }}$ LLR824.SR-T | 1 | \$535.00 | 58\% | \$224.70 |
| B323+LRC8243 | Beimo |  | B323+LCCB24 ${ }^{\text {a }}$ | 1 | \$453.00 | 58\% | \$190.26 |
| B323-LRa824-1 | Belimo |  | B323+LRO824-1 | 1 | \$785.00 | 58\% | \$329.70 |
| в323+LRob24MFT | Belimo | 3 3.way CCV, SS Tim, 1", Cv 10 with Non-Sping Reumm,35 in-b, MFT, 24V | в323+LRob24-MFT | 1 | \$828.00 | 58\% | \$347.76 |
| B323+LRax24-1 | Beimo |  | B333+LRax24-1 | 1 | \$785.00 | 58\% | \$329.70 |
| B323+LRax24MFT | Beimo |  | ${ }_{\text {B }}$ 323+LR0x24-MFT | 1 | \$828.00 | 58\% | \$347.76 |
| B323+LRX 120.3 | Beimo |  | B323+LRX 120.3 | 1 | \$467.00 | 58\% | \$196.14 |
| B323+LRX120.SR | Beimo |  | B233+LR×120.SR | 1 | \$582.00 | 58\% | \$244.44 |
| B323+LRx24.3 | Beimo |  | B323+LRx24.3 | 1 | \$428.00 | 58\% | \$179.76 |
| B323+LR24.4.S | Beimo |  | B323+LR24.3.5 | 1 | \$488.00 | 58\% | \$204.96 |
| в323+LRX24.3.T | Beimo |  | ${ }^{\text {B323+LR24.3.T }}$ | 1 | \$416.00 | 58\% | \$174.72 |
| ${ }^{\text {B23 }}$ LLRX24MFT | Beimo |  | B323+LRX24MFT | 1 | \$674.00 | 58\% | \$283.08 |
| B323+LRX24-MFT95 | Beimo | 3.way CCV, SS Tim, 17, CV 10 with on-Sping Reutur,45 in-lb, MFT, 24V | 8323+LRX24-MFT95 | 1 | \$777.00 | 58\% | \$326.34 |
| B323+LRX24.PC | Belino |  | B323+LRX24.PC | 1 | \$777.00 | 58\% | \$326.34 |
| B323+LRX24.SR | Beimo |  | B323+LRX24.SR | 1 | \$549.00 | 58\% | \$230.58 |
| B323 + LRX24-SR-T | Beimo | 3 .way Cov, SS Timm, 1", cr 10 with Non-Sping Reumm,45 in-lb, 2-10 voc, 24 V | ${ }^{\text {B323 }}$ +LRX24-SR-T | 1 | \$535.00 | 58\% | \$224.70 |
| B323-N8B24.3-TN4 | Beimo |  | 8323-N8B24.3-T ${ }^{\text {4 }}$ | 1 | \$693.00 | 58\% | \$291.06 |
| ${ }^{\text {B323+NRB24 }}$-3.T N4H | Beimo | 3.way CCV, SS Tim, 17, Cr 10 with Non-Sping Retur,70 in-lb, Onotiff Foaing,24V | B323+N88243-T. N4H | 1 | \$1,051.00 | 58\% | \$441.42 |
| B323-NNB24-SR-TN4 | Beimo | 3.way COV, SS Timm, 1", Cv 10 with Non-Sping Reumm,70 in-ib, 2-10 Voc, 24 V | B323+NBB24-SR-T N4 | 1 | \$822.00 | 58\% | \$345.24 |
| B323-NEB24-SR-T N NH | Beimo | 3.way CCV, SS Timm, 1", Cv 10 with Non-Sping Reumm,70 in-b, 2-10 Voc, 24V | B323-NB824-SR-TN4H | 1 | \$1,180.00 | 58\% | \$495.60 |
| B333-NRX24METTTN4 | Beimo | 3.way CCV, SS Tim, 17, Cv 10 with on-Sping Reumm,70 in-lb, MFT, 24V | B333+NRX24MFT-TN4 | 1 | \$957.00 | 58\% | \$401.94 |
| B333-NRX24-MFT-T NaH | Belino | 3.way CCV, SS Tim, 1", cr 10 with Non-Sping Reumm,70 in-b, MFT, 24V | B333-NRX24-MFT-TN4H | 1 | \$1,315.00 | 58\% | \$552.30 |
| B3254LF-120 US | Beimo |  | ${ }^{\text {B3254LFI20 US }}$ | 1 | \$597.00 | 58\% | \$250.74 |
| ${ }^{\text {B325 LLF } 120 . S U S}$ | Beimo |  | ${ }^{\text {B3255+LF120.S US }}$ | 1 | \$654.00 | 58\% | \$274.68 |
| B325+LF24 US | Beimo |  | ${ }^{\text {B } 235+L-L 24 ~ U S ~}$ | 1 | \$566.00 | 58\% | \$237.72 |
| ${ }^{\text {B325 LLF24.3US }}$ | Beimo | 3.way CCV, SS Tim, 1 ", Cv 30 with Spring, 35in-lb, Foating, 24 V | ${ }^{\text {B325 }}$ L-224.3 US | , | \$670.00 | 58\% | \$281.40 |
| ${ }_{\text {B325+LF24-MFT US }}$ | Beimo |  | ${ }_{\text {B325+LF24-MFT US }}$ | 1 | \$750.00 | 58\% | \$315.00 |
| B325+LF24MET-S US | Belino |  | B325+LF24MET.S US | 1 | \$808.00 | 58\% | \$339.36 |
| B325+LF24.S US | Beimo |  | B325+LF24-S US | 1 | \$621.00 | 58\% | \$260.82 |
| ${ }^{\text {B325 }}$ L-L24-SR Us | Beimo |  | ${ }^{\text {B325 }}$ L-F24.SR US | 1 | \$684.00 | 58\% | \$287.28 |
| B3254LF24-SRRS US | Beimo | ${ }^{\text {3.way CCV, SS Tim, }}$ 1", Cv 30 with Spring, 35inlb, 2-10V, 24V, SW | B3254LF24-SRR-S US | 1 | \$748.00 | 58\% | \$314.16 |
| ${ }^{\text {8325 }}$ LRB120.3 | Beimo |  | ${ }^{\text {B3254LRB120.3 }}$ | 1 | \$469.00 | 58\% | \$196.98 |
| B325+LRB120.SR | Beimo |  | B325+LRB120.SR | 1 | \$587.00 | 58\% | \$246.54 |
| B325+LE824.3 | Beimo |  | B325+LE824-3 | 1 | \$431.00 | 58\% | \$181.02 |
| в325+LR824.3.S | Belino | 3.way CCV, SS Timm, 1", Cr 30 with Non-Sping Retur,45 in-lb, Onotiff Foaing,24V | B325+LR824.3.5 | 1 | \$490.00 | 58\% | \$205.80 |
| B325+LR824.3.T | Beimo | 3.way CCV, SS Timm, 17, Cr 30 with Non-Sping Retur, 45 in-lb, Onotiff Foaing,24V | в325 + LR824.3.T | 1 | \$418.00 | 58\% | \$175.56 |
| ${ }^{\text {B325 L-LB844MFT }}$ | Beimo | 3 3.way CCV, SS Tim, 17, Cry 30 with Non-Spring Return,45 in-lb, MFT, 24V | ${ }_{\text {B325 LLB824MFT }}$ | 1 | \$678.00 | 58\% | \$284.76 |
| B325+LR824-SR | Beimo |  | B325+LR824-SR | 1 | \$555.00 | 58\% | \$233.10 |
| B335tLRE24-SR-T | Beimo |  | B325 LRB24-SR-T | 1 | \$539.00 | 58\% | \$226.38 |
| B325+LRC824, | Beimo |  | B3254LRC824 ${ }^{\text {a }}$ | 1 | \$456.00 | 58\% | \$191.52 |
| B325+LROB24, | Beimo |  | B325+LRO824-1 | 1 | \$789.00 | 58\% | \$331.38 |
| B325+LROB24-MET | Beimo | 3 3.way CCV, SS Timm, 1", Crv 30 with Non-Sping Reumm,35 in-b, MFT, 24V | в325+LR0824-MFT | 1 | \$832.00 | 58\% | \$349.44 |
| B325+LRax24-1 | Belino |  | B325+LRax24-1 | 1 | \$789.00 | 58\% | \$331.38 |
| B325+LRaX24MFT | Beimo |  | B325+LRax24-MFT | 1 | \$832.00 | 58\% | \$349.44 |
| ${ }^{\text {B3254tRX } 120.3}$ | Beimo |  | ${ }^{\text {B3254tRX }}$ 120.3 | 1 | \$469.00 | 58\% | \$196.98 |
| ${ }^{\text {B325 LLPx120-SR }}$ | Beimo |  | ${ }^{\text {B325 }}$ +LRX120-SR | 1 | \$587.00 | 58\% | \$246.54 |
| B325+LRX24.3 | Beimo |  | B325+LR24.3 | 1 | \$431.00 | 58\% | \$181.02 |
| B325+LR24.4.S | Beimo |  | B325+LRX24.3.S | 1 | \$490.00 | 58\% | \$205.80 |
| в325+LRX24.3.T | Beimo |  | B325+LRX243-T | 1 | \$448.00 | 58\% | \$175.56 |
| B325+LRX24MFT | Beimo | 3.way CCV, SS Tim, 1", Cry 30 with Non-Sping Reumm,45 in-1, MFT, 24V | B325 LLR 24 -MFT | 1 | \$678.00 | 58\% | \$284.76 |
| 8325+LRX24-MFT95 | Beimo | 3.way CCV, SS Tim, 1 1", Crvo with on-Sping Reumm,45 in-lb, MFT, 24V | B325+LRX24MFT95 | 1 | \$783.00 | 58\% | \$328.86 |
|  | Beimo |  | ${ }_{\text {cke }}^{\text {B325LLLX24.PC }}$ | 1 | \$783.00 | 58\% | \$328.86 |
| B325+LX244SR | Belimo | ${ }^{3}$.way CCV, SS Tim, 1", Cus 30 with Non-SPping Reumm,45 in-b, 2 2-10 V VC, 24 V | ${ }^{\text {B325+LKX24-SR }}$ | 1 | \$555.00 | 58\% | \$233.10 |
| ${ }^{\text {B3255LRX24-SR-T }}$ | Beimo |  | ${ }^{\text {B325 }}$-LRX24.4RRT | 1 | \$539.00 | 58\% | \$226.38 |
| B325-N8B24.3-T $\mathrm{N}_{4}$ | Beimo |  | B325-NRB24.3.T N4 | 1 | \$701.00 | 58\% | \$294.42 |
| ${ }^{\text {B325 }}$ +NB824.3.T TAH | Baimo |  | B325+N8B243-7. N4H | 1 | \$1,059.00 | 58\% | \$444.78 |
| B325+NRB24-SR.TN4 | Beimo |  | B325+NBB24-SR.TN4 | 1 | \$820.00 | 58\% | \$344.40 |
| B335+NR824-SR-T N NH | Belimo |  | B325-NB824-SR-TN4H | 1 | \$1,178.00 | 58\% | \$494.76 |
|  | Beimo |  |  | 1 | \$955.00 | 58\% | \$401.10 |
| ${ }_{\text {B325-NRX24MF-T-TAH }}$ | Belimo | ${ }^{\text {3 }}$.way CCV, SS Tim, 1", Cr 30 with Non-Sping Reumm,70 in-b, MFT, 24V | B325-NRX24.MFT-TN4H | 1 | \$1,313.00 | 58\% | \$551.46 |
| ${ }^{\text {B329AAFB824 }}$ | Belimo |  | ${ }_{\text {B }}$ B39+ARFB24 | 1 | \$663.00 | 58\% | \$278.46 |
| ${ }^{\text {B329AAFRB24-S }}$ | Belimo |  | ${ }^{\text {B329AAFRB24-S }}$ | 1 | \$758.00 | 58\% | \$318.36 |
| B329AAFR824.SR | Belimo |  | B329AFRB24.SR | 1 | \$794.00 | 58\% | \$333.48 |
| B329AAFBBUP | Belimo |  | B329AAFRBUP | 1 | \$722.00 | 58\% | \$303.24 |
| B329AFRBup-S | Belimo |  | B329AFRBup-s | 1 | \$781.00 | 58\% | \$328.02 |
| B329AAFRX24 | Beimo | 3.way CCV, SS Tim, 1-1/44; Crv 10 with Spring Retur, 180 inibl , Onoftr,24V | B329AFFR24 | 1 | \$663.00 | 58\% | \$278.46 |
| B329AFRX24-MFT | Beimo | 3 3.way CCV, SS Tim, 1-1/44, Cv 10 with Sping Reuum, 880 in-lb, MFT, 24V | B329AAFRX24M-T | 1 | \$826.00 | 58\% | \$346.92 |
| ${ }^{\text {B329AAFRK24MFT95 }}$ | Belimo |  | B329AAFRX24MFT95 | 1 | \$840.00 | 58\% | \$352.80 |
| вз29AAFRX24-MFT-S | Belimo |  | B329AFFRX24MFT-S | 1 | \$885.00 | 58\% | \$371.70 |
| B329AFRX24.S | Belimo |  | B329AAFRX24-S | 1 | \$758.00 | 58\% | \$318.36 |
| B399AFRR24-SR | Belimo | 3 3.way CCV, SS Tim, 1-1/4", Cv 10 with Spring Reumm, 880 in-lb, 2-10 Voc, 24V | B399AFRR24-SR | 1 | \$794.00 | 58\% | \$333.48 |
| ${ }^{\text {B329AAFPXUP }}$ | Belimo |  | ${ }^{\text {B329AAFRXUP }}$ | 1 | \$722.00 | 58\% | \$303.24 |
| B329AAFxup-S | Belimo |  | B329AFARxup-s | 1 | \$781.00 | 58\% | \$328.02 |
| B329AARB120.3 | Belimo | 3.way CCV, SS Trim, 1-1/4/: CV 10 with Non-Sping Retur, 188 in.lb, Onotitifloaing, 120 to 240V | B329ARB120.3 | 1 | \$545.00 | 58\% | \$228.90 |
| в3299ARB120.SR | Beimo |  | B329ARB120.SR | 1 | \$615.00 | 58\% | \$258.30 |
| B229+AB824-3 | Belimo |  | B329+AB824-3 | 1 | \$498.00 | 58\% | \$209.16 |
| B329+AR824-3. ${ }^{\text {S }}$ | Belimo |  | B329ARB24-3. ${ }^{\text {a }}$ | 1 | \$557.00 | 58\% | \$233.94 |
| B329AR824.3.T | Belimo |  | ${ }^{\text {B329AAB824-T. }}$ | 1 | \$543.00 | 58\% | \$228.06 |

The scope of this contract includes the following
Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and in integrated with the Integrated

3. Integrated Microprocessor-Controlled HVAC Equpent such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these commission and which are integr
products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, mong these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authoriz

Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
ff Itegrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, howers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
. Factory Installed/Factory-Provided micro-processor--controlled included/cont
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purse A, Telecommicaions, Networking Cabling,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Ioosel Number |  | Frostucl Desariplion | Fostuct Code | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, | Lstrices | somet | Ws Ne |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B329ARB824.T.T4 | Baimo |  | 329ARB2 | 1 | \$785.00 | 58\% | \$329.70 |
| B329AB8243-T NaH | Baimo |  |  | 1 | \$785.00 | 58\% | \$329.70 |
| вз29+ARB24MFT | Beimo | 3 3.way CCV, SS Trim, 1-1/4", Cv 10 with Non-Sping Reurn,1880 in-1b, MFT, 24V | B329AAB84-Met | 1 | \$688.00 | 58\% | \$288.96 |
| B329ARB24-SR | Beimo |  | B329+AB824.SR | 1 | \$582.00 | 58\% | \$244.44 |
| B329ARB24-SR-T | Balimo |  | B329AAB24-SR.T | , | \$568.00 | 58\% | \$238.56 |
| B329AAB824SRTT N4 | Belimo | ${ }^{3}$-way CCV, SS Tim, 1-1/44, Cv 10 with Non-Sping Reuun,160 in-lb, 2-10 V Voc, 24V | B329AAB24-SR-T N4 | 1 | \$887.00 | 58\% | \$364.14 |
| B329AAB24-SR-T N4H | Belimo | 3.way CCV, SS Timm, 1-1/44, Cv 10 with Non-Spring Reutm, 180 im i-lb, 2-10 Voc, 24 V | B329ARB24.SR.TNAH | 1 | \$1,225.00 | 58\% | \$514.50 |
| B329ARX120.3 | Baimo |  | B329AARX120.3 | 1 | \$545.00 | 58\% | \$228.90 |
| B329 ARX $120 . S 8^{\text {a }}$ | Baimo |  | B3299AR×120.SR | 1 | \$615.00 | 58\% | \$258.30 |
| B329+ARX24.3 | Baimo |  | в329+ARX24.3 | 1 | \$498.00 | 58\% | \$209.16 |
| B329+ARX24.3.S | Balimo |  | B329ARX24.3.S | 1 | \$557.00 | 58\% | \$233.94 |
| B329ARX243-T | Belimo | 3-way CCV, SS Tim, 1-1/44, Cv 10 with Non-Sping Reuun, 180 in-lb, Onotifleating,24V | B329A8×24.3.T | 1 | \$543.00 | 58\% | \$228.06 |
| в3399AR×24M-T | Baimo |  | B399ARX24-MFT | 1 | \$688.00 | 58\% | \$288.96 |
| 83294ARX24-MFT95 | Belimo | ${ }^{3}$ 3-way CCV, SS Tim, 1-1/44, Cv 10 with Non-Sping Reuun, 180 in-lb, MFT, 24V | B329AAR24MFT95 | 1 | \$789.00 | 58\% | \$331.38 |
| B329AARX24-MFT-T N4 | Balimo |  | в329ARX24MFT-TN4 | 1 | \$973.00 | 58\% | \$408.66 |
| в329AAR24-MFT-TN4H | Baimo |  | B329+ARx24-MET-TN4H | 1 | \$1,331.00 | 58\% | \$559.02 |
| B329AARX24.SR | Balimo |  | B329+ARX24.SR | 1 | \$582.00 | 58\% | \$244.44 |
| B329AAK24.4R-T | Belimo | 3.way CCV, SS Timm, 1-1/44, Cv 10 with Non-Spring Reutm, 880 in-lb, 2-10 Voc, 24 V | B329AAK24-SR-T | 1 | \$568.00 | 58\% | \$238.56 |
| B329+NROB24-1 | Belimo |  | B329+NROB24-1 | 1 | \$800.00 | 58\% | \$336.00 |
| B329+NRob24-MFT | Balimo | 3 3.way CCV, SS Tim, 1-1/4", CV 10 with Non-Sping Reumm,70 in-b, MF, ,24V | B329+NRO824-MFT | 1 | \$842.00 | 58\% | \$353.64 |
| B329-NRax24-MFT | Baimo |  | B329-NROX24-MFT | 1 | \$842.00 | 58\% | \$353.64 |
| в330+AFRB24 | Belimo | 3.way CCV, SS Tim, 1-1/44, Cv 19 with Spring Retur, 188 in-ib, Onoft, 24V | B330+AFBB24 | 1 | \$669.00 | 58\% | \$280.98 |
| B330+AFRB24-S | Belimo | 3.way CCV, SS Tim, 1-1/4", Cv 19 with Spring Retur, 180 in-ib, Onoft, 24V | B330+AFB824S | 1 | \$762.00 | 58\% | \$320.04 |
| B330+AFB824.SR | Belimo |  | B330+AFB824.SR | 1 | \$798.00 | 58\% | \$335.16 |
| вз330AFRBup | Baimo |  | в330+AFRBuP | 1 | \$726.00 | 58\% | \$304.92 |
| B330+AFRBup-S | Beimo |  | B330+AFBbup-S | 1 | \$785.00 | 58\% | \$329.70 |
| B330+AFRX24 | Baimo |  | B330+AFRX24 | 1 | \$669.00 | 58\% | \$280.98 |
| B330AFRX24-MFT | Belimo | ${ }^{3}$-way CCV, SS Tim, $1.1 / 44$ ", CV 19 with Sping Reum, 1880 in-lb, MFT, 24V | B330+AFRX24MFT | 1 | \$830.00 | 58\% | \$348.60 |
| в330+AFRX24MFT95 | Beimo | 3 3.way CCV, SS Tim, 1-1/44"; CV 19 with Sping Relum, 880 in-lb, MFT, 24V | в330+AFRX24.MFT95 | 1 | \$844.00 | 58\% | \$354.48 |
| B330+AFRX24.MF-S | Balimo | 3 -way CCV, SS Tim, ,1-1/4", CV 19 with Sping Reurn,1880 in-1, MFT, 24V | B330+AFR24.MFT-S | 1 | \$889.00 | 58\% | \$373.38 |
| B330+AFFX24-S | Belimo | 3.way CCV, SS Tim, 1-1/4", Cv 19 with Spring Retur, 180 in-lb, Onolt, 24V | B330+AFRX24S | 1 | \$762.00 | 58\% | \$320.04 |
| B330+AFRX24.SR | Belimo | 3 3.way CCV, SS Tim, 1-1/4", Cv 19 with Spring Reumm, 180 in-lb, 2-10 Vod, 24V | B330+AFRX24.SR | 1 | \$798.00 | 58\% | \$335.16 |
| B330+AFRXUP | Belimo |  | B330+AFRXUP | 1 | \$726.00 | 58\% | \$304.92 |
| B330+AFrxup-s | Baimo |  | B330+AFRxup-S | 1 | \$785.00 | 58\% | \$329.70 |
| B330+ARB120.3 | Baimo |  | в330+ARB120.3 | 1 | \$537.00 | 58\% | \$225.54 |
| в330+ARB120.SR | Balimo |  | в330+ARB120.SR | 1 | \$621.00 | 58\% | \$260.82 |
| в330+AB824.3 | Beimo |  | в330+AB824.3 | 1 | \$502.00 | 58\% | \$210.84 |
| B330+A8824.3.S | Balimo |  | B330+A8824.3.S | 1 | \$562.00 | 58\% | \$236.04 |
| B330+A8824.7.T | Baimo |  | в330+A8824.7.T | 1 | \$490.00 | 58\% | \$205.80 |
| в330+AR824.3. NA | Balimo |  | в3330+AB824.3.TN4 | 1 | \$789.00 | 58\% | \$331.38 |
| B330+A8B24.3.T NaH | Baimo |  | 8330+AR824.3.T N4H | 1 | \$789.00 | 58\% | \$331.38 |
| вз30+AB824MFT | Baimo | 3 3.way CCV, SS Trim, 1-1/4": CV 19 with Non-Sping Reurn,1880 in-1b, MFT, 24V | в330+ARB24MfT | 1 | \$697.00 | 58\% | \$292.74 |
| B330+A8B24.SR | Balimo |  | B330+A8B24.SR | 1 | \$587.00 | 58\% | \$24.54 |
| B330+AR824-SR-T | Balimo |  | B330+ABE24.SR.T | 1 | \$574.00 | 58\% | \$241.08 |
| B330+AB824-SR-T N 4 | Baimo |  | в330+AB824.SR-TN4 | 1 | \$872.00 | 58\% | \$366.24 |
| B330+AR824-SR-T NaH | Baimo |  | B330+AB824.SR.TNAH | 1 | \$1,230.00 | 58\% | \$516.60 |
| B330+ARX120.3 | Balimo |  | B330+ARX120.3 | 1 | \$537.00 | 58\% | \$225.54 |
| B330+AAX120.SR | Baimo |  | ${ }^{\text {B300AARX } 20 . S R}$ | 1 | \$621.00 | 58\% | \$260.82 |
| B330+ARX24.3 | Belimo |  | в330+ARX24.3 | 1 | \$502.00 | 58\% | \$210.84 |
| B330+A8×24.3.S | Beimo |  | B330+ARX24.3.s | 1 | \$562.00 | 58\% | \$236.04 |
| B330+A8X243-T | Balimo |  | B330ARX243-T | 1 | \$490.00 | 58\% | \$205.80 |
| вз30+ARX24.MFT | Baimo |  | в330+AR×24-MeT | 1 | \$697.00 | 58\% | \$292.74 |
| B330+AR24-MFT95 | Baimo |  | B330+AR24-MET95 | 1 | \$798.00 | 58\% | \$335.16 |
| B330+AAX24-MFT-TN4 | Belimo | 3 3-way CCV, SS Tim, 1-1/44, Cv 19 with Non-Sping Reuun,160 in-lb, MFT, 24V | в330AARX24MFT-TN4 | , | \$982.00 | 58\% | \$412.44 |
| B330+ARX24.MFT. TNAH | Baimo | ${ }^{3}$-way CCV, SS Tim, 1-1/44, CV 19 with Non-Spring Reum, 180 ind.b, MFT, 24V | B330+ARX24-MFT-TN4H | 1 | \$1,340.00 | 58\% | \$562.80 |
| B330+A8X24-SR | Belimo |  | B330+ARX24-SR | 1 | \$587.00 | 58\% | \$246.54 |
| B330+ARX24SR.T | Belimo | 3.way CCV, SS Timm, 1-1/44, Cv 19 with Non-Spring Reutm, 880 in-lb, 2-10 Voc, 24 V | B330+AAX24-SR-T | 1 | \$574.00 | 58\% | \$241.08 |
| B331+AFRB24 | Belimo |  | B331+AFRB24 | 1 | \$809.00 | 58\% | \$339.78 |
| B331+AFR824-S | Balimo | 3.way CCV, SS Tim, 1-1/4": Crv 25 with Sping Retur, 180 in-bl, Onoftr,24V | B331+AFB824S | 1 | \$904.00 | 58\% | \$379.68 |
| B331 A ARB24.SR | Baimo | 3.way CCV, SS Timm, 1-1/44, Cr 25 with Sping Reutr, 180 in-lb, 2-10 Voc,24V | B331+AFB824.SR | 1 | \$958.00 | 58\% | \$402.36 |
| B331+Afrbup | Baimo |  | B331+AFRBUP | 1 | \$869.00 | 58\% | \$364.98 |
| B331+AFBrup-s | Balimo |  | B331+AFRBup-S | 1 | \$959.00 | 58\% | \$402.78 |
| B331+AFRX24 | Baimo |  | B331+AFRX24 | 1 | \$809.00 | 58\% | \$339.78 |
| B331+AFRX24-MFT | Balimo | 3 3-way CCV, SS Tim, 1-1/4", Cv 25 with Sping Reuun, 180 in-lb, MFT, 24V | B331+AFRX24MFT | 1 | \$1,026.00 | 58\% | \$430.92 |
| B331+AFRX24MFT95 | Balimo | 3 3.way CCV, SS Tim, , 1-1/4", Cv 25 with Sping Reuum, 880 in-b, MFT, 24V | B331+AFRK24MET95 | 1 | \$1,036.00 | 58\% | \$435.12 |
| B33 3 +AFRX24.MF-S | Baimo | 3 3.wey CCV, SS Tim, 1-1/44", Cv 25 with Sping Relum, 880 in-b, MFT, 24V | B33 1 AAFR24-MFT-S | 1 | \$1,117.00 | 58\% | \$469.14 |
| B331+AFFX24.S | Beimo | 3.way CCV, SS Tim, 1-1/44", Cv 25 with Spring Retum, 188 in.ib, Onolit,24V | B331+AFRX24-S | 1 | \$904.00 | 58\% | \$379.68 |
| ${ }^{\text {B33 }}$ +AFRK24.SR | Balimo | 3.way CCV, SS Timm, 1-1/44, Cv 25 with Spring Reuum, 880 in-lb, 2-10 Vod, 24V | в331+AFRK24.SR | 1 | \$958.00 | 58\% | \$402.36 |
| B331+AFRXUP | Baimo |  | B331+AFRXUP | 1 | \$869.00 | 58\% | \$364.98 |
| B331+AFrxup-s | Balimo |  | B331+AFRxup-s | 1 | \$959.00 | 58\% | \$402.78 |
| B331+ARB120.3 | Balimo |  | B331+ARB120.3 | 1 | \$670.00 | 58\% | \$281.40 |
| B33 $^{\text {AARB120.SR }}$ | Baimo |  | B331+AABB120.SR | 1 | \$802.00 | 58\% | \$336.84 |
| в331+AR824.3 | Balimo |  | в331+AR824.3 | 1 | \$633.00 | 58\% | \$265.86 |
| ${ }^{\text {B33 }}$ +A88243-S | Baimo |  | B331+AR824.3.s | 1 | \$693.00 | 58\% | \$291.06 |
|  | Baimo |  | ${ }_{\text {B33 }}+$ ARB24.3.T | 1 | \$621.00 | 58\% | \$260.82 |
| B331+AR824.3. Na | Balimo |  | B333+AR824.3.7N4 | 1 | \$920.00 | 58\% | \$386.40 |
|  | Baimo |  | ${ }^{\text {B33 }}$ +AB824.3.T TAH | 1 | \$920.00 | 58\% | \$386.40 |
| вз33 1 AAB824MFT | Beimo |  | вз31 +ARB24Met | , | \$820.00 | 58\% | \$344.40 |
| B331+A8B24.SR | Baimo |  | B331+A8B24-SR | 1 | \$769.00 | 58\% | \$322.98 |
| B331+AR824-SR-T | Belimo |  | B331+AAB24-SR-T | 1 | \$752.00 | 58\% | \$315.84 |
| B3331+AB824.SRTT N 4 | Belimo |  | B331+ARB24-SRRTN4 | 1 | \$1,054.00 | 58\% | \$442.68 |
| B331+AR824-SR-TN4H | Belimo | 3.way CCV, SS Tim, 1-1/44, Cv 25 with Non-Spring Retum, 880 in.lb, 2-10 voc, 24 V | B331+AR824-SR.TN4H | 1 | \$1,412.00 | 58\% | \$593.04 |
| B331+ARX120.3 | Balimo | 3.way CCV, SS Tim, 1-1/4", CV25 with Non-Spring Retur, 188 in-ib, Onotitfirioaing, 120 to 240 V | B331+ARX120.3 | 1 | \$670.00 | 58\% | \$281.40 |
| ${ }^{\text {B33 }}$ +ARX120.SR | Baimo |  | B331+ARX120.SR | 1 | \$802.00 | 58\% | \$336.84 |
| B331+AR24.3 | Beimo |  | B331+ARX24.3 | 1 | \$633.00 | 58\% | \$265.86 |
| в331+ARX24.3.S | Beimo |  | B331+ARX24.3.s | 1 | \$693.00 | 58\% | \$291.06 |

The scope of this contract includes the following
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and in integrated with the Integrated Hroprocessor-Controled HVAC Equipment in a building or faciinty. Building Management Systems and Bir Aug Contro Systems are a,

Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and , commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
Integrated BAS/EMS/IItegrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

Integrated Microprocessor-Based HVAC Equipment;

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs howers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
. Factory Installed/Factory-Provided micro-processor--controlled included/cont
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose T , Telecommumications, Networking Cabling, Fiber Optics (e.g. phone, pbx, digital centrex, digital key systems, television, cable, T-Line, general broadband,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communcate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

|  |  |  |  | Narranty Period - \# of year(s) after eptance as required by Appendix B, |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | st Price |  | \$260.82 |
| ${ }^{\text {B3 } 31+A R X 243-T}$ | Belimo | ${ }^{3}$-way CCV, SS Tim, 1-1/4, CV 25 whin Non-Sporing Reum, 180 in-b, Onotifloaing, 24V | ${ }^{\text {B33 }}$ +ARX24.3. | 1 | \$621.00 | 58\% | \$260.82 |
| в331+AAX24MET | Belimo | 3 3.way CCV, SS Tim, 1-1/44, Cv 25 with Non-Spring Reuun,180 in-1, MFT, 24V | B331+AR24-M-T | 1 | \$820.00 | 58\% | \$344.40 |
| в331+ARX24-MTт95 | Baimo |  | B331+ARX24-MFT95 | 1 | \$922.00 | 58\% | \$387.24 |
| B331+ARX24-MFT-TN4 | Balimo | 3 3.way CCV, SS Tim, 1-1/44", Cv 25 with Non-Sping Reuun,160 in-lb, MFT, 24V | B331+ARX24MFT-TN4 | , | \$1,107.00 | 58\% | \$464.94 |
| B331+ARX24MET-TNAH | Baimo |  | B331+ARX24-MET-TN4H | 1 | \$1,465.00 | 58\% | \$615.30 |
| ${ }^{\text {B33 }}$ + + P $\times 24 . \mathrm{PC}$ | Balimo |  | B331+ARX24.PC | 1 | \$922.00 | 58\% | \$387.24 |
| B331+ARX24.SR | Balimo |  | B331+ARX24.SR | 1 | \$799.00 | 58\% | \$322.98 |
| B331+AR24.SR.T | Baimo |  | B331+AR24.SR-T | 1 | \$752.00 | 58\% | \$315.84 |
| B338AFRB24 | Belimo | 3.way CCV, SS Tim, 1-1/2", Cr 19 with Sping Retur, 188 in-ib, Onofit,24V | B338+AFBB24 | 1 | \$822.00 | 58\% | \$345.24 |
| B338+AFR824-S | Belimo | 3.way CCV, SS Tim, 1-1/2": Cv 19 with Spring Retur, 180 in-ib, Onoft, 24V | B338+AFR824-S | 1 | \$916.00 | 58\% | \$384.72 |
| B3388AFRB24.SR | Balimo |  | B338+AFR824-SR | 1 | \$973.00 | 58\% | \$408.66 |
| B338+ARBBUP | Balimo |  | B338+AFRBUP | 1 | \$885.00 | 58\% | \$371.70 |
| B338+AFBuUP-S | Belimo |  | B338+AFBuUP-S | 1 | \$973.00 | 58\% | \$408.66 |
| в338+AFRX24 | Baimo |  | B338+AFRX24 | 1 | \$822.00 | 58\% | \$345.24 |
| B338+AFRX24MFT | Belimo |  | B338AFRX24MFT | 1 | \$1,029.00 | 58\% | \$432.18 |
| B338+AFRK24MFT95 | Belimo | 3.way COV, SS Timm, 1-1/2", Cv 19 with Spring Reumm,180 in-lb, MFT, 24V | B338+AFRX24-MFT95 | 1 | \$1,038.00 | 58\% | \$435.96 |
| B338-AFR224MF-S | Belimo | 3 -way CCV, SS Tim, , t-1/2", CV 19 with Sping Reuun,180 in-lb, MFT, 24V | B338+AFRX24-MFT-S | 1 | \$1,119.00 | 58\% | \$469.98 |
| B338+AFRX24.S | Baimo |  | B338+AFRX24.S | 1 | \$916.00 | 58\% | \$384.72 |
| B388+AFR224-SR | Belimo | 3.way CCV, SS Timm, 1-1/2", Cv 19 with Sping Reumm, 880 in i-lb, 2-10 Voc, 24V | B338+AFR24.SR | 1 | \$973.00 | 58\% | \$408.66 |
| B338+AFRXUP | Belimo |  | B338+AFRXUP | 1 | \$885.00 | 58\% | \$371.70 |
| B338+AFRxup-s | Baimo |  | B338+AFRxup-S | 1 | \$973.00 | 58\% | \$408.66 |
| в338+ARB120.3 | Beimo |  | B338+ARB120.3 | 1 | \$678.00 | 58\% | \$284.76 |
| В333+AABB120.SR | Balimo | 3.way CCV, SS Tim, 1-1/2", Cv 19 with Non-Spring Retur, 180 inill , 2.10 VDC, 120 to 240 V | B338+AABB120.SR | 1 | \$815.00 | 58\% | \$342.30 |
| 8338+AB824.3 | Balimo |  | 8338+AR824.3 | 1 | \$642.00 | 58\% | \$269.64 |
| B338+A8824.3.S | Balimo |  | B338+A8824.3.S | 1 | \$701.00 | 58\% | \$294.42 |
| 8338+ARB243-T | Balimo |  | B338+A8824-3.T | 1 | \$629.00 | 58\% | \$264.18 |
| в338+AB824-3. Na | Beimo |  | B338+AB824.3.TN4 | 1 | \$929.00 | 58\% | \$390.18 |
| В3388A8824.3.T NaH | Baimo |  | B338+A8B24.3.7N4H | 1 | \$929.00 | 58\% | \$390.18 |
| вз388A8824Mm | Baimo |  | B338+AB824MFT | 1 | \$844.00 | 58\% | \$354.48 |
| B338+ARB24-SR | Belimo |  | B338+A8B24-SR | 1 | \$783.00 | 58\% | \$328.86 |
| B338+ARB24-SR-T | Beimo |  | B338+ARB24-SR-T | 1 | \$769.00 | 58\% | \$322.98 |
| B338+AR324-SR.T N4 | Belimo |  | B338+AB824-SR-TN4 | 1 | \$1,066.00 | 58\% | \$447.72 |
| в338+ARB24SR-T N44 | Baimo |  | B338+AR824-SR-TN4H | 1 | \$1,424.00 | 58\% | \$598.08 |
| B338+ARX120.3 | Belimo |  | B338+ARX120.3 | 1 | \$678.00 | 58\% | \$284.76 |
| B338+AR×120.SR | Balimo | 3.way CCV, SS TTim, 1-1/2", CV 19 with Non-Sping Reumm, 180 in-lb, 2.10 VOC, 120 to 240 V | B338+ARX120.SR | 1 | \$815.00 | 58\% | \$342.30 |
| B338+ARX24.3 | Baimo |  | B338+AR24-3 | 1 | \$642.00 | 58\% | \$269.64 |
| B338+A8×24-3 | Baimo |  | B338+ARX24.3.s | 1 | \$642.00 | 58\% | \$269.64 |
| B338+A8×24-T | Beimo |  | в338+A8×24-T | 1 | \$629.00 | 58\% | \$264.18 |
| вз38+AAX24-MET | Belimo |  | в338+ARX24MeT | 1 | \$844.00 | 58\% | \$354.48 |
| B338+AR24-MET95 | Balimo |  | B338+AR24-MET95 | 1 | \$943.00 | 58\% | \$396.06 |
| в338+ARX24MF-TN4 | Baimo |  | в338+ARX24MFT-TN4 | 1 | \$1,132.00 | 58\% | \$475.44 |
| B338+ARX24MFT-TN4H | Balimo | 3-way CCV, SS Timm, 1-1/2\%: Cv 19 with Non-Sping Reuun, 880 in-lb, MFT,24V | B338+ARX24-MFT-TN4H | 1 | \$1,490.00 | 58\% | \$625.80 |
| B338+AAX24.PC | Beimo |  | ${ }^{\text {B338 }}$ + $\mathrm{AX} 24 . \mathrm{PC}$ | 1 | \$943.00 | 58\% | \$396.06 |
| B338+ARX24.SR | Belimo |  | B338+ARX24-SR | , | \$783.00 | 58\% | \$328.86 |
| B338+ARX24-SR-T | Beimo |  | B338+ARX24-SR-T | 1 | \$769.00 | 58\% | \$322.98 |
| в339+AFRB24 | Balimo |  | в339+AF8824 | 1 | \$824.00 | 58\% | \$346.08 |
| B3394AFRE24S | Baimo |  | B339AFRB24-S | 1 | \$918.00 | 58\% | \$385.56 |
| в3399AFR824.SR | Baimo |  | в339+AFB824.SR | , | \$992.00 | 58\% | \$416.64 |
| B339AFRBUP | Baimo |  | B339+AFBbup | 1 | \$887.00 | 58\% | \$372.54 |
| B339AFRBup-s | Beimo | 3.way CCV, SS Tim, , 1-1/2", Cv 29 with Sping Reumm, 180 inibl, Onofit, 24 to 240 V ( (PP) | B339+AFRBup-s | 1 | \$976.00 | 58\% | \$409.92 |
| в339+AFRX2 | Baimo |  | В339+AFRX24 | 1 | \$824.00 | 58\% | \$346.08 |
| B339AARX24-MFT | Balimo |  | B339AARX24MFT | , | \$1,031.00 | 58\% | \$433.02 |
| В3399AFRK24MET95 | Baimo |  | B3394AFR24-MFT95 | 1 | \$1,040.00 | 58\% | \$436.80 |
|  | Beimo |  | B339AAFR24-MfT-S | 1 | \$1,121.00 | 58\% | \$470.82 |
| B339AFFX24-S | Belimo | 3.way CCV, SS Tim, 1-1/2": Crv 29 with Spring Retur, 180 in-ib, Onofit,24V | B339AFFX24-S | 1 | \$918.00 | 58\% | \$385.56 |
| B339AAFR24-SR | Beimo |  | B339A-ARK24.SR | 1 | \$992.00 | 58\% | \$416.64 |
| вз39+AFRXUP | Belimo |  | в339+AFxup | 1 | \$887.00 | 58\% | \$372.54 |
| B339+AFrxup-s | Balimo | 3.way CCV, SS Tim, , 1-1/2", Cv 29 with Sping Reumm, 180 inibl, Onofit, 24 to 240 V ( (UP) | B339+AFRxup-s | 1 | \$976.00 | 58\% | \$409.92 |
| вз39+ARB120.3 | Beimo |  | B3394ARB120.3 | 1 | \$680.00 | 58\% | \$285.60 |
| B339 AABB120.SR $^{\text {a }}$ | Baimo | 3.way CCV, SS Tim, 1-1/2", Cr 29 with Non-Spring Retur, 188 inimb , 2.10 VDC, 120 to 240 V | B399ARB120.SR $^{\text {a }}$ | 1 | \$820.00 | 58\% | \$344.40 |
| в339+A8824-3 | Belimo |  | B339+AB824.3 | 1 | \$644.00 | 58\% | \$270.48 |
|  | Baimo |  | B339+A8824.3.S | 1 | \$703.00 | 58\% | \$295.26 |
| в339+A8824.7.T | Beimo |  | в339+A8824.7.T | 1 | \$631.00 | 58\% | \$265.02 |
| В3399ARB24.3. NA | Baimo |  | B339+AB824.3. Na | 1 | \$931.00 | 58\% | \$391.02 |
| Вз399A8824.3.T NaH | Beimo |  | B339+A8824.3.TN4H | 1 | \$1,323.00 | 58\% | \$555.66 |
| вз399ARB24Met | Beimo |  | вз39 ARB24-M-T $^{\text {a }}$ | 1 | \$847.00 | 58\% | \$355.74 |
| B339+AB824.SR | Baimo |  | B339+A8B24.SR | 1 | \$787.00 | 58\% | \$330.54 |
| B339+AB824-SR-T | Belimo |  | B339 9 AB824.SR.T | 1 | \$775.00 | 58\% | \$325.50 |
| B339AR824-SR-TN4 | Baimo |  | B339ARB24-SR-TN4 | 1 | \$1,070.00 | 58\% | \$449.40 |
| B339AAR824SR-T N4H | Belimo |  | B339AARB24-SR-T N4H | 1 | \$1,428.00 | 58\% | \$599.76 |
| в339+ARX120.3 | Baimo |  | B339+AAX120.3 | 1 | \$680.00 | 58\% | \$285.60 |
| B3399ARX120.SR | Baimo |  | B339ARX120-SR | 1 | \$820.00 | 58\% | \$344.40 |
| B3399ARX24.3 | Balimo |  | в $339+$ AR 224.3 | 1 | \$644.00 | 58\% | \$270.48 |
| B339+ARX24.3.5 | Baimo |  | в339+A8×24.3.S | 1 | \$73.00 | 58\% | \$295.26 |
| B339+A8×243-T | Baimo |  | B339ARX243-T | 1 | \$631.00 | 58\% | \$265.02 |
| вз399ARX24MET | Belimo |  | вз39AAR24-MFT | 1 | \$847.00 | 58\% | \$355.74 |
| B339-AR24-MET95 | Balimo | 3-way CCV, SS Timm, 1-1/2\%; Cv 29 with Non-Sping Reuum, 880 in-lb, MFT, 24V | B339AAR24 ${ }^{\text {M/FT95 }}$ | 1 | \$945.00 | 58\% | \$396.90 |
| в339ARX24-MFT-TN4 | Belimo |  | в339ARX24MFT-TN4 | 1 | \$1,134.00 | 58\% | \$476.28 |
| в339AARX4-Mfт-TNaH | Baimo | 3 3.way CCV, SS Tim, 1-1/2\%", CV 29 with Non-Sping Reuum, 880 in-b, MFT, 24V | B339AARX4-MFT-TN4H | 1 | \$1,492.00 | 58\% | \$626.64 |
| ${ }^{\text {B3394ARX24.PC }}$ | Balimo |  | B339+ARX24.PC | 1 | \$945.00 | 58\% | \$396.90 |
| B339+ARX24.SR | Balimo |  | B339+ARX24.SR | 1 | \$787.00 | 58\% | \$330.54 |
| B339AAR24-SR-T | Baimo |  | B339AAR24-SR-T | 1 | \$775.00 | 58\% | \$325.50 |
| в340+AFB824 | Baimo |  | в340+AFB824 | , | \$830.00 | 58\% | \$348.60 |
| B340+AFB824.S | Baimo |  | B340+AFB824.S | 1 | \$925.00 | 58\% | \$388.50 |
| B330AAFRB24-SR | Belimo | 3 3.way CCV, SS Timm, 1-1/2", Cv 37 with Sping Reuum, 880 in-lb, 2-10 vod,24V | B340+AFR824-SR | 1 | \$997.00 | 58\% | \$418.74 |
| B340+AFRBup | Baimo |  | B340AAFBbup | 1 | \$891.00 | 58\% | \$374.22 |
| B340AFRBup-S | Beimo |  | B340+AFRBUP-S | 1 | \$980.00 | 58\% | \$411.60 |
| B340+AFRX24 | Belimo | 3.way CCVV, SS Tim, 1-1/2", Cv 37 with Spring Retur, 180 in-mb, Onoft, 24V | ${ }^{\text {B340+AFRX24 }}$ | 1 | \$830.00 | 58\% | \$338.60 |

The scope of this contract includes the following
Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated icroprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Eqionent such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
Integrated BAS/EMS/IItegrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor
 platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

Integrated Microprocessor-Based HVAC Equipmen

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he

Factory Installed/Factory-Provided micro-processor--controlled included/controte I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose I, Telecommincations, Networkng Cabing,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Mootel Number |  | Proctuct Desariplion | Producl code | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, | List Pice |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B340+AFRX24MFT | Beimo |  | B340+AFRX24MFT | 1 | \$1,033.00 | 58\% | \$433.86 |
| B340+AFRX24MFT95 | Beimo |  | B340+AFRX24-MFT95 | 1 | \$1,044.00 | 58\% | \$438.48 |
| B340+AFRX24-MF-S | Baimo |  | B340+AFRX24MfT-S | , | \$1,123.00 | 58\% | \$471.66 |
| B340+AFRX24.S | Beimo | 3.way CCV, SS Tim, 1-1/2", C C 37 with Spring Retur, 180 in-ib, Onoftr,24V | B340+AFRX24.S | 1 | \$925.00 | 58\% | \$388.50 |
| B330+AFRK24.SR | Beimo |  | B340+AFRX24.SR | 1 | \$997.00 | 58\% | \$418.74 |
| B340afrrup | Balimo |  | B340+AFRXUP | 1 | \$891.00 | 58\% | \$374.22 |
| B340+AFrxup-s | Belimo |  | B340+AFrxup-s | , | \$980.00 | 58\% | \$411.60 |
| B340+ARB120.3 | Baimo |  | B340 ARB120.3 | 1 | \$682.00 | 58\% | \$286.44 |
| B390+A8B120-SR | Beimo |  | B300+ARB120-SR | 1 | \$736.00 | 58\% | \$309.12 |
| B340+AB824.3 | Beimo |  | B340+ABB24.3 | 1 | \$646.00 | 58\% | \$271.32 |
| ${ }^{8340+A 88243.5}$ | Beimo |  | B340+A8B24.3.5 | 1 | \$70.00 | 58\% | \$296.10 |
| B340ARB243-T | Beimo |  | в340+A8B24.3.T | 1 | \$633.00 | 58\% | \$265.86 |
| B340+AB824.3.TN4 | Beimo |  | B340+AB824.3.TN4 | 1 | \$933.00 | 58\% | \$391.86 |
| B340AAB824.3.TN4H | Beimo |  | B340AAB824.3. N4H | 1 | \$1,325.00 | 58\% | \$556.50 |
| B300AB824MFT | Beimo |  | B300AB824-MFT | 1 | \$851.00 | 58\% | \$357.42 |
| B340+ARB24-SR | Beimo |  | B340+A8B24-SR | 1 | \$791.00 | 58\% | \$332.22 |
| B340AAB24-SR-T | Belimo |  | B330AAB24-SR.T | 1 | \$779.00 | 58\% | \$327.18 |
| B340+ABB24SR-TN4 | Beimo |  | B340+ABB24-SR-TN4 | 1 | \$1,072.00 | 58\% | \$450.24 |
| B340+ARB24.4RTT NaH | Beimo |  | B340+A8824-SRTT T N4H | 1 | \$1,430.00 | 58\% | \$600.60 |
| B340+ARX120.3 | Beimo |  | B340+ARX120.3 | 1 | \$682.00 | 58\% | \$286.44 |
| B330+ARX120.SR | Beimo |  | B300ARX120.SR | 1 | \$736.00 | 58\% | \$309.12 |
| B340+ARX24.3 | Beimo |  | B340+ABX24.3 | 1 | \$646.00 | 58\% | \$271.32 |
| B340+ARX243.S | Beimo |  | B340+ARX24.3.S | 1 | \$705.00 | 58\% | \$296.10 |
| B340+ARX24.4.T | Beimo |  | в390+A8X24.4.T | 1 | \$633.00 | 58\% | \$265.86 |
| B330AARX24MET | Belimo |  | B340AARX24MFT $^{\text {a }}$ | 1 | \$851.00 | 58\% | \$357.42 |
| B340-AR24-M-T95 | Beimo |  | B340+AR24-MET95 | 1 | \$951.00 | 58\% | \$399.42 |
| В330+ARX24-MT-TN4 | Baimo |  | B340+ARX24MF-TN4 | 1 | \$1,136.00 | 58\% | \$477.12 |
| B340+ARX24MFT-TN4H | Baimo |  | B340+AR24-MFT-TN4H | 1 | \$1,494.00 | 58\% | \$627.48 |
| B340+ARX24.PC | Beimo |  | ${ }^{\text {B }} 40+\mathrm{AR} \times 24 . \mathrm{PC}$ | 1 | \$951.00 | 58\% | \$399.42 |
| B340+ARX24.SR | Beimo |  | B340+ARX24-SR | , | \$791.00 | 58\% | \$332.22 |
| B340+ARX24-SR-T | Baimo |  | B330+ARX24.SR-T | 1 | \$779.00 | 58\% | \$327.18 |
| B341+AFRB24 | Belimo |  | B341+AFRB24 | , | \$989.00 | 58\% | \$415.38 |
| B341+AFR824-S | Beimo |  | B341+AFR824S | 1 | \$1,085.00 | 58\% | \$455.70 |
| B341+AFR824.SR | Beimo | 3.way CCV, SS Timm, 1-1/2\%; Cr 46 with Sping Reutr, 880 in-lb, 2-10 Voc,24V | B341+AFB824.SR | , | \$1,169.00 | 58\% | \$490.98 |
| B341+AFRBup | Beimo |  | B341+ARRBup | + | \$1,047.00 | 58\% | \$439.74 |
| B341+AFRBup. | Beimo |  | B341+AFRBup.S | 1 | \$1,140.00 | 58\% | \$478.80 |
| B341+AFFX24 | Balimo |  | B331+AFRX24 | 1 | \$989.00 | 58\% | \$415.38 |
| B341+AFRX24.MFT | Beimo |  | B341+AFRX24MFT | , | \$1,203.00 | 58\% | \$505.26 |
| B341+AFFX24MFT95 | Belimo | 3.way CCV, SS Timm, 1-1/2\%; Cr 46 with Sping Reutr, 880 in-lb, MFT, 24V | B341+AFRX24MFT95 | 1 | \$1,206.00 | 58\% | \$506.52 |
| B341+AFPX24MFT-S | Beimo |  | B341+AFPx24-MfT-S | , | \$1,290.00 | 58\% | \$541.80 |
| B341+AFRX24.S | Baimo | 3.way CCV, SS Trim, 1-1/2", Cr 46 with Sping Retur, 180 in-lb, Onotit,24V | B341+AFRX24S | , | \$1,085.00 | 58\% | \$455.70 |
| B341+AFR24.SR | Beimo |  | ${ }^{\text {B34 }}$ +AFRX24.SR | 1 | \$1,169.00 | 58\% | \$490.98 |
| B341+AFRXUP | Baimo |  | B341+AFRXUP | 1 | \$1,047.00 | 58\% | \$439.74 |
| B341+AFFxup ${ }^{\text {S }}$ | Beimo |  | B341+AFrxup ${ }^{\text {S }}$ | 1 | \$1,140.00 | 58\% | \$478.80 |
| B341+ARB120.3 | Beimo |  | B341+ABB120.3 | 1 | \$686.00 | 58\% | \$288.12 |
| ${ }^{\text {B341+ARB120.SR }}$ | Baimo |  | ${ }^{\text {B341+ARB120.SR }}$ | 1 | \$891.00 | 58\% | \$374.22 |
| B341+AB824-3 | Beimo |  | B341+AB824-3 | 1 | \$650.00 | 58\% | \$273.00 |
| B341+AR824.3.S | Beimo |  | B341+AR824.3.S | 1 | \$707.00 | 58\% | \$296.94 |
| ${ }_{\text {B341+ARB24-T, }}$ | Beimo |  | B341+A8B24.3.T | 1 | \$635.00 | 58\% | \$266.70 |
| B341+AR824-3. Na | Beimo |  | B344+AB824-3. Na | 1 | \$935.00 | 58\% | \$392.70 |
| B341+AR824.3.TNHH | Beimo |  | B341+AB824.3.TN4H | 1 | \$1,327.00 | 58\% | \$557.34 |
| B341+AB824MFT | Beimo |  |  | , | \$855.00 | 58\% | \$359.10 |
| B341+ABB24.SR | Beimo |  | B341+ARB24-SR | 1 | \$796.00 | 58\% | \$334.32 |
| B341+AAB24-SR-T | Beimo |  | B341 AAB84-SR-T | 1 | \$783.00 | 58\% | \$328.86 |
| B341+ARB24-SR-T T 4 | ${ }^{\text {Baimo }}$ |  | B341+ARB24.SR-TN4 | 1 | \$1,081.00 | 58\% | \$454.02 |
| B331+AAB24-SRTT NaH | Baimo |  | B341+ABB24.SR.T T NaH | 1 | \$1,439.00 | 58\% | \$604.38 |
| B341+AASX120.3 | Baimo |  | ${ }^{8341+A A X X 120.3}$ | 1 | \$686.00 | 58\% | \$288.12 |
| $B^{344+A R X 120 . S R ~}$ | Beimo | 3.way CCV, SS Tim, 1-1/2", Cr 46 with Non-Sping Reumm, 180 inibl, 2.10 V VC, 120 to 240 V | B341+ARX $20 . S 8^{\text {a }}$ | 1 | \$891.00 | 58\% | \$374.22 |
| B344+ABX24-3 | Beimo |  | B344+ARX243 | 1 | \$650.00 | 58\% | \$273.00 |
| B341+ARX24.3.T | Beimo |  | B341+ARX24.3.T | 1 | \$635.00 | 58\% | \$266.70 |
| B341 + ARX24MrT $^{\text {a }}$ | Beimo |  | B341+ARX24-MFT | , | \$855.00 | 58\% | \$359.10 |
| B341+ARX24-MFT95 | Beimo |  | B341+ARX24MFT95 | 1 | \$957.00 | 58\% | \$401.94 |
| B341+AR24-M\|-TTn4 | Beimo |  | B341+ARX24-MF-TN4 | 1 | \$1,142.00 | 58\% | \$479.64 |
| B341+ARX24MFT-TN4H | Beimo |  | B341+AR24-MFT-TN4H | 1 | \$1,500.00 | 58\% | \$630.00 |
| B344+AR24.SR | Beimo |  | ${ }^{\text {B341+ARX24-SR }}$ | 1 | \$796.00 | 58\% | \$334.32 |
| B341+ARX24-SR-T | Beimo |  | B341+AR24.SRRT | 1 | \$783.00 | 58\% | \$328.86 |
| ${ }^{\text {B347+AFRB24 }}$ | Baimo |  | ${ }^{\text {B347 }}$ AfRB24 | 1 | \$1,166.00 | 58\% | \$489.72 |
| B347-AFB824-S | Baimo |  | B347-AFR824-S | 1 | \$1,263.00 | 58\% | \$530.46 |
| B3477AFRB24.SR | Baimo |  | B347AAFB824-SR | 1 | \$1,326.00 | 58\% | \$556.92 |
| B347-AFRBup | Beimo |  | B347-AFRBUP | 1 | \$1,230.00 | 58\% | \$516.60 |
| B347+AFBBup-S | Belimo |  | B347+AFRBUP-S | 1 | \$1,320.00 | 58\% | \$554.40 |
| ${ }_{\text {B347 AFRX24 }}$ | Baimo | 3.way CCV, SS Tim, 2", Cv 29 with Sping Reuum, 180 in-lb, Onofiti, 24 V | ${ }_{\text {B347 }}{ }^{\text {AFRX24 }}$ | 1 | \$1,166.00 | 58\% | \$489.72 |
| B347-AFPX24MMT | Beimo |  | B347-AFRX24-MFT | 1 | \$1,363.00 | 58\% | \$572.46 |
| в347-AFRX24MFT95 | ${ }^{\text {Beimo }}$ | 3 -way CCV, SST Tim, 2\%: CV2 29 with Spping Reumn, 180 inibl, MFT, ,24V | B347-AFRX24-MFT95 | 1 | \$1,369.00 | 58\% | \$574.98 |
| B347-AFFX24-MFT-S | Baimo | 3 .way CCV, SS Tim, 2 \%, CV2 29 with Spping Reumm, 180 in.lb, MFT, ,24V | B347-AFRX24-MfT-S | 1 | \$1,455.00 | 58\% | \$611.10 |
| B347-AFRX24S | Beimo |  | B347-AFFX24S | 1 | \$1,263.00 | 58\% | \$530.46 |
| B3377AFRX24.SR | Beimo |  | B347AAFR24-SR | 1 | \$1,326.00 | 58\% | \$556.92 |
| B447AFRXUP | Beimo |  | B347-Afrxup | 1 | \$1,230.00 | 58\% | \$516.60 |
| B347-AFRXUP.S | Beimo |  | B347-AFRXup-S | 1 | \$1,320.00 | 58\% | \$554.40 |
| B347-ARB120.3 | Beimo | 3.wey CCV, SS Trim, 2 r, Cv 29 with Non-Spring Relum, 180 inlb, OOnOtiffroating, 120 to 240 V | B347-ARB120.3 | 1 | \$895.00 | 58\% | \$375.90 |
| B347ARB120.SR | Beimo |  | B347AABB120.SR $^{\text {a }}$ | 1 | \$1,015.00 | 58\% | \$426.30 |
| B347-A8B24.3 | Beimo |  | B347-A8824-3 | , | \$859.00 | 58\% | \$360.78 |
| B347-A8824.3.S | Beimo |  | в347-A8B24.3.5 | , | \$998.00 | 58\% | \$385.56 |
| B347-A8824.3.T | Belimo |  | в347+A8B24.3.T | 1 | \$847.00 | 58\% | \$355.74 |
| B347-AB824-3.TN4 | Beimo |  | B347-AB824-3.TN4 | , | \$1,146.00 | 58\% | \$481.32 |
| в3477ARB24.3.T N4H | ${ }^{\text {Beimo }}$ |  | B347-A8B243.7. NAH | 1 | \$1,535.00 | 58\% | \$644.70 |
| B3474A8824MFT | ${ }^{\text {Baimo }}$ |  | B3474A8824-MFT | 1 | \$1,035.00 | 58\% | \$434.70 |
| ${ }^{\text {B347 AR8824-SR }}$ | Beimo |  | ${ }^{\text {B347-ARB24-SR }}$ | 1 | \$980.00 | 58\% | \$411.60 |
| B347+AR824-SR-T | Beimo |  | B347-ARB24-SR-T | , | \$965.00 | 58\% | \$405.30 |
| ${ }^{\text {B347-ARB24SRTTN4 }}$ | Belimo |  | B347-ARB24-SRPTN4 | 1 | \$1,265.00 | 58\% | \$531.30 |

The scope of this contract includes the following:
Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Hcroprocessor-Controncd

 commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
Integrated BAS/EMS/IItegrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similiar device, which utiize certain proiocos (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

Integrated Microprocessor-Based HVAC Equipment;

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, howers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he

Factory Installed/Factory-Provided micro-processor--controlled included/controte $/$ /O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose 1 , Telecommications, Networking Cabling,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Model Number <br> $3347+$ RB24-SR-T N4H |  | Product Descriplion | Foduct Code | "Warranty Period - \# of year(s) afteracceptance as required by Appendix B,Clause 54" | Heterice | \% Discome | NYS Nel Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |
|  |  |  | B337-AAB24-SR-T N4H | 1 | \$1,623.00 | 58\% | \$681.66 |
| B347+ARX120.3 | Beimo |  | B3477ARX120.3 | 1 | \$895.00 | 58\% | \$375.90 |
| B3377ARX120.SR | Beimo |  | B377ARX120.SR | 1 | \$1,015.00 | 58\% | \$426.30 |
| B347-A8×24-3 | Beimo |  | B347-ARX24.3 | 1 | \$859.00 | 58\% | \$360.78 |
| B347-A8X243-T | Belimo |  | B347-A8X243-T | , | \$847.00 | 58\% | \$355.74 |
| B347AARX24-MFT $^{\text {a }}$ | Beimo |  | B3377ARX24MFT | 1 | \$1,035.00 | 58\% | \$434.70 |
| B347-AR24-MET95 | Belimo | 3 -way CCV, SS Timm, 2 ", Cv 29 with Non-Sping Retur, 80 inlb, Mer, 24 V | B347-ARX24MET95 | , | \$1,138.00 | 58\% | \$477.96 |
| B337-AR244Mf-TN4 | Beimo | 3 -way CCV, SS TTim, 2 ", Cv 29 with Non-Sping Retur, 160 in-b, M, MF, 24 V | B347-ARX24-MFT.TN4 | 1 | \$1,320.00 | 58\% | \$554.40 |
| B347ARX24MFT-TN4H | Beimo | 3 -way CCV, SS TTim, 2 ", Cv 29 with Non-Spring Retur, 80 in-l, M, MF, 24 V | B347ARX24-MfT-TNAH | 1 | \$1,678.00 | 58\% | \$704.76 |
| B347+ARX24.SR | Beimo |  | ${ }^{\text {B347+ARX24 }}$-SR | 1 | \$980.00 | 58\% | \$411.60 |
| B347-AAK24.SR-T | Belimo |  | B347-ARX24-SR-T | , | \$965.00 | 58\% | \$405.30 |
| B348+AFRB24 | Beimo |  | ${ }^{\text {B348+AFRB24 }}$ | 1 | \$1,169.00 | 58\% | \$490.98 |
| B348+AFR824-S | Belimo |  | B348AFARB24-S | 1 | \$1,265.00 | 58\% | \$531.30 |
| B338+AFR824.SR | Belimo |  | B338+AFRB24.SR | , | \$1,328.00 | 58\% | \$557.76 |
| B348+AFRBUP | Beimo |  | B348+AFRBuP | 1 | \$1,233.00 | 58\% | \$517.86 |
| B348+AFRBUPS | Beimo |  | B348+AFRBUP.S | 1 | \$1,324.00 | 58\% | \$556.08 |
| B348+AFRX24 | Beimo |  | B348+AFRX24 | 1 | \$1,169.00 | 58\% | \$490.98 |
| B348AAFRX24MFT | Belimo |  | B348+AFRX24MFT | , | \$1,366.00 | 58\% | \$573.72 |
| в348+AFRX24-MFT95 | Beimo |  | B348+AFRX24-MFT95 | 1 | \$1,371.00 | 58\% | \$575.82 |
| B348A-AFRX24-MF-S | Belimo |  | B348+AFRX24-MFT-S | 1 | \$1,457.00 | 58\% | \$611.94 |
| B348+AFPX24.S | Belimo | 3 3.way CCV, SS Tim, 2 ", Cv 37 with Sping Reum, 188 imblb , Onolt, 24 V | B348+AFFX24S | 1 | \$1,265.00 | 58\% | \$531.30 |
| B338+AFR224.SR | Belimo |  | B338+AFRX24.SR | 1 | \$1,328.00 | 58\% | \$557.76 |
| B348+AFRXUP | Beimo |  | B348+AFRXUP | 1 | \$1,233.00 | 58\% | \$517.86 |
| B348+AFRxup-S | Beimo |  | B348+AFrxup S | 1 | \$1,324.00 | 58\% | \$556.08 |
| B348+ARB120.3 | Belimo |  | B348+ARB120.3 | , | \$898.00 | 58\% | \$377.16 |
| ${ }^{\text {B348+ARB120.SR }}$ | Belimo | 3 -way CCV, SS Tim, 2 ", CV 37 with Non-Spring Reum, 180 in-w, , 2-10 V VC, 120 to 240 V | B348+ARB120.SR | 1 | \$1,017.00 | 58\% | \$427.14 |
| B348+AB824.3 | Beimo |  | B348+AB824.3 | 1 | \$861.00 | 58\% | \$361.62 |
| B348+A8B24-3.5 | Belimo |  | B348+A8824-3. ${ }^{\text {S }}$ | 1 | \$920.00 | 58\% | \$386.40 |
| B348+A8B24.3.T | Beimo |  | B348+ARB24.3.T $^{\text {T }}$ | 1 | \$849.00 | 58\% | \$356.58 |
| B348+AB8243.7 Na | Beimo |  | B348+AB824-3. Na | 1 | \$1,148.00 | 58\% | \$482.16 |
| B348 ARB24 $^{\text {a }}$ - NAH | Belimo |  | B348+A8B24-3.7NH | 1 | \$1,537.00 | 58\% | \$645.54 |
| B398+A8B24MFT | Beimo |  | B3388AR824MFT | 1 | \$1,037.00 | 58\% | \$435.54 |
| ${ }^{\text {B348+ARB24-SR }}$ | Belimo |  | ${ }^{\text {B348+ARB24-SR }}$ | 1 | \$982.00 | 58\% | \$412.44 |
| B348+AR824-SR-T | Belimo |  | B338+ARE24-SR-T | 1 | \$967.00 | 58\% | \$406.14 |
| B338+AR824.SR.T N4 | Belimo |  | B348+ARB24-SR-TN4 | 1 | \$1,267.00 | 58\% | \$532.14 |
| B338+ARB24SR.T NaH | Belimo | 3.way CCV, SS Tim, 2 ", CV 37 with Non-Spring Reumm, 180 intb, ,2-10 voc, 24 V | B338+ARB24.SR-T TN4 | 1 | \$1,625.00 | 58\% | \$682.50 |
| B348+ARX120.3 | Belimo |  | B348+ARX120.3 | 1 | \$888.00 | 58\% | \$377.16 |
| ${ }^{\text {B34 }}$ +ARX120.SR | Beimo |  | ${ }^{\text {B34 }}$ +ARX120.SR | 1 | \$1,017.00 | 58\% | \$427.14 |
| B348+ARX24.3 | Belimo |  | B348+AR224.3 | 1 | \$861.00 | 58\% | \$361.62 |
| B348+ARX24.3.5 | Beimo |  | B348+ARX24.3.5 | 1 | \$861.00 | 58\% | \$361.62 |
| B348+ARX24.3.T | Beimo |  | B348+ARX24.4.T | 1 | \$849.00 | 58\% | \$356.58 |
|  | Belimo |  | ${ }^{\text {B388+ARX24-M/T }}$ | 1 | \$1,037.00 | 58\% | \$435.54 |
| B348+AR24-M/FT95 | Beimo |  | B348+ARX24MFT95 | 1 | \$1,159.00 | 58\% | \$486.78 |
| B338+AAK24.MeT-TN4 | Belimo |  | B348+ARX24-MFT.TN4 | 1 | \$1,324.00 | 58\% | \$556.08 |
| B348+ARX24MFT-TN4H | Beimo |  | B348+ARX24-MFT-TNAH | 1 | \$1,682.00 | 58\% | \$706.44 |
| ${ }_{\text {B348 }}$ ARX $24 . \mathrm{PC}$ | Belimo |  | ${ }^{\text {B348+ARX24.PC }}$ | 1 | \$1,159.00 | 58\% | \$486.78 |
| B348+ARX24-SR | Belimo |  | B348+ARX24-SR | 1 | \$982.00 | 58\% | \$412.44 |
| B338+ARX24-SRRT | Beimo |  | B348+AAX24-SR-T | 1 | \$967.00 | 58\% | \$406. 14 |
| ${ }^{\text {B349AAFBB24 }}$ | Belimo |  | B349AFRB24 | 1 | \$1,171.00 | 58\% | \$491.82 |
| B399+AFB824-S | Belimo |  | B399AFR824-S | 1 | \$1,265.00 | 58\% | \$531.30 |
| B399AAFB824.SR | Belimo | 3.way CCV, SS Tim, 2; CV 46 with Spring Reurn, 80 intib, $2 \cdot 10$ vod, 24 V | B399AAFB824.SR | 1 | \$1,330.00 | 58\% | \$558.60 |
| B399AFRBUP | Belimo |  | B394AAFBuIP | 1 | \$1,233.00 | 58\% | \$517.86 |
| B349AARBuppes | Belimo |  | B399+AFBbup-S | 1 | \$1,324.00 | 58\% | \$556.08 |
| B399+AFRX24 | Belimo |  | B349AFRX24 | 1 | \$1,171.00 | 58\% | \$491.82 |
| B399AAFRX24MFT | Beimo |  | B399+AFRX24M-T | 1 | \$1,368.00 | 58\% | \$574.56 |
| в349+AFRX24MFT95 | Belimo |  | в349+AFRX24-MFT95 | 1 | \$1,373.00 | 58\% | \$576.66 |
| B399AFARX24-MF-S | Belimo |  | B349AFFR24.MFT-S | 1 | \$1,459.00 | 58\% | \$612.78 |
| B349+AFRX24S | Belimo |  | B399AFFR24. | 1 | \$1,265.00 | 58\% | \$531.30 |
| B399AAFR24.SR | Beimo |  | B349AAFR24-SR | 1 | \$1,330.00 | 58\% | \$558.60 |
| B399AFRXUP | Beimo |  | B399AFRXUP | 1 | \$1,233.00 | 58\% | \$517.86 |
| B399+AFRxup-S | Belimo |  | B399+AFRXUP.S | 1 | \$1,324.00 | 58\% | \$556.08 |
| B349ARB120.3 | Belimo |  | B349ARB120.3 | 1 | \$898.00 | 58\% | \$377.16 |
| В349+A8B120.SR | Beimo |  | ${ }^{\text {B499+ARB120.SR }}$ | 1 | \$1,019.00 | 58\% | \$427.98 |
| B349+AB824-3 | Beimo |  | B399+AR824-3 | 1 | \$861.00 | 58\% | \$361.62 |
| B349+AB824.3.5 | Belimo |  | B349AR824-3.5 | 1 | \$920.00 | 58\% | \$386.40 |
| B399+A8B24.3.T | Beimo |  | B399+A8824.3.T | 1 | \$849.00 | 58\% | \$356.58 |
| B3499AB824.3.TN4 | Beimo |  | B399+AB824.3.TN4 | 1 | \$1,150.00 | 58\% | \$483.00 |
| B399+A8B24.3.7NHH | Beimo |  | B399+A8B24.3.7NaH | 1 | \$1,539.00 | 58\% | \$646.38 |
| B399AAB824MFT | Beimo |  | B3999AB824MFT | 1 | \$1,037.00 | 58\% | \$435.54 |
| B349AAB824-SR | Beimo |  | B349+A8B24-SR | 1 | \$986.00 | 58\% | \$414.12 |
| B399AAB24-SR.T | Belimo |  | B349AAB82-SR.T | 1 | \$969.00 | 58\% | \$406.98 |
| B349+AB624SR.TN4 | Belimo |  | в349+ABB24-SR.T T4 | 1 | \$1,273.00 | 58\% | \$534.66 |
| B349AAB824SR.TN4H | Beimo | 3 -way CCV, SS Tim, 2 ", Cv 46 with Non-Sping Reumm,180 in-b, 2.110 voc, 24 V | B399ARB24-SR-TNAH | 1 | \$1,631.00 | 58\% | \$685.02 |
| B399+ARX120.3 | Belimo |  | B349+ARX120.3 | 1 | \$898.00 | 58\% | \$377.16 |
| B399AR4120.SR | Beimo |  | B3999ARX120.SR | 1 | \$1,019.00 | 58\% | \$427.98 |
| B349+ARX24.3 | Belimo |  | B349+AR224.3 | 1 | \$861.00 | 58\% | \$361.62 |
| B399+ARX24.3.5 | Beimo |  |  | 1 | \$920.00 | 58\% | \$386.40 |
| B399+A8×24.3.T | Beimo |  | B349+ARX24-T | 1 | \$849.00 | 58\% | \$356.58 |
| B399AAR>24MeT | Belimo |  | ${ }^{\text {B399AAR } 24-M / T}$ | 1 | \$1,037.00 | 58\% | \$435.54 |
| B349ARAR24-MFT95 | Belimo |  | B399AAR24-MET95 | 1 | \$1,162.00 | 58\% | \$488.04 |
| B399AAR24-Mf-T T 4 | Beimo |  | B349+ARX24.MFT.TN4 | 1 | \$1,326.00 | 58\% | \$556.92 |
| B349+ARX24MFT-T T N4H | Belimo |  | B349ARAX24-MFT-TN4H | 1 | \$1,684.00 | 58\% | \$707.28 |
| B399+ARX24.PC | Belimo |  | ${ }^{\text {B349+AR } \times 24 . P \mathrm{C}}$ | 1 | \$1,162.00 | 58\% | \$488.04 |
| ${ }^{\text {B349+AR } \times 24.5 R}$ | Belimo |  | ${ }^{\text {B349+ARX24.SR }}$ | 1 | \$986.00 | 58\% | \$414.12 |
| B349AAR 2 - 4 SR T T | ${ }^{\text {Belimo }}$ |  | B349AAR 2 - 4 SR T T | 1 | \$969.00 | 58\% | \$406.98 |
| B330AAFB24 | Belimo |  | B350AfRB24 | 1 | \$1,176.00 | 58\% | \$493.92 |
| B350+AFRB24-S | Beimo |  | B350+AFRB24. | , | \$1,267.00 | 58\% | \$532.14 |
| B350 + AFB824.SR | Beimo |  | B350AARB24-SR | 1 | \$1,340.00 | 58\% | \$562.80 |
| B350AAFBUUP | ${ }^{\text {Belimo }}$ |  | ${ }_{\text {B350 A ARbuy }}$ | 1 | \$1,236.00 | 58\% | \$519.12 |
| ${ }^{\text {B350+AFRBup-S }}$ | Belimo |  | B350AAFBbup-s | 1 | \$1,326.00 | 58\% | \$556.92 |
| B350+AFFX24 B350AFRX24MFT | Belimo Beimo |  | $\underset{\text { B330-AFRX24 }}{\text { B350AFRX24-MET }}$ | 1 | \$1,176.00 | 58\% | ${ }_{\$ 493.92}$ |
| B350AAFR24MFT |  | 3 -way CCV, SS Tim, 2 \% C C 57 w with Sping Reumm, 80 inibl, MFT, ,24V | B350AAFXX24MFT | 1 | \$1,373.00 | 58\% | \$576.66 |

The scope of this contract includes the following
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and in integrated with the Integrated icroprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Itegrated Microprocessor-Controlled HVAC Eqipment such as Chillers, Rooftop Units, Boilers, Air Handers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mouted HVAC Equipment.
 commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
Integrated BAS/EMS/IItegrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pane (HAP), and/or other similar device, which uilize certain profochs (e.g. BACNe, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
. Factory Installed/Factory-Provided micro-processor--controlled included/contemote I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
B. Gurio

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following
Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and in integrated with the Integrated Hcroprocessor-Controled
3. Integrated Microprocessor-Controled HVAC Eqionet sued Syster,

Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and , Sy Stem to allow the Building Automation System or Energy Management System to monitor the performance of these commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
ff Integrated Microprocessor-Based HVAC Equipment;

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs Showers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he

Factory Installed/Factory-Provided micro-processor--controlled included/coreme $/ / O$ modules, etc. which are not
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxia \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. Gudi-Vide

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

|  |  |  |  | $\begin{gathered} \text { "Warranty Period - \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54 \text { " } \end{gathered}$ | List Price | \% Discoumt | Vs Net Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B352+ARX24.3.T | Balimo |  | ${ }^{\text {B352+ARX243-T }}$ | 1 | \$867.00 | 58\% | \$364.14 |
| B352+AR24-MFT | Balimo |  | B332+AR24-MFT | 1 | \$1,051.00 | 58\% | \$441.42 |
| B3352+AR24-M/T95 | Baimo |  | B352+ARX24MFT95 | 1 | \$1,154.00 | 58\% | \$484.68 |
| B332-ARX24-Mf-TN4 | Beimo |  | B352AAR24-MfTTTN4 | 1 | \$1,336.00 | 58\% | \$561.12 |
| B352+ARX24MFT-TN4H | Balimo |  | B352+ARX24MFT-TN4H | 1 | \$1,694.00 | 58\% | \$711.48 |
| ${ }^{\text {B352+ARX24-SR }}$ | Belimo |  | B352+ARX24-SR | 1 | \$1,003.00 | 58\% | \$421.26 |
| B352+ARX24SR-T | Beimo |  | B332+ARX24-SR.T | 1 | \$988.00 | 58\% | \$414.96 |
| B62500.070+AFRB224.5-14 | Belimo |  | B62505-070+AFFR224.5-14 | 1 | \$1,708.00 | 58\% | \$717.36 |
| B62505. $07+$ +AFRB24-5.514 | Balimo |  | B62505-070+AFRB24-5.5.14 | 1 | \$1,772.00 | 58\% | 44.24 |
| B62500.070+AfRBUP.5.5.14 | Baimo |  | B6250S.070-AfRBUPP. 5.14 | 1 | \$1,737.00 | 58\% | \$729.54 |
| B62509-070+AFRBuP.S.5. 14 | Baimo |  | B6250-.770AAFRBUP.S.5. 14 | 1 | \$1,826.00 | 58\% | \$766.92 |
| B62509.070-AFRK24 | Beimo |  | B6250S-070AAFRK24 | 1 | \$1,708.00 | 58\% | \$717.36 |
| B6250S.070AAFRX24-MTT | Belimo |  | B6250. 070 +AFRX24.MFT | 1 | \$1,923.00 | 58\% | \$807.66 |
| B6250-070+AFRX24MFT-S | Baimo |  | B6250-0.70+AFRX24MFT.S | 1 | \$2,014.00 | 58\% | \$845.88 |
| ${ }^{862505-070+A F R X 24 . S}$ | Baimo |  | ${ }^{\text {B62505-070+AFR } 24.5}$ | 1 | \$1,772.00 | 58\% | \$744.24 |
| B6250-0.70+AFRXUP | Beimo |  | B62509.-70+AfRXUP | 1 | \$1,737.00 | 58\% | \$729.54 |
| B6250S-070AAFRXUP.S | Baimo |  | B62505-070AAFxup.S | 1 | \$1,826.00 | 58\% | 66.92 |
| B62509-.70+AAB824.3.5.14 | Beimo | 2.5" 2 W Stainless Steel Ball and Stem, $\mathrm{Cv}=70$ with Non-Spring Return, $180 \mathrm{in}-\mathrm{lb}$ On/Off/Floating,24V | B62509-070AAB824.3.5.14 | 1 | \$1,676.00 | 58\% | . 92 |
| B6250--770+ARB24MFT-514 | Balimo |  | B6250S-070ARB24-MFT-5-14 | 1 | \$1,830.00 | 58\% | \$768.60 |
| B62505-070+ARX120.3 | Belimo | $2.5 " 2 \mathrm{~W}$ Stainless Steel Ball and Stem, $\mathrm{CV}=70$ with Non-Spring Return, 180 in-lb IOn/Off/Floating, 120 to 240 V | 86250-070+ARx 120.3 | 1 | \$1,710.00 | 58\% | 18.20 |
| B62505-070+AR 24.3 .5 | Belimo |  | B62505-070+AR 24.3 .5 | 1 | \$1,732.00 | 58\% | \$727.44 |
| B62505-070+ARX24-MFT | Baimo |  | 862505-070+ARX24-MFT | 1 | \$1,786.00 | 58\% | 50.12 |
| B6250S-110+AFR824-5-14 | Beimo |  | B6250S-110AAFRB24.5.14 | 1 | \$1,786.00 | 58\% | \$750.12 |
| B6250-110+AFRB24-5.5.14 | Baimo |  | B6250-110+AFRB24-5.5.14 | 1 | \$1,849.00 | 58\% | \$776.58 |
| B62505-110AAFRBUP.5.14 | Baimo |  | B62505-110+AFRBUP-5.14 | 1 | \$1,820.00 | 58\% | \$764.40 |
| B62505-110AAFRBuP.S.5. 14 | Baimo |  | B6250-110AAFRBUP.S.5. 14 | 1 | \$1,909.00 | 58\% | \$801.78 |
| B6250S-110+AFRK24 | Beimo |  | B6250S-110AAFRX24 | 1 | \$1,760.00 | 58\% | \$739.20 |
| B6250S-110AfRX24.MFT | Belimo |  | B6250-110+AFRX24MFT | 1 | \$1,993.00 | 58\% | \$837.06 |
| B6250-110+AFPX24MFT-S | Belimo |  | B6250-110AAFRX24MFT.S | 1 | \$2,084.00 | 58\% | \$875.28 |
| B66505-110+AFRX24-S | Balimo |  | B62505-110AAFRX24-S | 1 | \$1,849.00 | 58\% | \$776.58 |
| B6250s-110AFARXUP | Baimo |  | B6250S-110AFARXUP | 1 | \$1,820.00 | 58\% | \$764.40 |
| B6250S-110+AFRXUP.S | Balimo |  | B62505-110+AFxup.S | 1 | \$1,909.00 | 58\% | \$801.78 |
| B6250S-110+A8824.3.5.14 | Baimo |  | B62505-110+AR824-3.514 | 1 | \$1,750.00 | 58\% | \$735.00 |
| B6250S-110+ARB24-MFT-5.14 | Baimo |  | B6250S-110AAB824-MFT-5-14 | 1 | \$1,889.00 | 58\% | 3.38 |
| ${ }^{862505-110+A R X 120: 3}$ | Baimo |  | B62505-110+ARX120.3 | 1 | \$1,782.00 | 58\% | 88.44 |
| B62505-110AAR24.3.S | Beimo |  | B6250S-110+ARX24.3.S | 1 | \$1,803.00 | 58\% | 57.26 |
| B6250S. $110+$ ARX24.MFT | Beimo |  | B6250S. $110+$ AR $\times 24$ M M T | 1 | \$1,843.00 | 58\% | \$774.06 |
| B63005-110+AFRB24-5-14 | Beimo |  | B6300S-110+AFRB224.5.14 | 1 | \$1,929.00 | 58\% | \$810.18 |
| B6300s-110+AFRB24.5.5.14 | Beimo |  | B6300S-110AAFBE24-5.5.14 | 1 | \$1,991.00 | 58\% | \$836.22 |
| B6300S-110AAFRBUP.5.14 | Balimo |  | B63005-110+AFRBUP-5.14 | 1 | \$1,955.00 | 58\% | \$821.10 |
| B6300S-110+AFRBuP.S.5. 14 | Belimo | 2.way CCV, Flanged SS Tim 3 ", Cv 110 with Sping Reumr, 188 inibl, Onolt, 2410240 V ( (UP) | B6300S-110AAFRBup.S.5. 14 | 1 | \$2,045.00 | 58\% | \$858.90 |
| B6300s-110AAFR24 | Beimo | 2.way CCV, Flanged SS Trim ${ }^{3}$ ", CV 110 with Spring Reumm,180 in-m, Onotit,24V | B68300S-110AAFRX24 | 1 | \$1,901.00 | 58\% | \$798.42 |
| B63005-110AAFR24-MFT | Balimo | 2.way CCV, Flanged SS Tim 3 ", Cv 110 with Sping Reutr, 880 in-lb, MFT,24V | B6300s-110AAFRX24-MFT | 1 | \$2,195.00 | 58\% | \$921.90 |
| B6300s-110+AFRX24MFT-S | Beimo | 2.way CoV, Flanged SS Timim", Cv 110 with Sping Relum, 180 in-lb, MFT,24V | B6300s-110+AFRX24MFT.S | 1 | \$2,286.00 | 58\% | \$960.12 |
| B6300S-110AAFRX24S | Beimo |  | B6300s-110+AFRX24-S | 1 | \$1,991.00 | 58\% | \$836.22 |
| Bg300s-110AFFRUUP | Balimo |  | BG3005-110AAFAUUP | 1 | \$1,955.00 | 58\% | \$821.10 |
| B6300s-110AAFRup-S | Beimo |  | B6300s-110+AFRUuP.S | 1 | \$2,045.00 | 58\% | \$858.90 |
| B6300s-110 AA8824.3.5.14 | Baimo |  | B6300s-110+AB824.3.5-14 | 1 | \$1,835.00 | 58\% | 70.70 |
| 86300S-110+ABB24-MTT-5-14 | Belimo |  | B6300S-110AAB824-MT-5-514 | 1 | \$2,051.00 | 58\% | \$861.42 |
| B6300S-110+ARX120.3 | Beimo | 2-way CCV, Flanged SS Trim 3", Cv 110 with Non-Spring Return, 180 in-lb ,On/Off/Floating, 120 to 240 V | B6300S-110+AXX120.3 | 1 | \$1,864.00 | 58\% | \$782.88 |
| B6300S-110+ARK24.3.S | Balimo |  | B6300S-110+ARX24 -3.S | 1 | \$1,886.00 | 58\% | \$792 |
| B6300s-110+ARX24-MFT | Beimo |  | B6800s. $110+$ AR $\times 24$ MFT | , | \$2,001.00 | 58\% | \$840.42 |
| B64005-186+AFRB24-5-14 | Baimo |  | B6400S-186+AFRB24-5.14 | 1 | \$2,390.00 | 58\% | \$1,003.80 |
| B6400S-188+AFRB24-S.5.14 | Baimo | 4\%-Way, SS Stem,CV186 with Spring Retur, 180 in-lb, Onvolit,24V | B6400S-186+AFR824-5.5.14 | 1 | \$2,413.00 | 58\% | \$1,013.46 |
| B6400S.186+AFRBUPP.5.14 | Belimo |  | B64005-186+AFRBUP. 5.14 | 1 | \$2,409.00 | 58\% | \$1,011.78 |
| B6600S-186+AFRBUP.S.5. 14 | Belimo |  | B6600S-186+AFRBUP.S.5. 14 | 1 | \$2,467.00 | 58\% | \$1,036.14 |
| ${ }^{\text {B6400S }} 186$ +AFRX24 | Beimo |  | B64009-186+AFRX24 | 1 | \$2,355.00 | 58\% | \$989.10 |
| B6400S-186+AFRX24-MFT | Belimo |  | B6400S-188+APRK24-MFT | 1 | \$2,563.00 | 58\% | \$1,076.46 |
| B6400s-186+AFRX24MFT.S | Baimo | 3",2-Way, Chrome Plated Ball,SS Stem, ANSI 150 Flanged,Cv207 with Spring Return, 180 in-lb ,MFT, 24 V | B6400s-186+AFRX24MFT.S | 1 | \$2,662.00 | 58\% | \$1,118.04 |
| ${ }^{\text {B6400S }-18+A A F R X 24-S}$ | Balimo | 3",2-Way, Chrome Plated Ball,SS Stem, ANSI 150 Flanged,Cv207 with Spring Return, 180 in-lb ,On/Off,24V | ${ }^{\text {B6400S }-18+A F F \times 24-S}$ | 1 | \$2,413.00 | 58\% | \$1,013.46 |
| B6400s-186+AFRXUP | Beimo | 3",2-Way, Chrome Plated Ball,SS Stem, ANSI 150 Flanged,Cv207 with Spring Return, 180 in-lb On/Oft, 24 to 040 V (UP) | B64000 -186AAFRXUP | 1 | \$2,409.00 | 58\% | 1.78 |
| B6400s-186+AFRXUP.S | Beimo | 3",2-Way, Chrome Plated Ball,SS Stem, ANSI 150 Flanged,Cv207 with Spring Return, 180 in-lb On/Ofl:, 24 to 240 V (UP) | B6400s-186+AFRXuP.S | 1 | \$2,467.00 | 58\% | \$1,036.14 |
| B6400S-186+AAB24.4.5.14 | Beimo |  | 866400-186+ARB24-3.5-14 | 1 | \$2,122.00 | 58\% |  |
| B64005-186+AR×120.3 | Beimo |  | ${ }^{\text {B6400S }} 188+$ +AFX 120:3 | 1 | \$2,195.00 | 58\% | \$921.90 |
| B6400s-186+ARX24.3.S | Beimo | 3",2-Way, Chrome Plated Ball,SS Stem, ANSI 150 Flanged,Cv207 with Non-Spring Return, 180 in-lb ,On/Off/Floating,24V | B64009-186+AR224.3.S | 1 | \$2,217.00 | 58\% | \$931.14 |
| B64000-186+ARX24-MFT | Baimo | 3",2-Way, Chrome Plated Ball,SS Stem, ANSI 150 Flanged,Cv207 with Non-Spring Return, 180 in-lb ,MFT,24V | B64009-186+ARX24-MFT | 1 | \$2,276.00 | 58\% | \$955.92 |
| B6500-290+GKRB24-3.5.14 | Balimo |  | B6500s-290+GKRB24-3.5.14 | 1 | \$3,405.00 | 58\% | \$1,430.10 |
| B6500S-290+GKRX24-3 | Baimo |  | B6500s-200 G6KRX24.3 | 1 | \$3,355.00 | 58\% | \$1,409.10 |
| B6500s-200+GKRX24MFT | Beimo |  | B6500s-290+GKRX24.MFT | 1 | \$3,532.00 | 58\% | \$1,483.44 |
|  | Baimo | 2-way CCV,Flanged SS trim 5 ",CV 290 with Non-SSping Return,360 in-lb, On/Otif/Floating, 120 to | B65009-290+G88120:3.5.14 | 1 | \$3,066.00 | 58\% | \$1,287.72 |
| B6500s-290+688224.5.514 | Baimo |  | 86500s-290+68824-35-14 | 1 | \$3,076.00 | 58\% | \$1,291.92 |
| B6500-290+6R× 120.3 | Balimo |  | B6500S-290+68×120:3 | 1 | \$3,066.00 | 58\% | \$1,287.72 |
| B6500 -290+6AX24.3 | Baimo |  | B65009-290+GAK24.3 | 1 | \$3,031.00 | 58\% | \$1,273.02 |
| B65500-290+GRX24.MFT | Baimo |  | B6500-290+G6x24-MFT | 1 | \$3,158.00 | 58\% | \$1,326.36 |
| B66005.400 6 GRB224-35-14 | Balimo |  | B66005-400+GKRB24-3.5.14 | 1 | \$4,235.00 | 58\% | \$1,778.70 |
| B6600s-400+GKRX24-3 | Baimo |  | B66005-400-G6RX24.3 | 1 | \$4,172.00 | 58\% | \$1,752.24 |
| B6600s-400-GKRX24-MFT | Balimo |  | B6600 -400-GKRX24MFT | 1 | \$4,364.00 | 58\% | \$1,832.88 |
| B66005-400+6888120:35-14 | Balimo | 2-way CCV,Flanged SS trim 6 6", CV 400 with Non-SSpring Retur, 360 in-lb, On/otiffiloating, 120 to | B66005-400+688120:35-14 | 1 | \$3,883.00 | 58\% | \$1,630.86 |
| B6600s-400+G8824.4.5.14 | Baimo |  | B6600 -400 G68824.3.5.14 | 1 | \$3,906.00 | 58\% | \$1,640.52 |
| B66005-400+6Fx 120.3 | Balimo |  | B66005-400+6Rx 120.3 | 1 | \$3,883.00 | 58\% | \$1,630.86 |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated icroprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
. Itegrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mouted IVAC Equipment.
 commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
Integrated BAS/EMS/IItegrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FrAlary platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he

Factory Installed/Factory-Provided micro-processor--controlled included/controte I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not imited
A. General Furpose 1 , Telecommunications, Networking Cabing,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


|  | Manifacturer |
| :--- | :--- |
| Belimo |  |
| Beimo |  |

B215HTO29+LRB24.3
32 54 TTT29OLRB24.SR


B215HTo29+TF24MFT US


B215HTO29+TFXX120 US
B215HTo29+TFX120.S US


82 15HTO294 TR24-3 US
2.5HTo29+TR24-SR US
B215HTT046+LRB24.3
B215HTT046+RB243-3.


B215HTT046+TF24.3. U U
${ }^{821515 H T O 46+T+F 24 M F T U S}$

2215HTT046+TF24.SR US



2215HTT046+TR24.3 US

B215HTTO $3+$ LRB24.3



3215HTT73+TF24.3.S US
215HTTO7+TF24MMT U

2215HTOT3+TF24.SRR S US

25HTO73 TTFP120. S US



B215FT116+LRB243-S
22154T116+LR824.SR
2215HT116+LRX24.MFT
B215HT116+TF24.3
B21.5HT116+TF2.3. US
R25HT116+TF24.3.S U
B215HT116+TF24MFT US


2255HT16+TFX120 US
B215HTT116+TFX120.S US
${ }^{3215 H T 116+T \times x 24 \text { US }}$

215HT116+TR24-SR US
B215HTT186+LRB243
8215HT1 $186+$ LRB24-3.S
${ }^{3215 H H T 186+\text { LRB24-SR }}$
${ }^{\text {B2 }}$ B4HHT $186+$ TF24.3 US
2215HT1186+TF24.3.5 US
${ }^{\text {B2 }}$ B2 1 HTT186 + TF24MMTT US
3215HT186+TF24-SR US
SHT186+TF24-SR-S U

215HTT186 + FFX120.S US
B215HH $186+$ FFX24 US
${ }^{32155 H T 196+\text { TF } \times 24 \text { US }}$
2215HT186+TR24.3 US

21.54Tr20+LRB24.3.5

3215HT290+LRB24.SR
3215HTr200+LRX24M-T


2215HTr290+TF24MET-SUS



B215HT290+TFK24 US

8215HTr290+TR24.3 US






































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The scope of this contract includes the following
1．Building Automation System（BAS）which is a computerized system，operating on certain communications protocols（e．g．BACNet，LonTalk，Modbus，etc．）which manages，controls，and is integrated with the Integrated

．Integrated Microprocesso－Controlled HVAC Eur
 commission and which are integra
－Integrated BAS／EMS／Integrated Microprocessor－Controlled HVAC Equipment shall means that the fire alarm system，cetv system，or access control system is integrated to the BAS／EMS／Integrated Microprocessor Controlled HVAC Equipment using a device including，but not limited to，a router，gateway，FireAlarm Interface Panel etc．）to communicate among these systems，and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated platforms／systems．
a）Is certified by either the Associated Air Balance Council Bureau－AABC，Los Angeles，Cal． 90026 or by National Environmental Balancing Bureau－NEBB，Arlington，Va． 22209 ，
b）Is an approved subcontractor to a contractor providing Integrated Microprocessor－Controlled HVAC Equipment，installation，systems integration，or maintenance；and
Integrated Microprocessor－Based HVAC Equipment

The scope of this contract does not include：
1．Plumbing systems This contract does not include the assembly，installation and repair of pipes，fittings，and fixtures of sewer／waste，water，and drainage systems and plumbing fixtures，such as sinks，commodes，bathtubs showers，water fountains，water heaters hot water tanks，garbage disposal
units，dishwashers，and water softeners．The repair and maintenance of plumbing by replacing washers in leaky faucets，mending burst pipes，and opening clogged drains is not allowed．
3．Chillers，Rooftop Units，boilers，air handlers，fan coil，unit ventilator，he
Factory Installed／Factory－Provided micro－processor－－controlled included／contemote I／O modules，etc．which are not：
B．Which are not integrated with the Building Automation Systems or Energy Management Systems，
Cable（coaxial \＆fiber optic），wire，conduit，steel boxes，hangers，etc．must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts．
The contract does not allow for cable（coaxial \＆fiber optic），wire，conduit，steel boxes，hangers，etc．to be purchased from these contracts for any other purposes，including，but not imited
A．General Furpose H，Telecomminications，Networking Cabing，
A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used：
A．To communcate fire or health and safety emergencies directly and solely to law enforcement organizations，or
B．To identify an individual（s）＇location in the event of a fire or emergency．

|  |  |  |  | arranty Period－\＃of year（s）after ptance as required by Appendix B， |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Beimo |  |  |  | Ist Price |  | \＄135．24 |
| B215H1455＋LRE24．3 | Belmo |  | ${ }^{\text {B2 } 25 H T 4555+L R B 24.3 ~}$ | 1 | \＄322．00 | 58\％ | \＄135．24 |
| B215HT455＋LRB24．3．S | Belimo |  | B215HT455＋LRB243．S | 1 | \＄392．00 | 58\％ | \＄164．64 |
| B215HT455＋LRB24．SR | Beimo |  | B2154T455＋LRB24．SR | 1 | \＄407．00 | 58\％ | \＄170．94 |
| B2155T455＋LRX24．MFT | Belimo |  | B215HT455＋LRX24MFT | 1 | \＄537．00 | 58\％ | \＄225．54 |
| ${ }^{\text {8215SHT455＋TF24－3 US }}$ | Beimo | 2．way，HT－CCV，112－NPT，4．55cw with Sping，18m．Ib，Foating，24V | ${ }^{\text {8215HT445＋TF24－3 US }}$ | 1 | \＄435．00 | 58\％ | \＄182．70 |
| B215HT4554．TF24．3．s US | Belimo | 2．way，HT－CCV，172＂MT，4．55cu with Sping，18in－Ib，Floaing，24V，SW | B215HT455＋TF24．3．S US | 1 | \＄491．00 | 58\％ | \＄206．22 |
| B215HT455＋TF24MFT US | Belimo | 2．way，HT－CCV，1／2＂MPT，4．550 with Sping，18in－lb，MFT，24V | B215HT455＋TF24MFTU US | 1 | \＄531．00 | 58\％ | \＄223．02 |
| B215HT455＋TF24－MFT．S US | Beimo |  | B215HT455－TF24MF－S US | 1 | \＄587．00 | 58\％ | \＄246．54 |
| ${ }^{\text {22154T4554TF24－SR US }}$ | Belimo |  | B215HT455＋TF24．SR US | 1 | \＄477．00 | 58\％ | \＄197．82 |
| B215HT4455－TF24SR－S US | Belimo | 2．way，HT－CCV， $12^{2}$ NPT，4，45so with Spring，18in－lb，2－10V，24V，SW | ${ }^{\text {B2154T4555－TF24－SR－S US }}$ | 1 | \＄527．00 | 58\％ | \＄221．34 |
| B215HT455＋TFXX20 US | Belimo |  | B215HT455＋TFX120 Us | ， | \＄416．00 | 58\％ | \＄174．72 |
| B215HT455＋TFx＜120．S US | Beimo |  | B215HT455－TFX120．SUS | 1 | \＄477．00 | 58\％ | \＄197．82 |
| B215HT455 TFE24 US | Belimo |  | B215HT455＋TFP24US | 1 | \＄371．00 | 58\％ | \＄155．82 |
| B215HT455＋TF224．S US | Belimo |  | B215HT455＋TF24．S US | 1 | \＄426．00 | 58\％ | \＄178．92 |
| 8215HT455＋TR24．3 US | Beimo |  | B215HT455＋TR24．3 US | 1 | \＄258．00 | 58\％ | \＄108．36 |
| ${ }^{\text {B2 } 25 H T 455+T R 24 . S R ~ U S ~}$ | Beimo |  | B215HT4455＋TR24．SR US | 1 | \＄364．00 | 58\％ | \＄152．88 |
| ${ }^{\text {B220HT } 1320+L F 120 ~ U S ~}$ | Beimo |  | ${ }^{\text {B220HT } 1320+L F 2120 ~ U S ~}$ | 1 | \＄475．00 | 58\％ | \＄199．50 |
| B220НT11320LLF $20 . \mathrm{SUS}$ | Beimo |  | B220HT $1320+$ LFI20．S US | 1 | \＄533．00 | 58\％ | \＄223．86 |
| B220HT $1320+$ LF24 US | Beimo |  | B220HT $1320+$ LF24 US | 1 | \＄441．00 | 58\％ | \＄185．22 |
| B220－T $1320+$ LF24．3 US | Belimo |  | B220－TT1320＋LF24．3 US | 1 | \＄529．00 | 58\％ | \＄222．18 |
| B220HT1320＋LF24MFT US | Beimo | 2．way，HT－CCV，34＊－NPT，13．200r with Sping，35in．b，MFT，24V | B220HT1320＋LF24MFT US | 1 | \＄686．00 | 58\％ | \＄288．12 |
| в220нT 1320 LL－24－MFT．S US | Beimo |  | B220HTT1320＋LF24MFT．S US | 1 | \＄744．00 | 58\％ | \＄312．48 |
| ${ }^{\text {B220－HT } 1320+L \text { L24．S US }}$ | Beimo |  | в220НT $1320+$ L－24．S US | 1 | \＄499．00 | 58\％ | \＄209．58 |
| B220HT $1320+$ LF24．SR US | Belimo | 2．way，HT－CCV，344－NPT，13．200w with Spping，35in－lb，2－10V，24V | B220HT1320＋LF24．SR US | 1 | \＄565．00 | 58\％ | \＄237．30 |
| B220HT $1320+$ LF24－SR．SUS | Beimo |  | B22OHT $1320+$ L－24．SRRS US | 1 | \＄623．00 | 58\％ | \＄261．66 |
| в220Нт $1320+$ LR824， | Beimo |  | в220HT $1320+$ LR824，3 | 1 | \＄330．00 | 58\％ | \＄138．60 |
| в2200нT1320＋LRB24．3．S | Beimo |  | в220Нт $1320+$ LRB24 3.5 | 1 | \＄401．00 | 58\％ | \＄168．42 |
| в220НтT $1320+$ LRB24．SR | Beimo |  | в220нт $1320+$＋8824．SR | 1 | \＄414．00 | 58\％ | \＄173．88 |
| в220Нt 1320 LLRX24MET | Beimo |  | B220HT $1320+$ LR24－MFT | 1 | \＄545．00 | 58\％ | \＄228．90 |
| ${ }^{\text {B22OHT } 188+\text { LF } 120 ~ U S ~}$ | Beimo | 2．way，HT－CCV，344－NPT，1．8680 with Spping，35in－1，Onolt，120V | ${ }^{\text {B22OHT } 188+\text {＋F120 US }}$ | 1 | \＄467．00 | 58\％ | \＄196．14 |
|  | Belino |  | ${ }^{\text {B220HT186＋LFI20－S US }}$ | 1 | \＄525．00 | 58\％ | \＄220．50 |
| B220HT188＋L－24 US | Beimo |  | B220HT1186＋LF24US | 1 | \＄433．00 | 58\％ | \＄181．86 |
| ${ }^{\text {B22OHT188＋LF24－3 US }}$ | Beimo |  | ${ }^{\text {B20OHT188＋LE24－3 US }}$ | 1 | \＄523．00 | 58\％ | \＄219．66 |
| B220HT186＋LF24MFT US | Belino | 2．way，HT－CCV， $344^{4}$ NPT， $1.86 \mathrm{cow} \mathrm{with} \mathrm{Spring}, \mathrm{35in-lb}, \mathrm{Mer}$, | в220HT186＋LE24MFT US | 1 | \＄680．00 | 58\％ | \＄285．60 |
| B220HT186＋LE24MFT－S US | Beimo |  | B22OHT186＋LE24MFT－S US | 1 | \＄738．00 | 58\％ | \＄309．96 |
| ${ }^{\text {B22OHT188＋LF24－S US }}$ | Beimo |  | ${ }^{\text {B20OHT188＋LF24－S US }}$ | 1 | \＄491．00 | 58\％ | \＄206．22 |
| ${ }^{\text {B22OHT } 186+\text { L－24－SR US }}$ | Beimo | 2．way，HT－CCV，34＊NPT，1．860 w with Sping，35in－b，2－10V，24V | в220HT186＋LF24．SR US | 1 | \＄557．00 | 58\％ | \＄233．94 |
| B220HT1186＋LF24－SR－S US | Beimo | 2－way，HT－CCV，34＂NPT，1．860v with Spring，35in－lb，－10VV，24V，SW | B220HT186＋LF24－SR－S US | 1 | \＄614．00 | 58\％ | \＄257．88 |
| в220НT1986＋LB824 | Beimo |  | в220нT1186＋LR824．3 | 1 | \＄322．00 | 58\％ | \＄135．24 |
| ${ }^{\text {B22OHT } 188+L R 824.3 .5}$ | Beimo |  |  | 1 | \＄392．00 | 58\％ | \＄164．64 |
| B220HT188＋LR824．SR | Beimo |  | в220нT186＋LR824．SR | 1 | \＄407．00 | 58\％ | \＄170．94 |
| в220НTт $186+$ LRX24．MFT | Beimo | 2．way，HT．CCV， 34 －NTT，1．86cr with Non－Spring Reuun，45 in－Ib，MFT，24V | в220НT186＋LRX24MFT | 1 | \＄537．00 | 58\％ | \＄225．54 |
| в220HT290＋LF120 US | Beimo | 2．way，HT－CCV，344＂MPT，．2．90cr with Sping，35in－l，Onoit，120V | B220HT290＋LF120 US | 1 | \＄467．00 | 58\％ | \＄196．14 |
| ${ }^{\text {B220HTr200LLF120．S US }}$ | Beimo | 2 2．way，HT－CCV， 344 －NPT，2．90cr with Sping，35in－lb，Onolt，120V，SW | ${ }^{\text {B220HTr200＋LF120．S US }}$ | 1 | \＄525．00 | 58\％ | \＄220．50 |
| B220HTr200＋LF24US | Beimo |  | B220HTr200tLF24 US | 1 | \＄433．00 | 58\％ | \＄181．86 |
| B220HTr20＋LLF24－3 US | Beimo | 2．way，HT－CCV，34＊NPT，2．900v with Sping，35in－b，Floaing，24V | B220Hr $290+$ LF24－3 US | ， | \＄523．00 | 58\％ | \＄219．66 |
| B220HT290＋LF24MET US | Beimo | 2．way，HT－CCV， 344 NPT，2．90c w with Spring，35in－lb，MFT， 24 V | B220HT290＋LE24MFT US | 1 | \＄680．00 | 58\％ | \＄285．60 |
| B220日सт90＋LF24MFT－S US | Belino | 2．way，HT－CCV， 344 ＂NPT，2．90cu with Spoing，35in－b，MeT，24V，SW | B22OHT290＋LE24．MFT－S US | 1 | \＄738．00 | 58\％ | \＄309．96 |
| B220HT200＋L－24－S US | Beimo |  | ${ }^{\text {B22OHT200 }}$ L－24－S US | 1 | \＄491．00 | 58\％ | \＄206．22 |
| ${ }^{\text {B220HTr200＋LF24．SR US }}$ | Beimo | 2．way，HT－CCV， 344 ／ $\mathrm{NPT}, 2.90 \mathrm{ov}$ with Spring，35in－lb，2－10V， 24 V | B220HTr200 $\mathrm{LF} 24 . \mathrm{SR}$ US | 1 | \＄557．00 | 58\％ | \＄233．94 |
| B220HTr200tLF24－SR－S US | Beimo | 2－way，HT－CCV，344．NPT，2．900r with Spring，35in－lb，2－10V，24V，SW | B220HT290＋LF24．SRRS US | 1 | \＄614．00 | 58\％ | \＄257．88 |
| в220нtr200＋LB824 ${ }^{\text {a }}$ | Beimo |  | в220нtr200＋LR824．3 | 1 | \＄322．00 | 58\％ | \＄135．24 |
| в220НH290＋LR824．3．S | Beimo |  | в220Нtr290＋LR8243．5 | 1 | \＄392．00 | 58\％ | \＄164．64 |
| B220HT290＋LB824．SR | Beimo |  | в220HT290＋LRB24．SR | 1 | \＄407．00 | 58\％ | \＄170．94 |
| в220НTr90＋LRX24MFT | Beimo | 2．way，HT－CCV， 34 ／NTT，2．90cr with Non－Spring Reuun，45 in－Ib，MFT，24V | в220HTr200＋LRX24MFT | 1 | \＄537．00 | 58\％ | \＄225．54 |
| B220HT464＋L－120 US | Beimo |  | B220HT464＋L－120 US | 1 | \＄467．00 | 58\％ | \＄196．14 |
| ${ }^{\text {B22OHT4644LLF－120．S US }}$ | Beimo |  | ${ }^{\text {B220HT4644LLFI20．S US }}$ | 1 | \＄525．00 | 58\％ | \＄220．50 |
| $\mathrm{BrO}^{\text {820HT4644LF24 US }}$ | Beimo |  | B220HT4644LF24 US | 1 | \＄433．00 | 58\％ | \＄181．86 |
| B220－HT664＋L－24－3 US | Beimo | 2．way，HT－CCV， $344^{\text {－NT，}} 4.4646 \mathrm{c}$ with Sping，35in－lb，Foating，24V | ${ }^{\text {B20OHT4664＋L－24－3 US }}$ | 1 | \＄523．00 | 58\％ | \＄219．66 |
| B220HT464＋L－24MET US | Beimo | 2．way，HT－CCV， 344 NPT，4．46ce with Spring，35in－lb，MFT， 24 V | B220HT464＋LF24MFT US | 1 | \＄680．00 | 58\％ | \＄285．60 |
| B2200－7646＋L－24－MFT－S US | Beimo | 2．way，HT－CCV， 344 ＂NPT，4．464cr with Spoing，35in－b，MeT，24V，SW | B22OHT464＋LE24MFT－S US | 1 | \＄738．00 | 58\％ | \＄309．96 |
| B22OHT464＋L－24．S US | Beimo |  | B22OHT4644L－24．S US | 1 | \＄491．00 | 58\％ | \＄206．22 |
| B220HT464＋L－24．SR US | Beimo |  | B220HT4644LLF24．SR US | 1 | \＄557．00 | 58\％ | \＄233．94 |
| B220HT4664＋LF24－SR－S US | Beimo | 2－way，HT－CCV，344．NPT，4．64cv with Spring，35in－lb，2－10V，24V，SW | B220HT4644LF24－SR．S US | 1 | \＄614．00 | 58\％ | \＄257．88 |
| B220HT464＋LRB243 | Beimo |  | в220НT464＋LRB24－3 | 1 | \＄324．00 | 58\％ | \＄136．08 |
| B22OHT4644LRE24．4．S | Beimo |  | B220HT464＋LR824．3．S | 1 | \＄394．00 | 58\％ | \＄165．48 |
| B220HT664 LLB24．SR | Belino | 2．way，HT－CCV， $344^{4}$ NPT，4．64ce with Non－Sping Reuur，45 in－lb，2－10 voc， 24 V | B220HT664＋LB24．SR | 1 | \＄407．00 | 58\％ | \＄170．94 |
| в2200H7464＋LRX24．MFT | Beimo | 2．way，HT－CcV， $344^{4}$ NPT，4．44ce with Non－Sping Relum，45 in－lb，Mer，24V | в2200H7464＋LRX24MFT | 1 | \＄537．00 | 58\％ | \＄225．54 |
| B220HT731＋LF120 US | Beimo |  | ${ }^{\text {B20HT731＋LF120 US }}$ | 1 | \＄469．00 | 58\％ | \＄196．98 |
| ${ }^{\text {B22OHTT3 }}$＋L－F120．S US | Beimo |  | ${ }^{\text {B200HT731 L－F120－S US }}$ | 1 | \＄527．00 | 58\％ | \＄221．34 |
| B220HT731＋LF24 US | Beimo |  | в220HT731＋LF24 US | 1 | \＄435．00 | 58\％ | \＄182．70 |
|  | Beimo |  | ${ }^{\text {B20OHT31＋LL24－3 }}$ US | 1 | \＄525．00 | 58\％ | \＄220．50 |
| B220HT731＋L－24MFT US | Beimo | 2．way，HT－CCV， 344 NPT， 7.3 cov with Spring，35in－lb，MFT， 24 V | B220HT731＋LE24Met US | 1 | \＄682．00 | 58\％ | \＄286．44 |
| B220日Tт31＋LF24MFT－S US | Beimo | 2．way，HT－CCV， 344 ＂NPT，7．317co with Spoing，35in－b，MeT，24V，SW | B22OHT31＋LIE24MFT－S US | 1 | \＄74．00 | 58\％ | \＄310．80 |
| B220HT31＋L－24．S US | Beimo |  | B220HT31＋LL24．S US | 1 | \＄493．00 | 58\％ | \＄207．06 |
| ${ }^{\text {B220HT731＋LI－24－SR U }}$ | Belimo |  | B220HTT31＋LF24．SR US | 1 | \＄561．00 | 58\％ | \＄235．62 |
| B220HT731＋LF24．SR．S US | Belimo |  | B220HT731＋LF24－SR．S US | 1 | \＄618．00 | 58\％ | \＄259．56 |
| в220НT731＋LRB243 | Belimo |  | в220НT731＋LRB24．3 | 1 | \＄324．00 | 58\％ | \＄136．08 |
| B220HT731＋LR824．3．5 | Belimo |  | B220HT731＋LR824．3．S | 1 | \＄394．00 | 58\％ | \＄165．48 |
| в220HT73＋LLB824．SR | Beimo |  |  | 1 | \＄410．00 | 58\％ | \＄172．20 |
| B220日TT31＋LRX24．4FT | Belimo | 2．way，HT－CcV， $344^{4}$ NPT，7．3icu with Non－Sping Reuur，45 in－lb，MFT， 24 V | в220日Tт31＋LRX24MFT | 1 | \＄539．00 | 58\％ | \＄226．38 |
| ${ }^{\text {B22OHT }}$ 288＋LF120 US | Beimo |  | ${ }^{\text {B20OHTT284 }+ \text { L120 US }}$ | 1 | \＄473．00 | 58\％ | \＄198．66 |
| ${ }^{\text {B220HT9284LFI20．S US }}$ | Belimo | 2．way，HT－CCV， 344 －NPT， 9.288 c with Sping，35inlb，Onolt，120V，SW | ${ }^{\text {B220HT9284LFI20．S US }}$ | 1 | \＄531．00 | 58\％ | \＄223．02 |
| $\mathrm{B}^{\text {820HTT928 } \mathrm{LF} \text {［24 US }}$ | Belimo |  | B220HTT288＋LF24US | 1 | \＄439．00 | 58\％ | \＄184．38 |
| ${ }^{\text {B220HTT9284L－} 24.3 \mathrm{US}}$ | Belimo | 2．way，HT．CCV， $344^{\text {－NT，}} 9.2 .28 \mathrm{cov}$ with Sping，35inlb，Foating，24V | $\mathrm{B}^{220 \mathrm{H} T 288+\mathrm{L} 24.3 \mathrm{US}}$ | 1 | \＄527．00 | 58\％ | \＄221．34 |
|  | Belimo |  | B220HT928 + LF24MFT US | 1 | \＄684．00 | 58\％ | \＄287．28 |
| B220－Tт92＋LF24MFT－S US | Belimo | 2 －way，HT－CCV， 344 －NPT， 9.288 c with Spoing，35in－b，MET， 244 ，SW | B220HT928＋LE24－MFT－S US | 1 | \＄742．00 | 58\％ | \＄311．64 |
| B220HT928＋L－24．S US | Belimo |  | B220HT928＋L－24．S US | 1 | \＄497．00 | 58\％ | \＄208．74 |
| B220HTT928 + L24．SR US | Belimo |  | в220НTT28＋LL24．SR US | ， | \＄563．00 | 58\％ | \＄236．46 |
| ${ }^{\text {B220HTT928 }}$ LF24－SR－S US | Belimo |  | B220HTT928 H ［24SSR．S US | 1 | \＄620．00 | 58\％ | \＄260．40 |
| в220Нт928＋LRB24 ${ }^{\text {a }}$ | Belimo |  | вг20нт $228+$ LRB24 3 | 1 | \＄326．00 | 58\％ | \＄136．92 |
| B220HT928＋LR824．3．5 | Beimo |  |  | 1 | \＄396．00 | 58\％ | \＄166．32 |
| ${ }^{\text {B20OHT928 }+ \text { LB824．SR }}$ | Belimo |  | ${ }^{\text {B22OHT }}$ 288 + LB824．SR | 1 | \＄412．00 | 58\％ | \＄173．04 |
| B220НTт98＋LRX24－MFT | Belimo |  | в220нTт92＋LRX24MFT | 1 | \＄541．00 | 58\％ | \＄227．22 |
|  | Belimo |  | ${ }^{\text {B225HTT11 }}$ 60＋LF 120 U | 1 | \＄539．00 | 58\％ | \＄226．38 |
| 82254T1160 L－F120．S US | Belimo |  | ${ }^{\text {B255HT11600LFI20．S US }}$ | 1 | \＄597．00 | 58\％ | \＄250．74 |
| ${ }^{\text {B25SHT1160＋LF24 US }}$ | Belimo |  | ${ }^{\text {B255HT11600 L－224S }}$ | 1 | \＄505．00 | 58\％ | \＄212．10 |
| B225HT1160＋LF24．3 US |  |  | B225HTT160＋LF24．3 US |  | \＄595．00 | 58\％ | \＄249．90 |

The scope of this contract includes the following
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Ecroprocessor-Controled
Enegrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory - Mouded INC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integra
Troducts by the authorized Iser. Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel etc.) to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated
platforms/systems.
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he

Factory Installed/Factory-Provided micro-processor-controlled includedce, remote I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not imited to
A. Genera Purpose 1 , Telecommumications, Networking Cabing, ,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency
B. To identify an individual(s)' location in the event of a fire or emergency.

## 

 B225HT1 $160+$ LFF24MTT-S USB225HTT160 + LF24S US

 B25SHT1160+LRB24.3.S B225HT1160+LRB24.SR
B225HT1160+LRX24MTT

 B225HTT1856+L-L24 US



 B225HT T855 + L- F24. SR.S.S US B225HT1 $1856+$ +LB824.3.S



 B225HTr800 L LF24MFT US


 B225HTr2800+LLE24SRRS US | B225HTr2800+LR824.3 |
| :--- |
| B255H |

 B2254T $2800+$ LRB24-SR
B225HTr800+LRX24MFT





 B2255HT464+LL24-SR US
B225HT464+LF24-SR.S US

 8225HT4644LLRX24MFT
B225HT31+LF120 US ${ }^{\text {B225HTT3 } 1 \text { LL } 120 \text { U }}$ ${ }^{82255 H T} 731+L$ LF2 U US
 82254TT39+LLE24.MTT US



 B225HT731+LRB24.3.S
B225HTT31+LRB24.SR
8225HTT31+LRX24MFT
AF120 US
AFF20.S US
AF230 US
AFz20.s US
AF24 US

A AF24MFTos US
AF24MFT.S US
AF24PC US
AF24. U S

AfB24
AFB24 N4
AFB24NH
AfR824N4H
AFB24-MFT
AEb24MTTNA
AFB24-MFT N4
AFB24MTT NAH

Afbz4-MFTos N4
$\underset{\text { AfB24MFT95 Nat }}{\text { AFB24MFT-s }}$
$\underset{\text { AfB } 24 \text { MFT.S N4 }}{ }$
$\underset{A}{\text { AFB24PC }}$

AfBz4-SB N4
AFB24SR NaH
AFB24-SR-S
AFB84.SR N4H
AFB2-SRR-S
AFB24SR-S
AbBz4-SR-S NaH
Afbup N4
Afbup NaH
AFBUP.S

| AFBUP.SN |
| :--- |
| AFBUP.S Nat |

##  <br>   <br>  <br>    2.way. HT.CCVV, 1 NPT, 18.56 Fc w with Sping, 35in.b. MFT, 24 V  




























2.way, HT-CCV, ${ }^{17}$ NPT, 7.3 tev with Non-Spping Reuum,45 in-b, MFT, 24 V

Sping, 133in-l., Onolf, 12ov


Sping, 133in-1, Onoftr, 24V










Spring, NEMA A, , 188inibl, M.T, 24V, SW Spring, 180init, Phase Cut, 24 V Spring, 180in-lb, OnOOH, 24V, sW


 Spoing, 180in-lb, $2 \cdot-10 \mathrm{~V}, 24 \mathrm{~V}, \mathrm{sw}$
 Sping, 180in.t., Onolfot, UP Sping, NEMA A, , soin-l, OnOIf, UP





The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocesso-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mond Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integr
products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controled HVAC Equipment using a device including, but not limited to a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain prels (e \& BACNet, LonTalk, Modbus, etc.) to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated
platforms/systems.
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
a) Is certified by either the Associated Air Balance Councii Bureau- AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arrington,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenacce of Integrated Microprocessor-Based HVAC Equipment;

Cleans, tests, and balances the Integrated Microprocessor-Controlled HVAC Equipment in accordance with Code Requirements.
The scope of this contract does not include:
water fountains, water heaters hot water tanss, garbage disposa
showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. General Ductwork, Piping, etc. shall not be obtained on these contracts.
3. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not:
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited the
B. General Purpse I, Tecommumicais, Nerworg (e.g. phone, px, a.

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)'
B. To identify an individual(s)' location in the event of a fire or emergency.

| model Number | Manutacurer | Proctuct Desariplion | Prodicl Code | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, | List Pille | \% Discomm | NSS Nel Picee |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Afx24 | Belino | Sping, 180in-b, Onotit, 24 V | Afx24 | 1 | \$463.00 | 58\% | \$194.46 |
| AFX24N4 | Belimo | Spring, NEMA 4, 1800in-l, Onoft, 24V | AFX24 N4 | 1 | \$1,009.00 | 58\% | \$423.78 |
| afrerilon | Belimo | Sping, 180inlb, Loo, 24 V | Afr24Lon | 1 | \$849.00 | 58\% | \$356.58 |
| afx<24.MT | Beimo | Sping, 180inil, MeT, 24V | afx24Met | 1 | \$635.00 | 58\% | \$266.70 |
| AFx24MFT N4 | Beimo | Sping, NEMA4, 180inlb, MFT, 24V | AFX24MFTN4 | 1 | \$1,181.00 | 58\% | \$496.02 |
| AF×24-MFT95 | Beimo | Spering, 180in-m, 0-1350, 24V | AFx24-MFT95 | 1 | \$658.00 | 58\% | \$276.36 |
| Afx24MFT95 N4 | Beimo | Spring, NEMA 4, 180in-lb, 0-1350, 24V | AFF24-MFT95 N4 | 1 | \$1,204.00 | 58\% | \$505.68 |
| AFX24-MFTS | Belimo | Sping, 188in-b, MFT, 24V, sw | AFF24MFT-S | 1 | \$727.00 | 58\% | \$305.34 |
| AFX24-MFT-SN4 | Belimo | Spring, NEMA 4, 800in-lb, MFT, 24V, SW | AFF24-MT-S S 4 | 1 | \$1,273.00 | 58\% | \$534.66 |
| AFX24.S | Belimo | Spring, 180imblb, Onolit, 24, Sw | AFF24S | 1 | \$553.00 | 58\% | \$232.26 |
| Afx24.SN4 | Belimo | Sping, NEMA, 4, 180in-b, Onoft, 24V, Sw | Afx24. ${ }^{\text {N4 }}$ | 1 | \$1,099.00 | 58\% | \$461.58 |
| AFx24-SR | Beimo | Spring, 180inlb, $2 \cdot 10 \mathrm{~V}, 24 \mathrm{~V}$ | AFX24SR | 1 | \$576.00 | 58\% | \$241.92 |
| AFx24-SR N4 | Beimo | Sping, NEMA, 4, 188in-b, 2.-10V, 24 V | AFF24-SRN4 | 1 | \$1,122.00 | 58\% | \$471.24 |
| AfX24-SR-S | Beimo | Spring, 180in-lb, 2-10, 24V, Sw | Afx24-Sh-S | 1 | \$666.00 | 58\% | \$279.72 |
| AFX24.SR-S N4 | Beimo | Sping, NEMA, 4 , Boininlb, 2-10V, 24V, sw | AFX24.SR.S N4 | 1 | \$1,212.00 | 58\% | \$509.04 |
| afxup | Belimo | Spring, 180inli, Onlof, UP | Afxup | 1 | \$518.00 | 58\% | \$217.56 |
| Aftup n4 | Belimo | Sppring, NEMA, 4 , 180in-b, Onotit, UP | Afxup n4 | 1 | \$1,064.00 | 58\% | \$446.88 |
| AFxup.S | Beimo | Spring, 180in-lb, Onloflt, Up, Sw | AFtup.S | 1 | \$609.00 | 58\% | \$255.78 |
| afxup-S ${ }^{\text {a }}$ | Beimo | Spring, NEMA4, 180in-l, Onolt, Up, Sw | afxup-S ${ }^{\text {a }}$ | 1 | \$1,155.00 | 58\% | \$485.10 |
| АНв24-3.100 | Beimo | Damp.Linear, 101bt, Onotrifioat, 24V | AHB243.100 | 1 | \$372.00 | 58\% | \$156.24 |
| A HB243:200 $^{\text {a }}$ | Belimo | Damp.Linar, 10116, Onottrioat, 24V | AHB243-200 | 1 | \$396.00 | 58\% | \$166.32 |
| AHB24SR-100 | Beimo | Damp.Linear, 10110, SR ( $2.10 \mathrm{OV}, 24 \mathrm{~V}$ | AHB24SR-100 | 1 | \$514.00 | 58\% | \$215.88 |
| AHB24SR-200 | Belimo | Damp.Linear, 10110, SR ( 2 -10V), 24 V | AHB24SR-200 | 1 | \$536.00 | 58\% | \$225.12 |
| АНK×24.MFT-100 | Belimo | Damp.Linea (EFS), 10116, MET, 24V | АНКК24MF-100 | 1 | \$1,348.00 | 58\% | \$566.16 |
| Анов24-1.100 | Beimo | Damp.Linear (Quick, 44bld, Onofit, 24V | АНСв24-1-100 | 1 | \$604.00 | 58\% | \$253.68 |
| АНав24-MFT-100 | Beimo | Damp.Linear (Quick), 44bl, MFT, 24V | Анов24-MFT-100 | 1 | \$647.00 | 58\% | \$271.74 |
| Анох24-1.100 | Beimo | Damp.L.Linear (Quick, 44bl, Onotit 24 V | АНах24-1-100 | 1 | \$604.00 | 58\% | \$253.68 |
| АНох24MFT-100 | Belimo | Damp.Linear (Quick, , 44bl, MFT, 24V | АНох24-MFT-100 | 1 | \$647.00 | 58\% | \$271.74 |
| AH× $\times 12 \cdot 3.100$ | Belimo | Damp.Linear, 101bt, Onotitfloatit 120 V | AHX120.3.100 | 1 | \$400.00 | 58\% | \$168.00 |
| AHX120-3.200 | Belimo | Damp.Linear, 101bl, Onotiffoat, 120V | AHX120.3.200 | 1 | \$422.00 | 58\% | \$177.24 |
| AHX120.3.300 | Belimo | Damp.Linear, 101tb, Onotitf ioat, 120V | AHX120.3.300 | 1 | \$475.00 | 58\% | \$199.50 |
| AHX120-SR-100 | Belimo | Damp.Linear, 101tot, SR (2-10V, 12 V | AHX120.SR-100 | 1 | \$503.00 | 58\% | \$211.26 |
| AHX120-SR-200 | Beimo | Damp.Linar, 101016, SR (2-10V), 120 V | AHX120.SR-200 | 1 | \$525.00 | 58\% | \$220.50 |
| AHK24-3.100 | Beimo | Damp.Linear, 101ut, Onotutifloat, 24V | AHK243-100 | 1 | \$372.00 | 58\% | \$156.24 |
| AHY24.3.200 | Belimo | Damp.Linear, 1011b, Onotitfioat, 24 V | AHK243.200 | 1 | \$396.00 | 58\% | \$166.32 |
| AHK24.3.300 | Beimo | Damp.Linear, 101ut, Onotiffliaat, 24V | AHK2443:300 | 1 | \$412.00 | 58\% | \$173.04 |
| AHX24-MF-100 | Belimo | Damp.Linear, 101016, MFT (2.10V), 24V | AHX24-MF-100 | 1 | \$529.00 | 58\% | \$222.18 |
| AH24-MFT-200 | Belimo | Damp.Linear, 10106, MFT (2.10V), 24V | AH24-MFT-200 | 1 | \$565.00 | 58\% | \$237.30 |
| AH24-MFT-300 | Belimo | Damp.Linear, 1010t, MFT (2-10V), 24V | AH244MF-300 | 1 | \$578.00 | 58\% | \$242.76 |
| AHK24-SR-100 | Beimo | Damp.Linear, 10110, SR S 2 -10V), 24V | AHK24SR-100 | 1 | \$514.00 | 58\% | \$215.88 |
| AHX24SR-200 | Beimo | Damp.Linear, 10110, SR ( $2.10 \mathrm{OV}, 24 \mathrm{~V}$ | AHK24SR-200 | 1 | \$536.00 | 58\% | \$225.12 |
| АмВ24.3 | Belimo | Damp. Foray, 180in-lb, Onotiflifat, 24V | АмВ24.3 | 1 | \$321.00 | 58\% | \$134.82 |
| Амв24.3.S | Beimo | Damp. Roaty, 80in-lb, Onotififloat, 24V | AMB24.3.S | 1 | \$417.00 | 58\% | \$175.14 |
| AMB24.3.TN4 | Belimo | Damp.NEMA 4x, 188in-lb, Onotitfloat, 24V | AMB224.3. $\mathrm{Na}^{4}$ | 1 | \$570.00 | 58\% | \$239.40 |
| AMB24.3.TN4H | Belimo | Damp.NEMAAXH, 180.ilb, Onothrioat 24V | AMB243.T ${ }^{\text {NaH }}$ | 1 | \$928.00 | 58\% | \$389.76 |
| anBz4Met | Beimo | Damp. Rotary, 180inlib, MFT (2-10V, 24V | Amb24Met | 1 | \$500.00 | 58\% | \$210.00 |
| AMB24.SR | Beimo |  | AMB24.SR | 1 | \$466.00 | 58\% | \$195.72 |
| AMB24SR.TN4 | Beimo | Damp.NEMA4X, 180in-b, , SR $(2.10 \mathrm{~V}, 24 \mathrm{~V}$ | AMB24.SR-TN4 | 1 | \$774.00 | 58\% | \$299.88 |
| Amb24-SR-T NaH | Beimo | Damp.NEMAXX, 180in-lb, SR (2-10V, 24V | Amb24-SR-T NaH | 1 | \$1,072.00 | 58\% | \$450.24 |
| Amcx24MFT | Beimo |  | AMCX24-MFT | 1 | \$532.00 | 58\% | \$223.44 |
| AmCX24-MFT95 | Belimo | Damp. Roala, 180in-lb, Onotifleat, 24V | AMCX24MFT95 | 1 | \$601.00 | 58\% | \$252.42 |
| Амов24-1 | Belimo | Damp. Rotary, 40imill, Onotit, 24 V | AM0824-1 | 1 | \$525.00 | 58\% | \$220.50 |
| Aмов24MFT | Belimo | Damp. Rodary, 140in-lb, MFT (2-10V), 24V | амав24MFT | 1 | \$558.00 | 58\% | \$234.36 |
| Amax24-1 | Beimo | Damp.Rotary, 400in.lb, Onoift, 24V | Amax24-1 | 1 | \$525.00 | 58\% | \$220.50 |
| amax24MFT | Beimo | Damp. Rotary, 440in-Ib, MFT (2-10V, 24V | AMax24MFT | 1 | \$558.00 | 58\% | \$234.36 |
| Amx120.3 | Beimo | Damp. Roaday, 180imblb, Onotiffotat, 20V | Amx 120.3 | 1 | \$395.00 | 58\% | \$165.90 |
| Anx 120.58 | Beimo | Damm.Roara, 180inlb, SR (2.10V), 120V | AMx 120.5 SR | 1 | \$543.00 | 58\% | \$228.06 |
| Anx24.3 | Belimo | Damp. Roary, 180in-l, Onothfloat, 24V | AMX24.3 | 1 | \$321.00 | 58\% | \$134.82 |
| Anx24.3.S | Belimo | Damp. Roaly, 180imblb, Onotiflioat, 24V | Anx24.3.s | 1 | \$417.00 | 58\% | \$175.14 |
| Anx24.3.T | Belimo | Damp. Rosay, 180in-lb, Onotiflioat, 24V | AnX24.3.T | 1 | \$295.00 | 58\% | \$123.90 |
| AnX24.3.TN4 | Beimo | Damp.NEMA Ax, 188in-b, Onotifiriat, 24V | AmX24.3. $\mathrm{Na}^{\text {a }}$ | 1 | \$570.00 | 58\% | \$239.40 |
| Anx24.3.TN4H | Beimo | Damp.NEMAAXH, 180inblb, Onotificoat, 24 V | AmX243.TNaH | 1 | \$928.00 | 58\% | \$389.76 |
| Anx24-LON | Beimo | Damp.Rotay, 180in.b, Low, 24 V | Anx24-LON | 1 | \$789.00 | 58\% | \$331.38 |
| Anx24.Met | Belimo | Damm.Rotary, 180in-1b, MFT (2-10V, 24 V | Anx24.Met | 1 | \$500.00 | 58\% | \$210.00 |
| amx24-Mft N4 | Belimo | Damp. NEMA 4x, 180in-b, MET ( $2.10 \mathrm{~V}, 24 \mathrm{z}$ | anx24-Mft N4 | 1 | \$776.00 | 58\% | \$325.92 |
| Anx24-Mft NaH | Belimo | Damp. NEMA AXH, 180imb, MFT (2-10), 24 V | anx24-MfT NaH | 1 | \$1,134.00 | 58\% | \$476.28 |
| AnX24.MFT95 | Belimo | Damp. Rodar, 180in-l, $0.1350,24 \mathrm{~V}$ | AnX24MET95 | 1 | \$522.00 | 58\% | \$219.24 |
| anx24Met.Tn4 | Belimo | Damp. NEMA 4x, 180in-b, MET (2.10V), 24 V | anx24Met.TN4 | 1 | \$750.00 | 58\% | \$315.00 |
| anx24-MFT-TNAH | Beimo | Damp.NEMAXXH, 188in-b, MrT (2-10V), 24V | AMX24-MFT-TNAH | 1 | \$1,108.00 | 58\% | \$465.36 |
| AmX24.PC | Beimo | Damp. Roaxy, 180inib, Phase Cut, 24 V | Anx24.PC | 1 | \$522.00 | 58\% | \$219.24 |
| AMX24.SR | Beimo | Damp. Roalay, 180i.bl, SR (2-10V), 24V | Anx24.SR | 1 | \$466.00 | 58\% | \$195.72 |
| AMM24-SR-T | Belimo | Damp. Roalay, 180inlb, SR (2-10V), 24V | AMX24-SR-T | 1 | \$440.00 | 58\% | \$84.80 |
| AnX24-SR.TN4 | Belimo | Damp.NEMAAX, 180inlb, SR (2.10V, 24V | AnX24-SR-TN4 | 1 | \$714.00 | 58\% | \$299.88 |
| Anx24.SR-T NaH | Beimo | Damp.NEMAAXH, 880in-lb, SR (2-10V), 24V | Anx24-SR-TNaH | 1 | \$1,072.00 | 58\% | \$450.24 |
| смв 120.3 | Beimo |  | CMB120.3 | 1 | \$241.00 | 58\% | \$101.22 |
| Смв24.3 | Beimo | Damp. Roaxy, 18in-b, Onotiffoiat 24V | Смв24.3 | 1 | \$172.00 | 58\% | \$72.24 |
| CME24.31 | Beimo | Damp. Rotary, 18inlb, Onotififiat, 24V, Bukzo | Сме24.3.1 | 1 | \$156.00 | 58\% | \$65.52 |
| CME243-T | Beimo | Damp.R.oary, 18inib, Onotififoat, 24V | смв24.3.T | 1 | \$152.00 | 58\% | \$63.84 |
| смв24-3.7. 1 | Beimo | Damp.Roara, 18inilv, Onotiff Foat, 24V, Bulkz | смв24-3.T. 1 | 1 | \$114.00 | 58\% | \$47.88 |
| смв24-S8-L | Belimo | Damp.foray, 18in-lb, SRL L(2-10V), 24V | CMB24-SF-L | 1 | \$274.00 | 58\% | \$115.08 |
| CMB24SRRR | Belimo | Damp. Roata, 18imbl, SRR (2-10), 24V | смв24-SR-R | 1 | \$274.00 | 58\% | \$115.08 |
| EFB120 | Beimo |  | EEB120 | 1 | \$902.00 | 58\% | \$378.84 |
| EfBi20.s | Beimo | Spring, 270im.lb, Onolt, 120v, sw | EfBi20.S | 1 | \$1,060.00 | 58\% | \$445.20 |
| EFB120.S ${ }^{\text {4 }}$ | Beimo | Spring, NEMA 4, 27Tin-m, O, Onotit, 120V,Sw | EFB120.SN4 | 1 | \$1,210.00 | 58\% | \$508.20 |
| EfB24 | Beimo | Spring, 27oinlb, Onoft, 24 V | EFB24 | 1 | \$806.00 | 58\% | \$338.52 |
| Ebr24 N4 | Belimo | Spring, NENA A, 270in.bl, Onoft, 24 V | Efb24N4 | 1 | \$956.00 | 58\% | \$401.52 |
| EfB24-MFT | Belimo | Sping, 270in-lb, MFT, 24V | Efb24Met | 1 | \$1,108.00 | 58\% | \$465.36 |
| Efr24-MET.S | Belimo | Sping, 270inlb, MFT, 24V, sw | Efbz4.MFT-S | 1 | \$1,266.00 | 58\% | \$531.72 |
| EfB24.Mf-S ${ }^{\text {N4 }}$ | Beimo | Spping, NEMA 4, 270in-lb, MFT, 24V, SW | EFB24-MFTS N4 | 1 | \$1,416.00 | 58\% | \$594.72 |
| EfB24.S | Beimo | Sping, 270inilb, Onloft, 24, , sw | EFB24S | 1 | \$966.00 | 58\% | \$405.72 |
| EfB24.SN4 | Beimo | Sping, NEMA, 4 , 270.inblb, Onolit, 24V,Sw | Efb24.SN4 | 1 | \$1,116.00 | 58\% | \$468.72 |
| EFB24.SR | Beimo | Spping, 270in-lb, 2-10V, 24 V | EF824SR | 1 | \$1,006.00 | 58\% | \$422.52 |
| Efr22-SR N4 | Belimo | Sping, NeMA 4, 270inimb, 2-10V, 24 V | Efr824SR N4 | 1 | \$1,156.00 | 58\% | \$485.52 |
| Efb24-SR-S | Belimo | Sping, 270imblb, 2-10, 24V, sw | EfB24-SR-S | 1 | \$1,164.00 | 58\% | \$488.88 |
| EFB24SR-S N4 | Beimo | Sping, NEMA, 4 , 270inivib , -10V, 24 V , sw | EFB24-SR.S N4 | 1 | \$1,314.00 | 58\% | \$551.88 |
| EFX120 | Belimo | Spping, 2700.rb, Onolt, 120V | Efx120 | 1 | \$902.00 | 58\% | \$378.84 |
| Exxi20.S | Beimo |  | Exxi20.S | 1 | \$1,060.00 | 58\% | \$445.20 |
| Eexi20.SN4 | Beimo |  | Eexi20.SN4 | 1 | \$1,210.00 | 58\% | \$508.20 |
| ExX120.S NaH | Belimo | Spring, NEMA AH, 270in.lb, Onofit, 120V, SW | Exxi20.S NaH | 1 | \$1,330.00 | 58\% | \$558.60 |
| EFx24 | Beimo | Sping, 270inib, Onotit, 24V | EFx24 | 1 | \$806.00 | 58\% | \$338.52 |
| Efx24MFT | Beimo | Sping, 270inlb, MFT, 24V | Efxx4Met | 1 | \$1,108.00 | 58\% | \$465.36 |
| EFX24MET-S | Beimo | Sping, 270inlb, MFF, 24V, sw | EFF24-MFT-S | 1 | \$1,266.00 | 58\% | \$531.72 |
| Efx24.Mf-S.S4 | Beimo | Sping, NEMA 4, 270im.lb, MFT, 24V, Sw | Efx24.MET.S 4 | 1 | \$1,416.00 | 58\% | \$594.72 |
| EEx24.MET.S N4H | Beimo | Sping, NEWA 4H, 27iomblb Mr, 24V, Sw | EEx24MF-S SaH | 1 | \$1,536.00 | 58\% | \$645.12 |
| EFX24.S | Belimo | Sping, 270inl-b, Onoftr, 24V, sw | Exx24S | 1 | \$966.00 | 58\% | \$405.72 |

The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mond Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integr
products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, etc.) to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated
systems.
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
a) Is certified by either the Associated Air Balance Councii Bureau- AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arrington,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
) As part of the and in conjunction with the contractor providing the aforementioned installion, systems integration, or maintenate of Integrated Microprocessor-Based HVAC Equipment;
Cleans, tests, and balances the Integrated Microprocessor-Controlled HVAC Equipment in accordance with Code Requirements.
The scope of this contract does not include:
wers,
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
3. Chillers, Rooftop, Units, boilers, air handerstained on these contracts.

Factory Installed/Factory-Provided micro-processor--controlled includemp, remote I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose I, Telecommumications, Networking Caing,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)'
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mond Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integr
products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain etc.) to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated
platforms/systems.
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
a) Is certified by either the Associated Air Balance Councii Bureau- AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arrington,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenacce of Integrated Microprocessor-Based HVAC Equipment;
Cleans, tests, and blances the Integrated Microprocessor-Controlled HVAC Equipment in accordance with Code Requirements.
The scope of this contract does not include:
owers, water fountains, water heaters include the assembly, installation
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
Chillers, Rooftop, Pipiting, etc. shall not be obtained on these contracts.
Factory Installed/Factory-Provided microf fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose I, Telecommumication,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency
B. To identify an individual(s)' location in the event of a fire or emergency.

| Mootel Number | Manutacurer | Proctuct Desariplion | Prodicl Code | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54 " | Lst Price | \% Discoumt | Nvs N |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Lux120.S8.F | Belino | Damp.Roalay, 45in-lb, SR(2-10V, 120V | LMX120-SR.F | 1 | \$329.00 | 58\% | \$138.18 |
| Lnx24.3 | Belimo | Damp. Roala, 455in-b, OnOtiffoat, 24V | LMx24.3 | 1 | \$172.00 | 58\% | \$72.24 |
| Lux24.3.F | Belimo | Damp. Roala, 455in-b, Onotiffoat, 24V | LMX24.3.F | 1 | \$181.00 | 58\% | 976.02 |
| Lnх24.3.-p.T | Beimo | Damp. Roala, 45in-b, Onotiffoat.24V | LnX24.3.P5.T | 1 | \$251.00 | 58\% | \$105.42 |
| Lux24.3.S | Beimo | Damp. Roala, 45in-b, Onotifforat.24V | Lux243.S | 1 | \$251.00 | 58\% | \$105.42 |
| Lux24.3.T | Beimo | Damp. Roalay, 45in-b, Onotiffoat, 24V | Lux243-T | 1 | \$155.00 | 58\% | \$65.10 |
| Lnx24.3.T.F | Beimo | Damp. Roala, 45in-b, Onotiffoat.24V | Lnx243.T.F | 1 | \$160.00 | 58\% | \$67.20 |
| LMx24-LON | Belimo | Damp. Roalay, 45inlve, MrT(2-10V, 24V | LMx24-LON | 1 | \$738.00 | 58\% | \$309.96 |
| Lnx24-MET | Belimo | Damp. Roalay, 45inlb, MrT(2-10V, 24V | Lnx24-MFT | 1 | \$353.00 | 58\% | \$148.26 |
| Lnx24.MFT95 | Belimo | Damp. Roata, 45in-bl, 0-1355, 24V | LnX24MFT95 | 1 | \$409.00 | 58\% | \$171.78 |
| LMX24.PC | Belimo | Damp. .otary, 45inllb, Phase Cut, 24 V | LMX24.PC | 1 | \$409.00 | 58\% | \$171.78 |
| LMX24.SR | Beimo | Damp.fotay, 45in-lb, SR(2-10V), 24V | Lux24.SR | 1 | \$274.00 | 58\% | \$115.08 |
| Lux24-SR-F | Beimo | Damp.Rotay, 45in-li, SR[2-10V), 24V | Lux24.SR.FF | 1 | \$283.00 | 58\% | \$18.86 |
| Lux24-SR-T | Belimo |  | Lux24-SR-T | 1 | \$247.00 | 58\% | \$103.74 |
| LUE243 | Beimo | Damp. Roala, 27n-b.b, Onotifloat, 24V | LU824 ${ }^{\text {a }}$ | 1 | \$244.00 | 58\% | \$102.48 |
| LU824.SR | Belimo |  | LUB24SR | 1 | \$334.00 | 58\% | \$140.28 |
| LUX120.3 | Belimo |  | LUX120.3 | 1 | \$268.00 | 58\% | \$112.56 |
| LUx120.SR | Beimo | Damp.foalay, 18in-lb, SR[2-10V), 120V | Lux120.SR | 1 | \$372.00 | 58\% | \$156.24 |
| Lux24.3 | Beimo |  | Lux24.3 | 1 | \$244.00 | 58\% | \$102.48 |
| LUx24.MFT | Beimo | Damp.Roaxy, 18in-b, MFT(2-10V, 24 V | Lux24MeT | 1 | \$384.00 | 58\% | \$161.28 |
| LUX24-SR | Belimo |  | LUX24SR | 1 | \$334.00 | 58\% | \$140.28 |
| NFE24 | Beimo | Spping, 90in-lb, Onoft, 24V | Neb24 | 1 | \$379.00 | 58\% | \$159.18 |
| NEb24N4 | Belimo |  | NEb24N4 | 1 | \$925.00 | 58\% | \$388.50 |
| NFB24 NaH | Belimo | Spring, NEMA AH, 9oinilb, Onolt, 24V | N=824N4H | 1 | \$1,927.00 | 58\% | \$809.34 |
| nfb24MFT | Beimo | Spring, 90in-Ib, MFT, 24V | nerz4-MfT | 1 | \$563.00 | 58\% | \$236.46 |
| nebrampta | Beimo | Spping, NEMA, 4, 9inibl, MFT, 24V | nebz4MFt n4 | 1 | \$1,109.00 | 58\% | \$465.78 |
| nebz4Mfi N4H | Beimo | Sping, NEMA 4H, 90in-l, MrT, 24 V | nfb24MFT NaH | 1 | \$2,111.00 | 58\% | \$886.62 |
| nebz4MFT.S | Beimo | Spoing, 90i.IL, MFT, 24V, SW | Neb24-MT-S | 1 | \$654.00 | 58\% | \$274.68 |
| nfb24Mf.-S N4 | Beimo | Sping, NEMA 4, goinib, MrT, 24V, Sw | nebz4Mf-S N4 | 1 | \$1,200.00 | 58\% | \$504.00 |
| nebramer-S NaH | Belimo | Sping, NEMA AH, 90in-lb, MFT, 24V, SW | Neb24-MfT-S N4H | 1 | \$2,202.00 | 58\% | \$924.84 |
| neb24. | Belimo | Sping, 9oin-lb, Onoft, 24V, sw | NEB24.S | 1 | \$470.00 | 58\% | \$197.40 |
| neb24.S N4 | Belimo | Spring, NEMA 4, 90in-lb, Onoftr, 24V, sw | neb24-S N4 | 1 | \$1,016.00 | 58\% | \$426.72 |
| NFE24.S NaH | Beimo | Spring, NENA AH, 9oin-lb, Onoift, 24V, sw | NEB24. NaH | 1 | \$2,018.00 | 58\% | \$847.56 |
| NFB24SR | Beimo | Sping, 90in-b, 2 2-10V, 24 V | NFE24.SR | 1 | \$505.00 | 58\% | \$212.10 |
| NFB24.SR N4 | Belimo |  | NFB24.SR N4 | 1 | \$1,051.00 | 58\% | \$441.42 |
| NEB24-SR NaH | Belimo |  | NEb24SR NaH | 1 | \$2,053.00 | 58\% | \$862.26 |
| Neb24-SR-S | Belimo | Sping, 90in-lb, 2-10V, 24V, sw | Neb24-SR-S | 1 | \$596.00 | 58\% | \$250.32 |
| NFB24-SR-S N4 | Belimo | Spring, NEMA 4, 90in-lb, 2-10V, 24V, Sw | NE82-SRRS ${ }^{\text {d }}$ | 1 | \$1,142.00 | 58\% | \$479.64 |
| NFB24-SR-S NaH | Belimo | Spring, NEMA AH, goinill, 2-10, 24V, SW | NFB24.SR-S NAH | 1 | \$2,144.00 | 58\% | \$900.48 |
| nebup | Belimo | Sping, 90imblb, Onotit, up | Nebup | 1 | \$428.00 | 58\% | \$179.76 |
| NFBUP N4 | Beimo | Spring, NEMA 4 , 90in-lb, Onoff, UP | nfbup n4 | 1 | \$974.00 | 58\% | \$409.08 |
| nebup nat | Belimo | Sping, NEMA AH, Soin-b, Onotit, UP | nebup nat | 1 | \$1,976.00 | 58\% | \$829.92 |
| NFBup.S | Beimo | Sping, 90in-b, Onofit, UP, sw | NFEup.S | 1 | \$520.00 | 58\% | \$218.40 |
| NEBUP.S ${ }^{\text {N4 }}$ | Belimo | Sping, NEMA 4, 90in-li, Onotit, UP, Sw | Nebup-S ${ }^{\text {a }}$ | 1 | \$1,066.00 | 58\% | \$447.72 |
| NFELPP. S N4H | Belimo | Spring, NEMA AH, goinlib, Onolft, UP, SW | Nebup. S NaH | 1 | \$2,068.00 | 58\% | \$888.56 |
| NFK24 | Beimo | Spping, 9oin-lb, Onolt, 24V | NFK24 | 1 | \$379.00 | 58\% | \$159.18 |
| nex24N4 | Beimo | Spring, NEMA4, 90inible Onoftr, 24 V | NFEX24N4 | 1 | \$925.00 | 58\% | \$388.50 |
| nex>4M-T | Beimo | Spring, 90in-lb, MFT, 24 V | NEx24-MeT | 1 | \$563.00 | 58\% | \$236.46 |
| nexa4MfT N4 | Beimo | Spring, NEMA, 4, 9inmb, MF, 24V | nexz4Mft ${ }^{\text {a }}$ | 1 | \$1,109.00 | 58\% | \$465.78 |
| nex24MFT.S | Beimo | Spping, 90in.lb, MET, 24V, Sw | NFF24.MET.S | 1 | \$654.00 | 58\% | \$274.68 |
| nex24MFT-SN4 | Belimo | Spping, NEMA 4, 90in-b, MFT, 24V, SW | NFF224MT-S S4 | 1 | \$1,200.00 | 58\% | \$504.00 |
| NFK24.S | Belimo | Sping, 9oinimb, Onoft, 24V, sw | NFF24.S | 1 | \$470.00 | 58\% | \$197.40 |
| nex24.S N4 | Belimo | Spping, NeMA 4, 90in-b, Onolit, 24V, Sw | $\mathrm{N} \times 24 . \mathrm{SN4}$ | 1 | \$1,016.00 | 58\% | \$426.72 |
| NFX24SR | Beimo | Spoing, 9oin-mb, 2.10V, 24 V | NFX24-SR | 1 | \$505.00 | 58\% | \$212.10 |
| NFF24.4RN4 | Beimo | Spring, NEMA 4, 90inilb, 2-10V, 24V | NFK24.SR N4 | 1 | \$1,051.00 | 58\% | \$441.42 |
| NFK24.SRRS | Beimo | Sping, 90inlv, 2 -10V, 24V, sw | NFX24-SR-S | 1 | \$596.00 | 58\% | \$250.32 |
| NFx24.SR-S N4 | Belimo | Spring, NEMA 4, 90inilb , 2.10V, 24V, SW | NFE24.SRRS ${ }^{\text {4 }}$ | 1 | \$1,142.00 | 58\% | \$479.64 |
| nexup | Belimo | Sping, Poin-lb, Onotit, UP | NexUP | 1 | \$428.00 | 58\% | \$179.76 |
| NexUP N4 | Belimo | Spring, NEMA $4,90 \mathrm{Om}$-1, Onloft, UP | NexUP N4 | 1 | \$974.00 | 58\% | \$409.08 |
| NFXUPPS | Belimo | Sping, 90inibl, Onoflt, Up, sw | NFXUP.S | 1 | \$520.00 | 58\% | \$218.40 |
| nexup-s n4 | Beimo | Spring, NeMA 4, 9oin.lb, Onoff, UP, SW | nexup-s n4 | 1 | \$1,066.00 | 58\% | \$447.72 |
| мков24.1 | Beimo | Damp. Roaray (EFSS), 54in-lb, Onotit, 24V | мков24.1 | 1 | \$714.00 | 58\% | \$299.88 |
| мков24.SR | Beimo | Damp.Rotay (EFS), 54in-lb, SR(2-10V, 24V | лккв24.SR | 1 | \$756.00 | 58\% | \$317.52 |
| кках24.1 | Belimo | Damp. Ratary(EFS), 54in-lb, Onoff, 24V | ккохх24.1 | 1 | \$714.00 | 58\% | \$299.88 |
| nkQx24.MFT | Belimo |  | nkQx24.MFT | 1 | \$818.00 | 58\% | \$343.56 |
| nках24.SR | Belimo | Damp.Roatay (EFS), 54inlib SR(L-10V, ,24V | NKах24.SR | 1 | \$756.00 | 58\% | \$317.52 |
| nмв24-3 | Belimo | Damp. Rolary, 90in-lb, Onotifloat 24V | nMB24.3 | 1 | \$228.00 | 58\% | \$95.76 |
| nmb243.TN4 | Belimo | Damp.NEMA AX, 90in-b, Onotiffoat, 24V | nMB24.3.TN4 | 1 | \$484.00 | 58\% | \$203.28 |
| NMB243.7 NaH | Beimo | Damp.NEMAAXH, 90in-lb, Onotififlat, 24V | nmb24.3.T NaH | 1 | \$842.00 | 58\% | \$353.64 |
| nmb24Met | Beimo | Damp.Roaxy, 90in-lb, MFT(2-10V, 24 V | nmb24MeT | 1 | \$402.00 | 58\% | \$168.84 |
| NMB24SR | Beimo |  | nMB24-SR | 1 | \$321.00 | 58\% | \$134.82 |
| NMB24-SR-TN4 | Belimo | Damp.NEMA 4x, 90in-lb, SR(2-10V), 24V | NMB24-SRTT N4 | 1 | \$567.00 | 58\% | \$238.14 |
| NMB24-SR-T NaH | Belimo | Damp.NEMA AXH, 90inlib, SR(2-10V, 24 V | NMB24SRR-TN4H | 1 | \$925.00 | 58\% | \$388.50 |
| nnç24.3 | Belimo | Damp. Rolary, 90in-lb, Onotifloat 24V | nмC824.3 | 1 | \$265.00 | 58\% | \$111.30 |
| NMCB24.SR | Beimo | Damp.fotary, 90inlle SR[2-10V), 24V | NMCB24-SR | 1 | \$359.00 | 58\% | \$150.78 |
| nMCx24MFT | Beimo | Damp.Roaxy, 90in-Ib, MFT(2-10V), 24V | nmCx24MfT | 1 | \$466.00 | 58\% | \$195.72 |
| Nmab24-1 | Beimo | Damp. Roala, , Joinblb, Onotit, 24 V | NMa824-1 | 1 | \$470.00 | 58\% | \$197.40 |
| nмов24.MFT | Beimo | Damp. Roalay, 7oinib, MFT(2-10V, 24 V | nмов24-MFT | 1 | \$513.00 | 58\% | \$215.46 |
| nmax24-1 | Belimo | Damp. Roalay, 70imbl, Onotit, 24V | nmax24-1 | 1 | \$470.00 | 58\% | \$197.40 |
| nмах24-MFT | Belimo | Damp.Roalay, 70.mb, MFT(T-10V, 24 V | nmax24-MFT | 1 | \$513.00 | 58\% | \$215.46 |
| nmx 120.3 | Belimo | Damp. Roara, 90in-b, Onolitifoat, 120V | nnx 120.3 | 1 | \$263.00 | 58\% | \$110.46 |
| nnx120.3.F | Beimo | Damp. Roara, 90inibl, Onotiffoat, 120V | NMx120.3.F. | 1 | \$263.00 | 58\% | \$10.46 |
| NMx120.SR | Beimo | Damp.fotar, 90in-lu, SR(2-10V), 120V | nMx120.SR | 1 | \$372.00 | 58\% | \$156.24 |
| NMx120.SR.F | Beimo | Damp.fotary, 90in-lb, SR[2-10V), 120V | nMx120-SR.F | 1 | \$372.00 | 58\% | \$156.24 |
| nnx24.3 | Beimo |  | nmx24.3 | 1 | \$228.00 | 58\% | \$95.76 |
| nıx24.3.F | Belimo | Damp. Roalay, 90in-b, Onotifloat 24V | nn×243-F | 1 | \$228.00 | 58\% | \$95.76 |
| NMX24-3F-T | Belimo | Damp. Roaray, 90in-lb, Onotiffloat, 24V | Nux24-3.FT | 1 | \$203.00 | 58\% | \$85.26 |
| nux24.3.T | Belimo | Damp. Roalay, 90in-lb, Onotifloat 24V | nnx24.3.T | 1 | \$203.00 | 58\% | \$85.26 |
| nmx243.TN4 | Beimo | Damp.NEMA AX, 90in-b, Onotitfoatit 24 V | nmx243.TN4 | 1 | \$484.00 | 58\% | \$203.28 |
| nmX24.3.T NaH | Beimo | Damp.NEMAAXH, 90inilb, Onotififlat, 24V | NnX24.3.T NaH | 1 | \$842.00 | 58\% | \$353.64 |
| nmx24-LON | Beimo | Damp. Rotary, 90in-b, Lov, 24 V | nmx24-LON | 1 | \$774.00 | 58\% | \$325.08 |
| nmx24Met | Belimo | Damp.fotary, 90in-lb, MFT(T-10V, 24 V | nmx24.Met | 1 | \$402.00 | 58\% | \$168.84 |
| NnX24MFT N4 | Belimo | Damp.NEMA Ax, 90in-b, MFFT(2-10V, 24 V | nmx24-MFT N4 | 1 | \$680.00 | 58\% | \$285.60 |
| nux24.Met NaH | Beimo |  | nnx24.Met nat | 1 | \$1,038.00 | 58\% | \$435.96 |
| nnx24.MET95 | Belimo | Damp. Roata, 90in-bl, 0-1355, 24V | nMX24-MET95 | 1 | \$466.00 | 58\% | \$195.72 |
| nnx24.Mft-T N4 | Belimo | Damp.NEMA AX, 90in-b, MeTT(20.10V, 24 V | nhx24Met-T N4 | 1 | \$654.00 | 58\% | \$274.68 |
| nnx24-MFT. T NaH | Beimo |  | nmx24-MFT. TNaH | 1 | \$1,0012.00 | 58\% | \$425.04 |
| nnx24.PC | Beimo | Damp.Rotary, 90in.lb, Phase Cut, 24 V | nmx24.PC | 1 | \$444.00 | 58\% | \$186.48 |
| NMX24.SR | Beimo | Damp.fidary, 90inill, SR[2-10V), 24V | NnX24-SR | 1 | \$321.00 | 58\% | \$134.82 |
| NMX24-SR-T | Belimo | Damp. Folary, 90in-lb, SR(2-10V), 24 V | NMX24.SR-T | 1 | \$297.00 | 58\% | \$124.74 |
| NMX24SR-TN4 | Beimo | Damp.NEMA 4x, gion-li, SR(2-10V), 24 V | NMX24.SR.TN4 | 1 | \$567.00 | 58\% | \$238.14 |
| nmx24-SR-TNaH | Beimo | Damp.NEMA AXH, goinilb, SR[2-10V, 24 V | NMx24-SR.TNaH | 1 | \$925.00 | 58\% | \$388.50 |
| TFB120 | Belimo | Sping, 2imilb, Onofti, 120V | TFB120 | 1 | \$308.00 | 58\% | \$129.36 |
| TFB120.S | Beimo | Spring, 2iniblu, Onoft, 120V, sw | TFB120.S | 1 | \$363.00 | 58\% | \$152.46 |
| TFB6120-SR | Belimo | Sping, 22in-lb, 2-10V, 120V | ${ }^{\text {TFEB120-SR }}$ | 1 | \$420.00 | 58\% | \$176.40 |

The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Monded HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integr
products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FILP), and/or other similar device, which utilize certain prit etc.) to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated
platforms/systems.
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
a) Is certified by either the Associated Air Balance Councii Bureau- AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arrington,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenate of Integrated Microprocessor-Based HVAC Equipment;
Cleans, tests, and balances the Integrated Microprocessor-Controlled HVAC Equipment in accordance with Code Requirements.
The scope of this contract does not include:
ers, water fountains, water does not include the assembly, installation
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
3. Chillers, Rooftop Units, boilers, air handlers, fan coil, these contracts.

Factory Installed/Factory-Provided micro-processor--controlled includemp, remote I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
B. General Purpse I, Telecommumicaios, Neworkig Caing, (e.g. phone, px, dige sex, a

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency
B. To identify an individual(s)' location in the event of a fire or emergency.

| ode Number | Whaturer | Prodict Desasipition | Ioduct Code | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54 " | List Price | , | ws Net Pices |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| TfB24 | Beimo | Spring, 22inli, Onofl, 24V | Tfe24 | 1 | \$264.00 | 58\% | \$110.88 |
| тF8243 | Belimo | Spring, 22inlb, Floaitg, 24V | тFB24.3 | , | \$345.00 | 58\% | \$144.90 |
| TE824.3.S | Belimo | Sping, 22in-lb, Floaing, 24V, Sw | TE824.3.S | 1 | \$400.00 | 58\% | \$168.00 |
| тfв24MFT | Beimo | Sping, 22in-lb, MFT, 24V | trbz4Met | 1 | \$437.00 | 58\% | \$183.54 |
| trg24MFTS | Beimo | Spring, 22in-lb, MFT, 24V, SW | TfP84-MTT-S | 1 | \$492.00 | 58\% | \$206.64 |
| TFB24-S | Belimo | Sping, 22in-b, Onofit, 24V, Sw | trez4-S | , | \$319.00 | 58\% | \$133.98 |
| TE824SR | Belimo | Sping, 2zinblb, -10V, 24 V | TE824SR | 1 | \$376.00 | 58\% | \$157.92 |
| TfB24-SR-S | Belimo | Spping, 22in-b, 2.10V, 24V, sw | TfB24-SR-S | 1 | \$431.00 | 58\% | \$181.02 |
| TFCB120.S | Beimo | Spping, 2zin-lb, Onoft, 120V, sw, 35s | TfCB120.S | 1 | \$382.00 | 58\% | \$160.44 |
| TfCXI20.S | Beimo | Spring, 22in-lb, Onoftr, 120V, sw, 355 | Tfexi20.S | 1 | \$382.00 | 58\% | \$160.44 |
| texi20 | Belimo | Sping, 22in-b, Onolit, 120V | TFX120 | + | \$308.00 | 58\% | \$129.36 |
| TFx120.S | Belimo | Spring, 2inibl, Onoff, 120V, sw | TFxi20.S | 1 | \$363.00 | 58\% | \$152.46 |
| TFX24 | Belimo | Spring, 2zinlb, onofi, 24V | TFX24 | 1 | \$264.00 | 58\% | \$110.88 |
| trx243 | Belimo | Spring, 2imilb, Floaing, 24V | TFX24.3 | 1 | \$345.00 | 58\% | \$144.90 |
| TEX24.3.S | Beimo | Spping, 2inibl, Floaing, 24V, Sw | TEX24.3.S | 1 | \$400.00 | 58\% | \$168.00 |
| trx24.MeT | Beimo | Spring, 22in-lb, MFT, 24V | trx24-MeT | 1 | \$437.00 | 58\% | \$183.54 |
| TFx24MFTS | Beimo | Sping, 22in-lb, MFT, 24V, Sw | trx24.METS | 1 | \$492.00 | 58\% | \$206.64 |
| TFX24.S | Belimo | Sping, 22in-b, Onoft, 24V, sw | TFX24.S | 1 | \$319.00 | 58\% | \$133.98 |
| TFX24.SR | Belimo | Sping, 2inimb, 2-10V, 24 V | TFX24.SR | 1 | \$376.00 | 58\% | \$157.92 |
| TFX24-SR-S | Belimo | Spping, 22in-b, 2.10V, 24V, sw | TFX24-SR-S | 1 | \$431.00 | 58\% | \$181.02 |
| ZG-JSLAAAFX24 | Belimo | JSL+Sping, 166 in W, O , Onotit, 24 V | ZG.JSLAAAFX24 | 1 | \$663.00 | 58\% | \$278.46 |
| ZG-JSLAAAFK24MFT | Beimo | JSL+Sping, 16Gin-b, MeT, 24V | ZG.JSLAAAFX24MeT | 1 | \$835.00 | 58\% | \$350.70 |
| ZG.-JSLAAFX24.MFT95 | Beimo | JsL-Spring, 166minle 0-1350, 24V | ZG.JSLAAAFX24.MFT95 | 1 | \$858.00 | 58\% | \$360.36 |
| ZGG.JLLAAAFK24.MET-S | Beimo | JSL+Sping, 16inilb, MrT, 24V, Sw | ZG.JSLAAAFX24.MFT.S | 1 | \$927.00 | 58\% | \$389.34 |
| ZG.JSLAAFAF24.S | Belimo | JSL+SPring, 166inlb, Onoti, 24V, Sw | ZGGSLAAAFX24.S | 1 | \$753.00 | 58\% | \$316.26 |
| ZG.-SLLAAAF24.SR | Beimo | JSL+Sping, 166 im Wb, Onotit, 24 V | ZG.JSLAAAF24-SR | 1 | \$776.00 | 58\% | \$325.92 |
| ZG.JSLAAAFX24-SR-S | Belimo | JSLSSping, 166inlb, Onolt, 24V | ZG.JSLAAAFX2-SR-S | 1 | \$866.00 | 58\% | \$363.72 |
| ZG.JSLAAAFXUP | Belimo | JSL+SPing, 166in-b, Onjoft, UP | ZG.JSLAAAFXUP | 1 | \$718.00 | 58\% | \$301.56 |
| zG-SSLAAFAXUPS | Belimo | JSLSSping, 166inlb, Onolit, Up, SW | zG-SSLAAAFXUP.S | 1 | \$809.00 | 58\% | \$339.78 |
| ZG.JSLAAAMCX24MFT | Beimo | JSLPRoala, 166inlb, Onotiffoat, 24V | ZG.JSLAAAMCX24-MET | 1 | \$732.00 | 58\% | \$307.44 |
| ZG.JSLA+AMx120.3 | Beimo |  | ZG-JSLAAMMX120.3 | 1 | \$595.00 | 58\% | \$249.90 |
| ZG-JSLAAMX120.SR | Belimo |  | 2G.JSLAAAMX120.SR | 1 | \$743.00 | 58\% | \$312.06 |
| ZG.JSLAAAMX24.3 | Belimo |  | ZG.-SLAAAMX24.3 | 1 | \$521.00 | 58\% | \$218.82 |
| ZG.JSLAAAMX24.3.T | Belimo |  | 2G.JSLAAAMX24-3.T | 1 | \$495.00 | 58\% | \$207.90 |
| ZG.JSLAAAMX24MET | Belimo |  | ZG.JSLAAAMX24MFT | 1 | \$700.00 | 58\% | \$294.00 |
| ZG.JSLAAAM 24. MFT99 | Belimo | JSL+Rotary, 166inlb, 0-1350, 24V | ZG-SLLAAAMX24MFT95 | 1 | \$722.00 | 58\% | \$303.24 |
| ZG.JSLAAAMX24.PC | Belimo | JSL+Roara, 166inllb, Phase Cut, 24 V | ZG.JSLAAAMX24.PC | 1 | \$722.00 | 58\% | \$303.24 |
| ZG.JSLAAAMX24.SR | Beimo | JSLLFFotary, 166in-l, SR (2.10V, 24V | ZG.JSLAAAMX24.SR | 1 | \$666.00 | 58\% | \$279.72 |
| $2 \mathrm{Ca-SLA}$ +LFI20 us | Belimo | JSL+Spring, 33inlb, Onlolt, 120 V | ZG.JSLA+LFI20 US | 1 | \$553.00 | 58\% | \$232.26 |
| ZG.JSLA LLFIT20.S US | Beimo | JSLSSping, 33inlb, Onoift, 120V, SW | ZG.JSLA+LF 120.S Us | 1 | \$610.00 | 58\% | \$256.20 |
| ZG.JSLAALL24 Us | Belimo | JSLSSping, 33imbl, Onolt, 24 V | ZG.JSLAALL24US | 1 | \$519.00 | 58\% | \$217.98 |
| 2G.-SLAALLF24.3 US | Belimo | JSL+Sping, 33inlb, Floaity, 24V | ZG.-SLAALLF24.3us | 1 | \$588.00 | 58\% | \$246.96 |
| ZG.JSLA LIE24MFTUS | Beimo | JSL+Sping, 33in-lb, MFT, 24V | 2G.JSLAALE24MFTUS | 1 | \$694.00 | 58\% | \$291.48 |
| ZG.JSLAALEF24.MFT.SU | Beimo | JSL-SPring, 33in-lb, MET, 24V, SW | ZG.JSLAALLF24.MFT.SUS | 1 | \$751.00 | 58\% | \$315.42 |
| ZG.JSLAALIF24.SUS | Beimo | JSLSSpring, 33in.lb, Onofit, 24V, sw | zG.JSLA+LF24.SUS | 1 | \$576.00 | 58\% | \$241.92 |
| ZG.JSLAALLE24.SR US | Beimo | JLLSSping, 33in, -b, 2.10V, 24 V | ZG.JSLAALL24.SRUS | 1 | \$637.00 | 58\% | \$267.54 |
| ZGG.JSLA+LE24.SRRS US | Beimo |  | ZG.JSLA+LF24.SR-S US | 1 | \$694.00 | 58\% | \$291.48 |
| ZG.JSLA+NFX24 | Belimo | JSL+SPring, 87n-lb, Onolt, 24V | ZG.JSLA+NFX24 | 1 | \$579.00 | 58\% | \$243.18 |
| ZG.JSLAANFX24MET | Belimo | JSL+Sping, 87-1.l, MFT, 24V | ZG.JSLA+NFK24.MFT | 1 | \$763.00 | 58\% | \$320.46 |
| ZG.-SLAANFK24MET-S | Belimo | JSL+Spinig, 87-1.1b, MFT, 24V, sw | ZG.JSLAANFX24.4FT-S | 1 | \$854.00 | 58\% | \$358.68 |
| 2GGSLAANFK24.S | Beimo | JSLSSping, 87n.mb, Onofit, 24V, sw | ZG.JSLAANFK24.S | 1 | \$670.00 | 58\% | \$281.40 |
| ZG.JSLAANFK24.SR | Beimo | JSLSPping, 87in-b, 2.10V, 24 V | ZG-JSLANFEX24.SR | 1 | \$705.00 | 58\% | \$296.10 |
| ZG.JSLA+NEX24-SR-S | Belimo | JsL+Sping, 877.-W, , -10VV, 24V, sw | ZG.JSLA+NFX24-SR-S | 1 | \$796.00 | 58\% | \$334.32 |
| ZG.JSLANAFXUP | Belimo | JLL+Sping, 877.-W, Onotit, UP | ZG.JSLA+NFXUP | 1 | \$628.00 | 58\% | \$263.76 |
| zG.JSLAANEXUP.S | Belimo |  | ZG.JSLAANFXUP.S | 1 | \$720.00 | 58\% | \$302.40 |
| ZG.-JLAANMCX24.MFT | Belimo |  | ZG.JSLA+NMCX24-MET | 1 | \$666.00 | 58\% | \$279.72 |
| ZG.JSLA+NMX120.3 | Belimo |  | ZG.JSLA+NMX120.3 | 1 | \$463.00 | 58\% | \$194.46 |
| ZG.JSLA+NMX120.SR | Beimo |  | ZG.JSLA+NM×120.SR | 1 | \$572.00 | 58\% | \$240.24 |
| 2G.JSLA+NMX24.3 | Beimo |  |  | 1 | \$428.00 | 58\% | \$179.76 |
| ZG.JSLA+NMX24.3.T | Belimo |  | 2G.JSLAANMX24.T.T | 1 | \$403.00 | 58\% | \$169.26 |
| ZG.JSLAAMMx24.MeT | Beimo |  | ZG.JSLAANMX24MFT | 1 | \$602.00 | 58\% | \$252.84 |
| ZG.JSLAANMX24.MFT95 | Belimo |  | ZG.JSLA+NMX24MFT95 | 1 | \$666.00 | 58\% | \$279.72 |
| ZG.JSLA+NMX24.PC | Belimo |  | ZG.JSLA+NMX24.PC | 1 | \$644.00 | 58\% | \$270.48 |
| ZG.JSLA+NMX24.SR | Belimo |  | ZG.JSLA+NMX24.SR | 1 | \$521.00 | 58\% | \$218.82 |
| ZG-JSLA+NMX24-SR-T | Belimo |  | ZG-JSLA+NM 2 -S.SR-T | 1 | \$497.00 | 58\% | \$208.74 |
| ADS-100 | Beimo | Analog to Digtala Swich (Proportional Modes) | ADS 100 | 1 | \$217.00 | 58\% | \$91.14 |
| BaE165 Us | Belimo | $165^{\circ} \mathrm{F}$ electric therma sensor. SPST, NC | BAE165 Us | 1 | \$193.00 | 58\% | \$81.06 |
| EV-RT-100 | Beimo | Remoie emperature sensor, $32.8 \mathrm{FH}[10 \mathrm{M}]$ | EV-rt-100 | 1 | \$498.00 | 58\% | \$209.16 |
| EV-RT-15 | Belimo | Remotet emperature sensor, $4.9 \mathrm{tl}[1.5 \mathrm{M}$ ] | EV-RT-15 | 1 | \$498.00 | 58\% | \$209.16 |
| EV-rt-30 | Belimo | Remote temperaure sensor, $9.8 \mathrm{st} \mathrm{[ } 3 \mathrm{M}$ ] | EV-rt-30 | 1 | \$498.00 | 58\% | \$209.16 |
| EV-RT.50 | Belimo | Remole temperature sensor, 16.44 [ $[5 \mathrm{M}$ ] | EV-rt-50 | 1 | \$498.00 | 58\% | \$209.16 |
| IRM-100 | Beimo | Input Rescaing Mocule (Proporional Modes) | IRM. 100 | 1 | \$204.00 | 58\% | \$85.68 |
| мет.P. | Beimo | Belino MFT Configuration Sotware (V3.X) | мпT.P. | 1 | \$153.00 | 58\% | \$64.26 |
| met.-xwn | Belimo | $24 \mathrm{VTranstormer} \mathrm{(120V} 1024 \mathrm{~V})$ | mit-xenr | 1 | \$72.00 | 58\% | \$30.24 |
| nsv24 Us | Beimo | Batery Back-Up Modul | nsv24 US | 1 | \$760.00 | 58\% | \$319.20 |
| nsv-bat | Belimo | 12 V 1.2 AH Batery | nsv-bat | 1 | \$116.00 | 58\% | \$48.72 |
| P10000A GR | Belimo | Feedrack Podentiometer 10000 n | P10000AGR | 1 | \$134.00 | 58\% | \$56.28 |
| P1000Agr | Belimo | Feedback Potentiometer 1000 N | Proood Gr | 1 | \$134.00 | 58\% | \$56.28 |
| P140A GR | Beimo | Feedsack Polentioneter 1400 | Pl40a gr | 1 | \$134.00 | 58\% | \$56.28 |
| P2800A GR | Beimo | Feedback Poteniomemerer 28008 | P2800A GR | 1 | \$134.00 | 58\% | \$56.28 |
| P370 | Belimo | Shat Muut A Axiliay Swich, 1/2: Shatt | P370 | 1 | \$173.00 | 58\% | \$72.66 |
| P5000A GR | Beimo | Feedsack Potentiometer 5000n | P5000A GR | 1 | \$134.00 | 58\% | \$56.28 |
| P500a Gr | Beimo | Feeibeck Potentiomeer 5002 | Psooa gr | 1 | \$134.00 | 58\% | \$56.28 |
| Ps-100 | Belimo | Actuato Power Supply Simular | Ps-100 | 1 | \$1,317.00 | 58\% | \$553.14 |
| PTA. 250 | Beimo | Pulse Wiath Modulation Mhertace (Proportiona Modeds) | PTA. 250 | 1 | \$259.00 | 58\% | \$108.78 |
| S1A | Beimo | Auxiliay Swich, 1x SPDT, 3 A (0.5A A inductive) @ 250 VaC | Sta | 1 | \$82.00 | 58\% | \$34.44 |
| S2A | Beimo | Auxilay Swich, 2x SPDT, 3 A (0.5A inductive) @ 250 VAC | S2A | 1 | \$121.00 | 58\% | \$50.82 |
| S2A.F | Beimo | Auxiliay Swich, 2x SPDT, 3 A (0.5A inductive) @ 250 VaC | S2A-F | 1 | \$293.00 | 58\% | \$123.06 |
| sGar2 | Beimo | Postione for Remole Contro( Proporional Modes) | SGA24 | 1 | \$147.00 | 58\% | \$61.74 |
| SGF24 | Belimo | Postioner for Remole Contol (Proporional Modes) | SGF24 | 1 | \$125.00 | 58\% | \$52.50 |
| Uк248ас | Belimo | BACnet Gateway Module that Can Connect Up to 8 MFT Actuators and Communicates to the BACnet Network | икгувAC | 1 | \$834.00 | 58\% | \$350.28 |
| UK24LON | Beimo | LON Gateway Module that Can Connect Up to 8 MFT Actuators and Communicates to the LON Network | UK24LION | 1 | \$834.00 | 58\% | \$350.28 |
| ${ }^{24024}$ | Belimo | Digital position indicator for fr | ${ }^{2 A 024}$ | 1 | \$768.00 | 58\% | \$322.56 |
| 2a.cbis | Belimo | Junction box tor LF | 2a.cbis | 1 | \$84.00 | 58\% | \$35.28 |
| za.cens | Belimo | Junction bx for AFNF | za.cens | 1 | \$96.00 | 58\% | \$40.32 |
| 2 G - HT | Belimo | Themostal/ Heater Kit AFNF | zG-HTR | 1 | \$275.00 | 58\% | \$115.50 |
| zG:R01 | Beimo |  | zG:R01 | 1 | \$18.00 | 58\% | \$7.56 |
| zG-RO2 | Belimo | 50\% Vollage Resistor Divider Kt | zG:R02 | 1 | \$28.00 | 58\% | \$11.76 |
| 26.003 | Belimo | MFTT95 Resisito Kit tor to 1350 C Contol Applicition | 2G:03 | 1 | \$18.00 | 58\% | \$7.56 |
| 26.R05 | Beimo | MFTOS Resisior Kit tor 41020 mA Contro Applicaion | 2G.R05 | 1 | \$18.00 | 58\% | \$7.56 |
| 26.R06 | Beimo | MFTTS Resisitor Kit or Series 90 Control Appliciaion | 2G.R06 | 1 | \$18.00 | 58\% | \$7.56 |
| 2G.SGF | Beimo | Mouning Prate tor SGF | zG-SGF | 1 | \$22.00 | 58\% | \$9.24 |
| 2a.-40 | Belimo | $1201024 \mathrm{VAC}, 40 \mathrm{VA}$ Tensistormer | za.xa | 1 | \$86.00 | 58\% | \$36.12 |
| ZPP.AS232 US | Belimo | MFT Compuere Programming Inetrace, Sefial Port | 2 Pl -f2323 Us | 1 | \$648.00 | 58\% | \$272.16 |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated . croprocessor-Controiled HVAC Equipment in a building or faciinty. Building Management Systems and
2. Integrated Microprocessor-Controlled HVAC Equment such Chillers, Rooftop Units, Boilers, Air Handers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory - Mouded IV Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and , Sy Ster to allow the Building Automation System or Energy Management System to monitor the performance of these commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
Integrated BAS/EMS/IItegrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FeAlary interface Pane (hap), and/or other similar device, which inize certain proochs (e.e. BANet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
. Factory Installed/Factory-Provided micro-processor--controlled included/contremote I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose 1 , Telecommumications, Networking Cabing,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| model Number |  | Foctucl Desariplion | Product Code | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| zp.Uss-MP US | Belimo | MFT Computer Programning IMertace, USB Port | ZIP.USE-MP US | Clause 54" | Lstritice | \% Discoum | $\underset{\text { NVS Nat Pice }}{\$ 237.30}$ |
| zki-GEN | Belimo | Cable tor IP.USB.MP US to Diagnosici/ Programming Socket | ZK1-GEN | 1 | \$99.00 | 58\% | \$41.58 |
| zK2.GEN | Beimo | Cabe for IIP.USB-MP US 103 Wie | zK2.GEN | 1 | \$46.00 | 58\% | \$19.32 |
| zK3-GEN | Beimo | Cabab tozlP.RS232 US to idignosicic Programming Socket | zK3-GEN | 1 | \$162.00 | 58\% | \$68.04 |
| zK6.GEN | Beimo | Cable tor zp-USB-MP US to Diagnosic Programming Socket | zK6-GEN | 1 | \$48.00 | 58\% | \$2.16 |
| zKs.mp | Beimo | Cable to zIP-FS232 US and ZIP-USE-MP US to Belimo Gatewas | zKs.MP | 1 | \$99.00 | 58\% | \$41.58 |
| z-SPA | Belimo | Adapotor tor Auxiliay Swiches and Poteniomeers | 2.SPA | 1 | \$15.00 | 58\% | \$6.30 |
| zth-genus | Belimo | Hand Hed Programming Tool with ZK1.GEN | zth-gen us | 1 | \$579.00 | 58\% | \$243.18 |
| zth-gen us plus | Beimo | Hand Held Programming Tool wit Zk1.GEN, ZK2.GEN and ZK6-GEN | zth-Gen us plus | 1 | \$648.00 | 58\% | \$272.16 |
| FSAFI20 US | Beimo | Firessmoke Actuator, 12 vaCa , 133 minb , 1m Cable | FSAFFI20 US | 1 | \$611.00 | 58\% | \$256.62 |
| FSAFI20-S US | Belimo | Firessmoke Actuato, 120 VAC, 133inl, 2SPST, 1 m Cable | FSAFI20.S US | 1 | \$72.00 | 58\% | \$294.84 |
| FSAF230 US | Beimo | Firessmoke Actuator, 230 vac, $133 \mathrm{sinb}, 1 \mathrm{~m}$ Cable | FSAF230 US | 1 | \$721.00 | 58\% | \$302.82 |
| FSAF230-S US | Beimo | Firessmoke Actuado, $230 \mathrm{VAC}, 133 \mathrm{~min}$, 2SPST, 1 m Cable | FSAF230-S US | 1 | \$813.00 | 58\% | \$341.46 |
| FSAF24US | Beimo | Firessmoke Actuator, $24 \mathrm{VACIDC},, 133 \mathrm{nin}$, 1 m Cable | FSAFE24 US | 1 | \$554.00 | 58\% | \$232.68 |
| FSAF24-BAL US | Belimo | FiresSmoke Actuato, 24 V VACIDC, 133 Bin , 3 possitio, 1 m Cable | FSAF24-bAL US | 1 | \$637.00 | 58\% | \$267.54 |
| FSAF24-BaL-s US | Beimo | Friessmoke Actuator, 24 vacicc, $133 \mathrm{Binb}, 3$ position, 2SPDT, 1 m Cable | FSAF24-8AL-S US | 1 | \$728.00 | 58\% | \$305.76 |
| FSAF24.SUS | Beimo | Firessmoke Actualo, 22 V VACIDC, 133 minb , 2SPST, 1 m Cable | FSAF24.SUS | 1 | \$645.00 | 58\% | \$270.90 |
| FSAF24-SR US | Belimo |  | FSAF24-SR U | 1 | \$715.00 | 58\% | \$300.30 |
| FSAF24-SR-S US | Belimo | FiresSmoke Actuato, $24 \mathrm{VACCIDC}$, , 133int, 2-10V, 2SPDT, 1 m Cable | FSAF24-SR-S US | 1 | \$806.00 | 58\% | \$338.52 |
| FSAAB24.SR | Belimo |  | FSAAB24SR | 1 | \$694.00 | 58\% | \$291.48 |
| FSAFB24SR-S | Belimo | Firessmoke Actuato, 24 VACIIDC , 180int, 2-10V, 2SPDT, 1 m Cable | FSAFB24SR-S | 1 | \$783.00 | 58\% | \$328.86 |
| FSLF 120 US | Beimo | Firessmoke Actuator, 12 vavac , 3oinls, 1 m Cable | FSLFI20 Us | 1 | \$394.00 | 58\% | \$165.48 |
| FSLFI20.S US | Belimo | Firesmoke Actuato, 120 VAC, 30inl, 2SPST, 1 m Cable | FSLFI20.SUS | 1 | \$462.00 | 58\% | \$194.04 |
| FSLF230 US | Beimo | Firessmoke Actuato, $230 \mathrm{VAC}, 30 \mathrm{Onln}$, , 1 m Cable | FLLF230 US | 1 | \$467.00 | 58\% | \$196.14 |
| FSLF230-S US | Belimo | Firesmoke Actuator, 230 VAC, 30inl, 2 SPST, im Cable | FSLF230-S US | 1 | \$535.00 | 58\% | \$224.70 |
| Fstre2 US | Belimo | Firessmoke Actualor, $24 \mathrm{VaC}, 3 \mathrm{3onin}$, 1 m Cable | FSLLF24 US | 1 | \$358.00 | 58\% | \$150.36 |
| FSLF24.SUS | Beimo | Firessmoke Actuato, $24 \mathrm{VAC}, 30 \mathrm{minb}$, 2SPsT, 1 m Cable | FSLFF24.SUS | 1 | \$426.00 | 58\% | \$178.92 |
| FSNFI20 US | Belimo |  | FSNFFI2 US | 1 | \$496.00 | 58\% | \$208.32 |
| FSNE 120.5 US | Beimo | Firesmoke Actuato, 120 VAC, 70inb, 2SPDT, 1 lm Cable | FSNFF120.SUS | 1 | \$588.00 | 58\% | \$246.96 |
| FSNF230 US | Belimo | Firessmoke Actuato, 230 VAC , 7oninl, 1 m Cable | FSNF230 US | 1 | \$596.00 | 58\% | \$250.32 |
| FSNF230-S US | Beimo | Firesmoke Actuator, $230 \mathrm{VAC}, 70 \mathrm{Tont}$, 2SPDT, 1 m Cable | FSNFE30-S US | 1 | \$687.00 | 58\% | \$288.54 |
| FSNF24 US | Beimo | Firessmoke Actualor, $24 \mathrm{VaC}, 7$ 7oinb, 1 m Cable | FSNV24 US | 1 | \$452.00 | 58\% | \$189.84 |
| FSNN24.S US | Belimo | Firessmoke Actuator, $24 \mathrm{VAC}, 7$ Ooinb, 2SPDT, 1 m Cable | FSNF24.SUS | 1 | \$543.00 | 58\% | \$228.06 |
| G2124LFi20 US | Belimo |  | G212+LF120 US | 1 | \$1,021.00 | 58\% | \$428.82 |
| $\mathrm{G}^{\text {G212+LF12-S }}$ US | Beimo | 2.way gv, Broze T Tim, 1/2" CV. 4 with Sping, 35inlb, Onotit, 120V, SW |  | 1 | \$1,080.00 | 58\% | \$453.60 |
| G221+LE24 US | Beimo | 2.way Gv, Brozze Tim, 112" CV. 4 with Sping, 35inlb, Onofit, 24 V | G212+LF24 US | 1 | \$988.00 | 58\% | \$414.96 |
| G212+LF24-3 Us | Beimo | 2.way Gv, Brorze Tim, 1/2" CV. 4 with Sping, 35inlb, Foating, 24V | G212+LF24.3 US | 1 | \$1,056.00 | 58\% | \$443.52 |
| G212+LE24MFT US | Beimo |  | G212+LE24MFT US | 1 | \$1,142.00 | 58\% | \$479.64 |
| G212+LF24.S US | Belimo |  | G212+LF24.S US | 1 | \$1,043.00 | 58\% | \$438.06 |
| ${ }^{\text {G2212+LF24-SR US }}$ | Belimo | 2.way GV, Bronze Tim, 122: Cv. 4 with Sping, 35in-lb, 2-10V, 24 V | $\mathrm{G} 2212+$ L24-SR US $^{\text {a }}$ | 1 | \$1,083.00 | 58\% | \$454.86 |
| G212+LM324.3. ${ }^{1}$ | Belimo |  | G212+LM324.3. $\times 1$ | 1 | \$866.00 | 58\% | \$363.72 |
| G212+LMB24-SR. $\mathbf{x}_{1}$ | Beimo |  | G212+LMB24-SR.x1 | 1 | \$964.00 | 58\% | \$404.88 |
| G212+LMX24-MFT-×1 | Belimo |  | G212+LMX24-MF-×1 | 1 | \$1,008.00 | 58\% | \$423.36 |
| G212+NV24.3 US | Beimo |  | G212+NV24.3 US | 1 | \$706.00 | 58\% | \$296.52 |
| G212+ND24MFT US | Beimo |  | G212+NV24.MET US | 1 | \$802.00 | 58\% | \$336.84 |
| G212+NVFD24 US | Belimo |  | G212+NVFD24 Us | 1 | \$802.00 | 58\% | \$336.84 |
| G212+NVFD24E US | Belimo |  | G212+NVFD24-E US | 1 | \$802.00 | 58\% | \$336.84 |
| G212+NVED24MET US | Belimo |  | G212+NVFD24MFT US | 1 | \$900.00 | 58\% | \$378.00 |
| G212+NVFD24MFTEE US | Beimo |  | G212+NVFD24MFT.E US | 1 | \$900.00 | 58\% | \$378.00 |
| G212S+LF120 US | Belimo |  | G212S+LF 120 Us | 1 | \$1,257.00 | 58\% | \$527.94 |
| G212StLFI20.S US | Belimo |  | G212StLFI20.S US | 1 | \$1,317.00 | 58\% | \$553.14 |
| G2212StLF24US | Belimo |  | G2212StLF24US | 1 | \$1,259.00 | 58\% | \$528.78 |
| $\mathrm{G}^{\text {G212StL2 } 24.3}$ US | Belimo |  | G212S+LE24.3 us | 1 | \$1,295.00 | 58\% | \$543.90 |
| G212StLF24MFT US | Beimo |  | G212StLF24MFT US | 1 | \$1,418.00 | 58\% | \$595.56 |
| G212S+L-24-S US | Belimo |  | 6212S+LF24.S US | , | \$1,281.00 | 58\% | \$538.02 |
| G212StLF24-SR US | Belimo |  | G212S+LF24.SR US | 1 | \$1,357.00 | 58\% | \$569.94 |
| G212S+LME243.3.1 | Beimo |  | G212S+LME24.3.31 | 1 | \$1,142.00 | 58\% | \$479.64 |
| G2212S+LME24.SR-x1 | Beimo |  | G2212S+LME24.S8.x1 | 1 | \$1,177.00 | 58\% | \$494.34 |
| G2212StLMX24MFT-X1 | Beimo |  | G212S+LHx24MF--x1 | 1 | \$1,217.00 | 58\% | \$511.14 |
| G2212S+NVD24.3 US | Beimo |  | G212S+NVD24.3 Us | 1 | \$990.00 | 58\% | \$415.80 |
| G212S+NVO24MFT US | Beimo |  | $\mathrm{G}_{\text {G212S+NVO24MFT US }}$ | 1 | \$1,098.00 | 58\% | \$461.16 |
| G212S+NVFD24 US | Beimo |  | G212S+NVFD24 US | 1 | \$1,080.00 | 58\% | \$453.60 |
| G212S+NVFD24-E US | Beimo |  | G212S+NVFD24E US | 1 | \$1,080.00 | 58\% | \$453.60 |
| G212S+NVFD24MFT US | Beimo |  | G212S+NVED24MFT US | 1 | \$1,173.00 | 58\% | \$492.66 |
| G212S+NVFD24MET-E US | Beimo |  | G2212+NVFD24MFT-E US | 1 | \$1,173.00 | 58\% | \$492.66 |
| G213+LF120 US | Beimo |  | G213+LF120 US | 1 | \$1,023.00 | 58\% | \$429.66 |
| G213+LF120-S US | Beimo |  |  | 1 | \$1,083.00 | 58\% | \$454.86 |
| G213+LE24 US | Belimo |  | G213+LE24 US | 1 | \$990.00 | 58\% | \$415.80 |
| G2134t-24.3 US | Beimo |  | G2134t-2 24.3 US | 1 | \$1,058.00 | 58\% | \$444.36 |
| G213+LE24MFTT US | Beimo |  | G213+LF24MFTT US | 1 | \$1,145.00 | 58\% | \$480.90 |
| G2134+524.S Us | Beimo |  | G2134+224.SUS | 1 | \$1,048.00 | 58\% | \$440.16 |
| ${ }^{\text {G2213+L-24-SR US }}$ | Beimo |  | ${ }^{\text {G22 } 21+L-24-S R ~ U S ~}$ | 1 | \$1,085.00 | 58\% | \$455.70 |
| $\mathrm{C}^{2} 13+\mathrm{LLM} 824.3 \times 1$ | Baimo |  |  | 1 | \$868.00 | 58\% | \$364.56 |
| G213+LMB24-SR-X1 | Beimo |  | G213+LMB24-SR.×1 | 1 | \$966.00 | 58\% | \$405.72 |
| G2213+LMX24.MFT.-1 | Beimo |  | G2213+LMX24.MF-.x1 | 1 | \$1,010.00 | 58\% | \$424.20 |
| G213+NV24.3 US | Beimo |  |  | 1 | \$708.00 | 58\% | \$297.36 |
| G213+NVD24.MET US | Beimo |  | G213+NVD24MET US | 1 | \$805.00 | 58\% | \$338.10 |
| ${ }^{\text {G213+NVFD224S }}$ | Beimo |  | $\mathrm{G}^{\text {G213+NVFD22 US }}$ | 1 | \$805.00 | 58\% | \$338.10 |
| G2213+NVFD24E US | Belimo |  | G213+NVFD24-E US | 1 | \$805.00 | 58\% | \$338.10 |
| G213+NVFD24MFT US | Belimo | 2.way GV, Bronze TTim, 112" Cv 1.3 " with Non-Spring Reuur,90 It,MFT, 24V | $\mathrm{G} 2213+N V F D 24 M F T^{\text {U }}$ | 1 | \$902.00 | 58\% | \$378.84 |
| G213+NVFD24MFTEE US | Beimo | 2.way GV, Bronze TTin, 112" Cv 1.3 " wih Noo-Sping Seumm,90 It,MFT, 24V | G213+NVFD24-MFTEL US | 1 | \$902.00 | 58\% | \$378.84 |
| G213S+LF120 US | Belimo |  | G213S+LF120 US | 1 | \$1,259.00 | 58\% | \$528.78 |
| G213StLFI20.S US | Belimo |  | G2133+LF-120.S US | 1 | \$1,399.00 | 58\% | \$553.98 |
| G2213StLF24 US | Belimo |  | G213StLE24US | 1 | \$1,261.00 | 58\% | \$529.62 |
| ${ }^{\text {c213St+L24.3 Us }}$ | Beimo |  | ${ }^{\text {G213S }}$ +LF24.3 US | 1 | \$1,297.00 | 58\% | \$544.74 |
| G213S + LF24MFT US | Beimo |  | G2213StLF24MFT US | 1 | \$1,420.00 | 58\% | \$596.40 |
| 6213StLF24-S US | Beimo |  | 6213StL24.S US | 1 | \$1,283.00 | 58\% | \$538.86 |
| G213StLF24-SR US | Belimo |  | G213StLF24SR U | 1 | \$1,359.00 | 58\% | \$570.78 |
| G213S+LLMB24.3.1 | Belimo | $1 / 2{ }^{2}, 2$-WAY, GLOBE VALLE,SS,NPT, CV=. 1.3 with Non-SPring Return, 45 in-Ib | G213S+LMB24.3.1 | 1 | \$1,147.00 | 58\% | \$481.74 |
| G213S+LME24-SR.X1 | Beimo |  | G2213S+LME24-S8-x1 | 1 | \$1,180.00 | 58\% | \$495.60 |
| G213S+LUx24MF-X1 | Belimo |  | G213S+LWx24MF-X1 | 1 | \$1,219.00 | 58\% | \$511.98 |
| G2213S+NVD24.3 US | Beimo |  | G2213S+NVD24.3 US | 1 | \$992.00 | 58\% | \$416.64 |
| 62133+NV224MFT US | Beimo |  | G2133+NVD24MFT US | 1 | \$1,100.00 | 58\% | \$462.00 |
| G213S+NVFD24 US | Beimo |  | G213S+NVFD24 US | 1 | \$1,083.00 | 58\% | \$454.86 |
| G213S+NVFD24.E US | Belimo |  | G2213S+NVFD24E US | , | \$1,083.00 | 58\% | \$454.86 |

The scope of this contract includes the following
Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Hcroprocessor-Controled
. Inerg M Micro
 commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
Integrated BAS/EMS/IItegrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor
 platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
. Factory Installed/Factory-Provided micro-processor--controlled included/contemote $/ O$ modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose I, Telecommumications, Networking Cabing, Hber Optics (e.g. phone, pox, digital centrex, digital key systems, television, cable, T-Line, general broadband,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following
Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Hcroprocessor-Control

 commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
of Integrated Microprocessor-Based HVAC Equipment;

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs showers, water fountains, water heaters hot water tanks, garbage disposal
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2. Chillers, Rooftop Units, boilers, air hadlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
B. Geval Purpse I, Telecommumicaions, Neworking Cabis,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Loosel Number |  | oduct Doscriplion | Foduct Code | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Lis Price | \% Discoumt | NVS Nat Price |
| G219S+LMB24.SR.X1 | Belimo | 344, 2-WAY, GLOBE VALVE, SS, NPT, CV=5.5 wih Non-Spring Reuun,45inill , 2.10 VDC, 24 | G219S+LM324.SR-X1 | 1 | \$1,343.00 | 58\% | \$564.06 |
| G219S+LMX24MFT-X1 | Beimo |  | G219S+LMx24MFT-X1 | 1 | \$1,379.00 | 58\% | \$579.18 |
| G219S+NVD24.3 US | Beimo |  | G2219S+NVD24-3 US | 1 | \$1,103.00 | 58\% | \$463.26 |
| G219S+NVD24MFT US | Beimo |  | G219S+NVD24MFT US | 1 | \$1,206.00 | 58\% | \$506.52 |
| G219S+NVFD24 US | Beimo |  | G219S+NVFD24 Us | 1 | \$1,195.00 | 58\% | \$501.90 |
| G219S+NVFD24.E US | Beimo |  | G219S+NVFD24E US | 1 | \$1,195.00 | 58\% | \$501.90 |
| G219S+NVFD24MFT US | Beimo |  | G219SSNVED24MFT US | 1 | \$1,273.00 | 58\% | \$534.66 |
| G219S+NVFD24-MTT-E US | Beimo |  | G219S+NVFD24-MFT.EUS | 1 | \$1,273.00 | 58\% | \$534.66 |
| G2200tFi20 US | Belimo |  | G2200tFi20 US | 1 | \$1,056.00 | 58\% | \$443.52 |
| ${ }^{\text {G220OLLFI20.S US }}$ | Belimo |  | G220+LLFI20.S US | 1 | \$1,114.00 | 58\% | \$467.88 |
| G220+LF24 US | Beimo |  | G220+LF24 US | 1 | \$1,021.00 | 58\% | \$428.82 |
| G22004L24.3 US | Beimo |  | G220+LF24.3 US | 1 | \$1,092.00 | 58\% | \$458.64 |
| G2200tL243-S US | Beimo |  | $\mathrm{G} 220 \mathrm{LL} \mathrm{L} 24.3 . \mathrm{S}^{\text {US }}$ | , | \$1,151.00 | 58\% | \$483.42 |
| G220+LF24MfT US | Beimo |  | G220+LF24MFT US | 1 | \$1,180.00 | 58\% | \$495.60 |
| G220+LF24.S US | Belimo |  | G220+LF24-S US | , | \$1,080.00 | 58\% | \$453.60 |
| G220+LF24-SR US | Belimo |  | $\mathrm{G} 2200+$ L24-SR US $^{\text {a }}$ | 1 | \$1,118.00 | 58\% | \$469.56 |
| $\mathrm{G} 220+$ LM $124.3 \times 1^{\text {a }}$ | Beimo |  | $\mathrm{C}_{220+4 \mathrm{LM} 24.3 \times 1}$ | 1 | \$880.00 | 58\% | \$369.60 |
| G220+LME24SR.x1 | Beimo |  | G220+LMB24.SR.x1 | 1 | \$974.00 | 58\% | \$409.08 |
| G220+LMx24.MFT-X1 | Belimo |  | G220+LMx24.MFT.-1 | 1 | \$1,019.00 | 58\% | \$427.98 |
| G220+NVD24.3 US | Beimo |  | G220+NVD24.3 US | 1 | \$719.00 | 58\% | \$301.98 |
| G220+nvorampt us | Beimo |  | gr20+nvo24MFT Us | 1 | \$822.00 | 58\% | \$345.24 |
| G220+NVED24 US | Beimo |  | G220+NVFD24 US | 1 | \$849.00 | 58\% | \$356.58 |
| G220+NVFD24E US | Belimo |  | G220+NVF224E US | 1 | \$849.00 | 58\% | \$356.58 |
| G220+NVED24MFT US | Belimo |  | G220+NVFD24MFT US | 1 | \$957.00 | 58\% | \$401.94 |
| G220+NVFD24MFT-E US | Beimo |  | G220+NVFD24MFT-E US | 1 | \$957.00 | 58\% | \$401.94 |
| G220S+LFI20 US | Beimo |  | G220s+LEF120 US | 1 | \$1,295.00 | 58\% | \$543.90 |
| G220S+LFI20.S US | Belimo |  | G220S+LFI20.S US | 1 | \$1,349.00 | 58\% | \$566.58 |
| G220stLLF24 US | Belimo |  | G220StLE24 US | 1 | \$1,299.00 | 58\% | \$545.58 |
| G220StLF24.3 US | Beimo |  | G220StLE24.3 US | , | \$1,327.00 | 58\% | \$557.34 |
| G220StLE24MFT US | Beimo |  | G220StLF24MFT US | 1 | \$1,632.00 | 58\% | \$685.44 |
|  | Belimo |  | G220stLL24.S US | 1 | \$1,357.00 | 58\% | \$569.94 |
| G220St+F24-SR US | Beimo |  | G220s+LF24.SR US | 1 | \$1,570.00 | 58\% | \$659.40 |
| G220S+LM8243.31 | Belimo |  | G220S+LM824.3.1 | 1 | \$1,251.00 | 58\% | \$525.42 |
| G220S+LME24.S8.x1 | Beimo |  | G2205+LLME24.S8-x1 | 1 | \$1,345.00 | 58\% | \$564.90 |
| G220s+LHx24MFT-X1 | Belimo |  | G220s+LHx24MF--X1 | 1 | \$1,381.00 | 58\% | \$580.02 |
| G220S+NVD24.3 US | Beimo |  | G220s+NVD243 US | 1 | \$1,105.00 | 58\% | \$464.10 |
| G220S+NVO24MFT US | Belimo |  | G220S+NVD24.MFT US | 1 | \$1,211.00 | 58\% | \$508.62 |
| G220S+NVFD24 US | Beimo |  | G220S+NVFD24 US | 1 | \$1,197.00 | 58\% | \$502.74 |
| G220S+NVFD24.E US | Beimo |  | G220S+NVFD24E US | 1 | \$1,197.00 | 58\% | \$502.74 |
| G220S+NVFD24MFT US | Beimo |  | G220S+NVED24MFT US | 1 | \$1,241.00 | 58\% | \$521.22 |
| G220S+NVFD24-MET-EUS | Beimo |  | G220s+NVFD24MFT.E US | 1 | \$1,281.00 | 58\% | \$538.02 |
| G224+NFB24.SR.x1 | Beimo |  | G224+NFB24-SR.x1 | , | \$1,187.00 | 58\% | \$498.54 |
| G224+NFEUP-S. $\times 1$ | Beimo |  | G224+NFEUP-S. $\times 1$ | 1 | \$1,184.00 | 58\% | \$497.28 |
| G224NFEUP-X1 | Belimo |  | G224+NFEUP. $\times 1$ | 1 | \$1,087.00 | 58\% | \$456.54 |
| G2244NKK24.MFT-X1 | Belimo |  | G2244NFK24MFT.X1 | 1 | \$1,335.00 | 58\% | \$560.70 |
| G224+MM824.3.1 | Beimo | 2.way GV, Brozze Trim, 1 " Cv 10 with Non-Spring Return,90 intb, Onvoltffloating,24V | $\mathrm{C}^{2} 24$ +NMB24.3.1 | 1 | \$972.00 | 58\% | \$408.24 |
| G224.NMB24.SR.x1 | Beimo |  | G224.NMB24.SR.x1 | 1 | \$1,070.00 | 58\% | \$449.40 |
| G2244NMX24-MFT-x1 | Beimo |  | G224+NMX24MFT-X1 | 1 | \$1,118.00 | 58\% | \$469.56 |
| g224+NV24.3 Us | Beimo |  | G224+NV24.3 Us | 1 | \$780.00 | 58\% | \$327.60 |
| G224+NV24MFT US | Beimo |  | G224+NV24Met US | 1 | \$886.00 | 58\% | \$372.12 |
| G224+NVF24.MFT US | Beimo |  | G224+NVF24MFT US | 1 | \$990.00 | 58\% | \$415.80 |
| G224+NVF24-MFT-E US | Beimo |  | G224+NVE24MfTE US | , | \$990.00 | 58\% | \$415.80 |
| G224S+NE824-SR.X1 | Belimo |  | G224S+NE824-SR.X1 | 1 | \$1,605.00 | 58\% | \$674.10 |
| G224S+NFEUP.S. $\times 1$ | Belimo |  | G224S+NFEUP.S. $\mathrm{X}_{1}$ | 1 | \$1,594.00 | 58\% | \$669.48 |
| G224S+NFBup.x1 | Beimo |  | G224S+NFEUP.-X1 | 1 | \$1,497.00 | 58\% | \$628.74 |
| G224S+NFK24MFT-X1 | Beimo |  | G224S+NFK24MFT-X1 | , | \$1,756.00 | 58\% | \$737.52 |
| G224S+MMB243. $\times 1$ | Belimo |  | 6224S+NMB24.3. ${ }^{1}$ | 1 | \$1,389.00 | 58\% | \$583.38 |
| G224S+NMB24.SR-×1 | Beimo |  | G224S+NMB24-SR.X1 | 1 | \$1,484.00 | 58\% | \$623.28 |
| G224S+NMX24-MFT-x1 | Beimo |  | G224S+MMX24MF-×1 | 1 | \$1,526.00 | 58\% | \$640.92 |
| G224S+NV24.3 Us | Beimo |  | G224S+NV24.3 Us | 1 | \$1,235.00 | 58\% | \$518.70 |
| G224S+NV24MFT US | Beimo |  | G224S+NV24MFT US | 1 | \$1,363.00 | 58\% | \$572.46 |
| G224S+NVF24-MFT US | Beimo |  | G224S+NVF24MET US | 1 | \$1,442.00 | 58\% | \$605.64 |
| G224S+NVF24MFT-E US | Beimo |  | G224S+NVF24MET-E US | 1 | \$1,442.00 | 58\% | \$605.64 |
| G225+NFB24-SR.x1 | Belimo |  | G225+NFB24-SR.x1 | 1 | \$1,189.00 | 58\% | \$499.38 |
| G225+NREUP-S. $\times 1$ | Beimo |  | G225+NfEUUPS. $\times 1$ | 1 | \$1,187.00 | 58\% | \$498.54 |
| G225+NEBUP.X1 | Belimo |  | G225+NFEUP-X1 | 1 | \$1,089.00 | 58\% | \$457.38 |
|  | Beimo |  | G225-NFK24.MFT-X1 | 1 | \$1,337.00 | 58\% | \$561.54 |
| G225+NMB24.3.1 | Beimo |  | G225+NM824.3. ${ }^{1}$ | 1 | \$974.00 | 58\% | \$409.08 |
| G225-MMB24-SR.X1 | Beimo | 2.way GV, Bronze Tim, 1 " ov 14 with Non-Sping Return,90 intb, ,2-10 voc, 24 V | G225-NMB24-SR.x1 | 1 | \$1,072.00 | 58\% | \$450.24 |
| G225+NMX24.MF--x1 | Beimo | 2.way GV, Bronze Tim, 1 " cov 14 with Non-Sping Return,90 into, Mer, 24 V | G225+NMX24MFT-X1 | 1 | \$1,120.00 | 58\% | \$470.40 |
| G225+NV24.3 US | Beimo |  | $\mathrm{G} 225+N \mathrm{~N} 24.3$ Us $^{\text {a }}$ | 1 | \$785.00 | 58\% | \$329.70 |
| G225+NV24Met US | Beimo |  | G225+NV24MFT US | , | \$894.00 | 58\% | \$375.48 |
| G225+NVF24-MFT US | Beimo |  | G225+NVF 24 MFT US | 1 | \$996.00 | 58\% | \$418.32 |
| G225+NVF24.MFT.E US | Belimo |  | G225+NVE24MfTE US | 1 | \$996.00 | 58\% | \$418.32 |
| G2255+NE824.SR.X1 | Balimo |  | G225s + N-F224-SR.X1 | 1 | \$1,608.00 | 58\% | \$675.36 |
| G225S+NFBUP.S. $\times 1$ | Beimo |  | G225S+NFEUP.S. $\times 1$ | 1 | \$1,596.00 | 58\% | \$670.32 |
| G2255+NFEUP-×1 | Belimo |  |  | 1 | \$1,499.00 | 58\% | \$629.58 |
| G225S+NFX24MFT95.x1 | Beimo |  | G2225+NFK24.MFTr95.x1 | 1 | \$1,781.00 | 58\% | \$748.02 |
|  | Beimo | 17, 2.WAY, GLobe valve, Ss, MPT, CV=14 with Sping Reumm,90 in.lb, MFT, 24V |  | , | \$1,758.00 | 58\% | \$738.36 |
| G225S+NMB223.31 | Belimo |  | G2225+NMB24.3. $\times 1$ | + | \$1,391.00 | 58\% | \$584.22 |
| G225S+NME24.S8-×1 | Beimo |  | G225S+NME24.S8-.x1 | 1 | \$1,486.00 | 58\% | \$624.12 |
| 6225+NMX24-MFT-X1 | Belimo |  | G225S+NMX24MF-×1 | 1 | \$1,528.00 | 58\% | \$641.76 |
| G225S+NV24.3 US | Beimo |  | G225S+NV243 Us | 1 | \$1,241.00 | 58\% | \$521.22 |
| G2225SNV24MET US | Belimo |  | G225s+NV24-Mme US | + | \$1,369.00 | 58\% | \$574.98 |
| ${ }_{\text {G225s+NVF24MFT US }}$ | Bolimo |  | G225s+NVF24MFT Us | 1 | \$1,489.00 | 58\% | \$625.38 |

The scope of this contract includes the following
Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated
Microprocessor-Controlled HVAC Equipment in a building or facility, Building Management Systems and Buidding Control Systems are also subcategories of Building Automation Systems. icroprocessor-Controlied HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems,
3. Itegrated Microprocessons-Conded HVAC Equiputerized syster, Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and , commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
Integrated BAS/EMS/IItegrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
of Integrated Microprocessor-Based HVAC Equipmen

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpse 1 , Telecommumicaions, Networking Cabing,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Model Number |  |  | duct Code | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54 " | Lst Pice | \% Discoumt | Nvs |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| G225S+NVF24MF-E US | Beimo |  | G225S+NVF24MFT-E US | 1 | \$1,489.00 | 58\% | \$625.38 |
| G232+NFB24-SR-X1 | Belimo |  | G232+NFE24-SR-X1 | 1 | \$1,271.00 | 58\% | \$533.82 |
| G232+NFEUPP.S. $\times 1_{1}$ | Belimo |  | G232+NFELPP.S. $\times 1$ | 1 | \$1,268.00 | 58\% | \$532.56 |
| G232+NFEUP-X1 | Beimo |  | G232+NFEbuP. $\mathbf{x}_{1}$ | 1 | \$1,171.00 | 58\% | \$491.82 |
| G232+NF×24MFT. ${ }^{\text {a }}$ | Beimo |  | G232+NXK24-MTT-x1 | 1 | \$1,420.00 | 58\% | \$596.40 |
| G223+NMB243.×1 | Belimo |  | 6232+NM824.3.1 | 1 | \$1,058.00 | 58\% | \$444.36 |
| G232+NMB24-SR-X1 | Beimo |  | G232+MMB24-SR-X1 | 1 | \$1,153.00 | 58\% | \$484.26 |
| G232+NMX24-MFT- ${ }^{1}$ | Belimo |  | G232+NMX24MF-×1 | 1 | \$1,202.00 | 58\% | \$504.84 |
| G232+NV24.3 US | Belimo |  | G232+NV24.3 Us | 1 | \$854.00 | 58\% | \$358.68 |
| G232+NV24MFT US | Belimo |  | G232+NV24MFT US | 1 | \$962.00 | 58\% | \$404.04 |
| G233+NVF24MFT US | Belimo |  | G232+NVF24MFT US | 1 | \$1,092.00 | 58\% | \$458.64 |
| G232+NVF24MET-E US | Belimo |  | G232+NVF24MFT-E US | 1 | \$1,092.00 | 58\% | \$458.64 |
| G232S+NFE84-SR.X1 | Beimo |  | G232S+NE824.SR-X1 | 1 | \$1,905.00 | 58\% | \$800.10 |
| G232S+NFBup.S. $\mathbf{x}_{1}$ | Beimo | $11 / 44^{2}, 2 \mathrm{WAY}, \mathrm{GLOBE}$ VALVE, SS,NPT, CV=20 with Spring Return,90 in-lb, On/Oft, 24 to 240 V | G232S+NFEUP.S. $\times 1$ | 1 | \$1,888.00 | 58\% | \$792.96 |
| G2323+NFEUP-X1 | Belimo | $11 / 44^{4}, 2$ WAY, GLOBE VALVE, SS,NPT, CV=20 with Spring Return, 90 in-lb, On/oti, 24 to 240 V | 6232S+NFBup-x1 | 1 | \$1,790.00 | 58\% | \$751.80 |
| G232S+NFK24MFT-X1 | Beimo |  | G232S+NFX24MFT-X1 | 1 | \$2,053.00 | 58\% | \$862.26 |
| G232S+MM824.3.1 | Beimo | 1 1/4",2-WAY, GLOBE VALVE, SS,NPT, CV=20 with Non-Spring Return, 90 in-lb ,On/Off/Floating,24V | G232S+NMB24.3.1 | 1 | \$1,692.00 | 58\% | \$710.64 |
| G2325+NMB24.SR-x1 | Belimo |  | G232S+NME24.S8-×1 | 1 | \$1,786.00 | 58\% | \$750.12 |
| G223S+NMX24-MFT-X1 | Beimo |  | G232S+NMX24.MFT-X1 | 1 | \$1,814.00 | 58\% | \$761.88 |
| G232S+N24.3 US | Beimo | 1 1/4",2-WAY, GLOBE VALVE, SS,NPT, CV=20 with lbf,On/Off/Floating,24V | G223S+NV243 US | 1 | \$1,638.00 | 58\% | \$687.96 |
| gz23s+NV24MFT US | Beimo |  | G2325+NV24.MFT US | 1 | \$1,612.00 | 58\% | \$677.04 |
| G2323+NVF24MFT US | Beimo |  | G2323+NVF24MFT US | 1 | \$1,866.00 | 58\% | \$783.72 |
| G232S+NVF24.MFT.E US | Beimo |  | G232S+NVF24-MFT-EUS | 1 | \$1,866.00 | 58\% | \$783.72 |
| G240+AFB24.SR.x1 | Beimo |  | G240+AFB24-SR-×1 | 1 | \$1,588.00 | 58\% | \$666.96 |
| G220+AFEUPP. $\times$ x ${ }^{\text {a }}$ | Belimo |  | $\mathrm{G}_{\text {220OAfEUPPS. } \times 1}$ | 1 | \$1,572.00 | 58\% | \$660.24 |
| G240+AFBup.x1 | Belimo |  | g240AAFBup-x1 | 1 | \$1,526.00 | 58\% | \$640.92 |
|  | Beimo |  | G240AAFX24.Mer-s.x1 | 1 | \$1,694.00 | 58\% | \$711.48 |
| G2200AFX24-MET-X1 | Beimo |  | G240AAFK24-MET-X1 | 1 | \$1,650.00 | 58\% | \$693.00 |
| G 2200 AMB224.3.1 $^{\text {a }}$ | Belimo |  | $\mathrm{G}^{\text {220+AABB24.3.1 }}$ | 1 | \$1,379.00 | 58\% | \$579.18 |
| G240+AMB24-SR-X1 | Beimo |  | G240+AMB24-SR.x1 | 1 | \$1,418.00 | 58\% | \$595.56 |
| G220+AMX24MFT95.x1 | Belimo |  | G240+AMX24MFT95.x1 | 1 | \$1,455.00 | 58\% | \$611.10 |
| G240+AMX24.MFT- ${ }^{\text {a }}$ | Belimo | 2 -way GV, Brozze Tim, 1-1/2" Cv 28 with Non-Spring Retur, 80 intb, Mer, 24 LV | G240+AMX24-MFT- ${ }^{1}$ | 1 | \$1,464.00 | 58\% | \$614.88 |
| G220+NV24.3 US | Belimo |  | G240+NV24.3 US | 1 | \$979.00 | 58\% | \$411.18 |
| G220+NV24MFT US | Beimo |  | G220+NV24MFT US | 1 | \$1,094.00 | 58\% | \$459.48 |
| G240+NVF24MFT US | Belimo |  | G240+NVF24MFT US | 1 | \$1,158.00 | 58\% | \$486.36 |
| G240+NVF24MET-E US | Belimo |  | G240+NVF24MET-E US | 1 | \$1,158.00 | 58\% | \$486.36 |
| G240+NVG24MFT US | Beimo |  | G240+NVG24MFT Us | 1 | \$1,482.00 | 58\% | \$622.44 |
| G240SSAFB24-SR-X1 | Belimo |  | G240S + AF824SR-X1 | 1 | \$2,399.00 | 58\% | \$1,007.58 |
| G240SAFEBUP.S. x $_{1}$ | Belimo |  | G240SAFEUP.S. x $^{1}$ | 1 | \$2,361.00 | 58\% | \$991.62 |
| G240S+AFBup. $\mathrm{X}_{1}$ | Belimo |  |  | 1 | \$2,335.00 | 58\% | \$980.70 |
| G240SAAFX24.MFT. P1 $^{1}$ | Belimo |  | G240SAAFX24-MFT.S.x1 | 1 | \$2,481.00 | 58\% | \$1,042.02 |
| G240S+AFX24MFT-X1 | Belimo |  | G240S+AFX24-MFT-X1 | 1 | \$2,461.00 | 58\% | \$1,033.62 |
| G240S+AMB24.3. $\times 1$ | Belimo | $11 / 2^{\prime \prime}, 2-\mathrm{WAY}, \mathrm{GLOBE}$ VALVE, SS,NPT, CV=28 with Non-Spring Return, $180 \mathrm{in}-\mathrm{lb}$ On/Off/Floating,24V | G270S+AMB24.3.x1 | 1 | \$2,187.00 | 58\% | \$918.54 |
| G240SAAMB24-SR: $\mathrm{x}_{1}$ | Belimo |  | G240S+AM324.SR.X1 | 1 | \$2,217.00 | 58\% | \$931.14 |
| G240S+AMx24-MFT95.X1 | Belimo |  | G240S+AMX24.MFT95.x1 | 1 | \$2,227.00 | 58\% | \$935.34 |
|  | Beimo |  | G240S+AMX24.MF-.x1 | 1 | \$2,251.00 | 58\% | \$945.42 |
| G240S+NV24.3 US | Belim | $11 / 2^{\prime \prime}, 2$-WAY, GLOBE VALVE, SS,NPT, CV=28 with Non-Spring Return, 225 lbf,On/Off/Floating,24V | G220S+NV243 US | 1 | \$1,817.00 | 58\% | \$763.14 |
| G240S+NV24MFT US | Belimo |  | G240S+NV24.MFT US | 1 | \$1,898.00 | 58\% | \$797.16 |
| G240S+NVF24-MFT US | Belimo |  | $\mathrm{G} 2405+$ +NVF24MFT Us $^{\text {a }}$ | 1 | \$2,059.00 | 58\% | \$864.78 |
| G240S+NVF24.MFT-E US | Beimo |  | G240S+NVF24.MFT.E US | 1 | \$2,059.00 | 58\% | \$864.78 |
| G240S+NVG24MFT US | Beimo |  | G240S+NGG24MFT US | 1 | \$1,491.00 | 58\% | \$626.22 |
| G250+AFB24.SR.x1 | Beimo |  | G250AABE24-SR. $\times 1$ | 1 | \$1,704.00 | 58\% | \$715.68 |
| G220OAFBUP.S. $\times 1$ | Belimo |  | G2200AFEUP.S. $\times 1$ | 1 | \$1,632.00 | 58\% | \$685.44 |
| c250+AFBup-X1 | Beimo |  | G250 AfBup-X1 | 1 | \$1,583.00 | 58\% | \$664.86 |
|  | Beimo |  | G250AAF24.Mer-s.x1 | 1 | \$1,750.00 | 58\% | \$735.00 |
| G2200AFX24-MET-X1 | Beimo |  |  | 1 | \$1,709.00 | 58\% | \$717.78 |
| G250+AMB24.3. ${ }^{1}$ | Belimo |  | G250+AMB24.3.1 | 1 | \$1,495.00 | 58\% | \$627.90 |
| G250+AMB24.SR.×1 | Beimo |  | G2250AMB24.SR.×1 | 1 | \$1,548.00 | 58\% | \$650.16 |
| G220+AMX24MF-95.x1 | Beimo |  | G2250+AMX24.MFT95.X1 | 1 | \$1,574.00 | 58\% | \$661.08 |
| G250+AMX24MFT-X1 | Belimo | 2.way GV, Bronze Tin, $2^{\prime \prime}$ C C 40 with Non-Sping Reutr, 188 in-lb, MFT, 24V | G250+AMX24-MFT- $\mathbf{x}^{1}$ | 1 | \$1,583.00 | 58\% | \$664.86 |
| G250+NV24.3 Us | Beimo |  | G250+NV24.3 Us | 1 | \$1,120.00 | 58\% | \$470.40 |
| G250+NV24MFT U | Belimo |  | G250+NV24MFT US | 1 | \$1,231.00 | 58\% | \$517.02 |
| G250+NVF24MFT US | Belimo |  | G250+NVF24MFT US | 1 | \$1,349.00 | 58\% | \$566.58 |
| G220+NVE24.MfT-E US | Beimo |  | G250+NVF 24MFT-E US | 1 | \$1,349.00 | 58\% | \$566.58 |
| G250+NVG24MFT US | Belimo |  | G250+NVG24MET US | 1 | \$1,709.00 | 58\% | \$717.78 |
| G2505SAFB24-SR-X1 | Belimo |  | G2505 + AFB24SR-X1 | 1 | \$2,584.00 | 58\% | \$1,085.28 |
| G2505+AFBuP.S. $\times_{1}$ | Beimo |  |  | 1 | \$2,613.00 | 58\% | \$1,097.46 |
| G250S+AFBUP. X1 $^{\text {d }}$ | Beimo |  | G250S+AFBUP. $\times 1$ | 1 | \$2,520.00 | 58\% | \$1,058.40 |
| G250SAFXX24.MFT. $\times 1$ | Beimo |  | G250S+AFX24MFT.S.x1 | 1 | \$2,660.00 | 58\% | \$1,117.20 |
| G250S AFFX24.MF-X1 | ${ }^{\text {Belimo }}$ |  | $\mathrm{G} 2250 S+A F \times 24 . M F-\times 1^{\text {a }}$ | 1 | \$2,644.00 | 58\% | \$1,110.48 |
| G250SAME24.3. $\times 1$ | Belimo |  | G2505 + AMB24.3. $\times 1$ | 1 | \$2,373.00 | 58\% | \$996.66 |
| G250S+AMB24.S8-x1 | Belino |  | G2505 + AMB24.SR-x1 | 1 | \$2,395.00 | 58\% | \$1,005.90 |
| G250S+AMX24MFT95.X1 | Beimo |  | G2505+AMX24.MFT95. $\mathbf{1}_{1}$ | 1 | \$2,401.00 | 58\% | \$1,008.42 |
| G205S+AMX24MFT-X1 | Beimo |  | G250S+AMX24.MF-×1 | 1 | \$2,430.00 | 58\% | \$1,020.60 |
| G250S+NV24.3 Us | Beimo |  | G205S+NV24.3 US | 1 | \$2,027.00 | 58\% | \$851.34 |
| G2505+NV24MET US | Belimo |  | G2505+NV24MET US | 1 | \$2,106.00 | 58\% | \$884.52 |
| G250S+NVF24MFT US | Beimo |  | G250S+NVF24MFT US | 1 | \$2,267.00 | 58\% | \$952.14 |
| G250S+NVF24.MTT-E US | ${ }^{\text {Belimo }}$ | $2^{2}$, 2.WAY, GLobe Valve, Ss, NPT, CV=40 with Non-Sping Reumm, 180 bit,MFT, 24V | G2505+NVF24MFT-E US | 1 | \$2,267.00 | 58\% | \$952.14 |
| G2503+NGG24MFT US | Belimo | ${ }^{2}$ ', 2.WAY, Globe Valve,Ss, NPT, CV=40 with Non-Spinig Reutm,360 lit,MFT, 24V | G250S+NVG24MFT US | 1 | \$2,741.00 | 58\% | \$1,151.22 |
| G3144LFI20 US | Beimo |  | G3144LFF20 US | 1 | \$1,028.00 | 58\% | \$431.76 |
| ${ }_{\text {G314tLFI20.S U }}$ | Belimo |  | ${ }^{\text {G3314tLFI20.SUS }}$ | 1 | \$1,087.00 | 58\% | \$456.54 |
| G314+LF24 US | Belimo |  | G314+LF24 US | 1 | \$994.00 | 58\% | \$417.48 |
| G314+L-24.3 US | Beimo |  | G3144LF243 US | 1 | \$1,065.00 | 58\% | \$447.30 |
| G3144LE24MFT US | Beimo |  | G3144LE24MFT US | 1 | \$1,147.00 | 58\% | \$481.74 |

The scope of this contract includes the following
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and in integrated with the Integrated icroprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equpent such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory
 commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
Integrated BAS/EMS/IItegrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FreAlam Interface Pane (MAP), and/or other similar device, which uilize certain proiochs (e.g. BAC Ne, Lonfal, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs howers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
. Factory Installed/Factory-Provided micro-processor--controlled included/controte $/ \mathbf{O}$ modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose 1 , Telecommumications, Networking Cabing, fier optics (e.g. phone, pbx, digial centrex, digital key systems, television, cable, -Line, general broadband,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to low enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Oodel Mumber |  | pitor | duect Code | $\begin{gathered} \text { "Warranty Period - \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54 \text { " } \end{gathered}$ | Lstrice | \% Did | Nrs Nat Pice |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| G314tLF24-S US | Balimo |  | G314tLF24-S US | 1 | \$1,052.00 | 58\% | \$441.84 |
| G314tLE24SR us | Balimo |  | G3144LL24.SR Us | 1 | \$1,087.00 | 58\% | \$456.54 |
| G3144LIM824.3.1 | Baimo |  | G314+LME24.3.31 | 1 | \$904.00 | 58\% | \$379.68 |
| G314+LMB24SR.×1 | Baimo |  | G314+LMB24-SR-X1 | 1 | \$1,001.00 | 58\% | \$420.42 |
| G3144LMx24.MET.-1 | Baimo |  | G3144LHx24.MET. $\mathbf{x}_{1}$ | 1 | \$1,043.00 | 58\% | \$438.06 |
| G314+Nv24.3 US | Balimo |  | G314+Nv24.3 Us | 1 | \$750.00 | 58\% | \$315.00 |
| G314+NvD24MFT Us | Baimo |  | G314+ND24MET US | 1 | \$849.00 | 58\% | \$356.58 |
| G314NVED24 US | Baimo |  | G314NVFD24 Us | 1 | \$844.00 | 58\% | \$354.48 |
| G314-NVFD24EUS | Baimo |  | G314+NVFD24-E US | 1 | \$844.00 | 58\% | \$354.48 |
| G314NVED24MFT US | Baimo |  | G314NVFD24MFT Us | 1 | \$935.00 | 58\% | \$392.70 |
| G314-NvFD24MFT-E US | Baimo |  | G314+NVFD24MET-E US | 1 | \$935.00 | 58\% | \$392.70 |
| G315+LF120 US | Balimo |  | G315+LF120 US | 1 | \$1,030.00 | 58\% | \$432.60 |
| ${ }_{\text {G315 }}$ +L-120.S US | Baimo |  | ${ }_{\text {a }}$ 6315LLFI20.S US | 1 | \$1,089.00 | 58\% | \$457.38 |
| G315+L-24 US | Baimo |  | G315+LF24US | 1 | \$996.00 | 58\% | \$418.32 |
| G315+LF24.3 US | Balimo |  | G3154t-243 US | 1 | \$1,067.00 | 58\% | \$448.14 |
| G315+LE24MFTU US | Balimo |  | G315+LE24MFT US | 1 | \$1,149.00 | 58\% | \$482.58 |
| G315+L-24.S US | Baimo |  | G315+L-24-S US | 1 | \$1,054.00 | 58\% | \$442.68 |
| G315 + L24.SR us | Baimo |  | G315tLLF24SR Us $^{\text {a }}$ | 1 | \$1,089.00 | 58\% | \$457.38 |
| 6315+LM324.3.1 | Baimo |  | 6315+LME24.3.31 | 1 | \$906.00 | 58\% | \$380.52 |
| G315+LMB24-SR-×1 | Baimo |  | G315+LMB24-SR-X1 | 1 | \$1,004.00 | 58\% | \$421.68 |
| G315+LMx24.MET-X1 | Baimo |  | G315+LMx24.MET-X1 | 1 | \$1,048.00 | 58\% | \$440.16 |
| G315+NV24.3 Us | Baimo |  | G315+NV24.3 US | 1 | \$752.00 | 58\% | \$315.84 |
| G315+NVD24MFT US | Baimo | 3.way Gv, Bronze Tim, 112" C v 4.4 with Non-Sping Return,90 ut,Mer, 24 V | G315+NVD24MET US | 1 | \$852.00 | 58\% | \$357.84 |
| $\mathrm{G}^{\text {G315 NNVFD24 }}$ | Baimo |  | G315+NVED24 Us | 1 | \$846.00 | 58\% | \$355.32 |
| G315+NVFD24E US | Balimo |  | G315-NVFD24-E US | 1 | \$846.00 | 58\% | \$355.32 |
| G315+NVED24MET US | Beimo |  | $\mathrm{G}^{\text {G315+NVFD24MFT US }}$ | 1 | \$938.00 | 58\% | \$393.96 |
| G315+NVFD24MFT-E US | Baimo |  | G315+NVFD24-MFT-E US | 1 | \$938.00 | 58\% | \$393.96 |
| G3150+LFI20 US | Balimo | $1 / 2$ "3 Way Divering GV CV=4.4.4 with Speing, 35inlb, Onolt, 120V | G3150+LFI20 Us | 1 | \$1,195.00 | 58\% | \$501.90 |
| G3150+LFI20.S US | Baimo |  | G3150+LFI20-S US | 1 | \$1,253.00 | 58\% | \$526.26 |
| G3150+LF24US | Baimo |  | G3150+LF24 US | 1 | \$1,160.00 | 58\% | \$487.20 |
| G3150+LF24.3us | Baimo | $1 / 2^{\prime \prime} 3$ Way Divering GV CV=4.4 with Spring, 35in-b, Floaing, 24V | G3150+LE24.3 US | 1 | \$1,231.00 | 58\% | \$517.02 |
| G3150+LLF24MFT US | Baimo | 12.3 Way Diveting GV CV=4.4 with Sping, 35in-b, MFT, 24V | G3150+LF24-MFT US | 1 | \$1,315.00 | 58\% | \$552.30 |
| ${ }^{\text {G33150+LF24.S US }}$ | Baimo |  | $\mathrm{G}^{\text {G3150+LE24.S US }}$ | 1 | \$1,219.00 | 58\% | \$511.98 |
| G3150+LF24.SR US | Baimo | $1 / 2 r^{3} 3$ Way Divering GV CV=4.4.4 with Spring, 35in-b, $2 \cdot-10 \mathrm{OV}, 24 \mathrm{~V}$ | G3150ttr24SR U | 1 | \$1,253.00 | 58\% | \$526.26 |
| G3150+LLMB24.3.x1 | Balimo |  | G3150+LMB24.3.x1 | 1 | \$1,078.00 | 58\% | \$452.76 |
| G3150++MB24.SR-X1 | Balimo |  | G3150+LME24.SR-x1 | 1 | \$1,173.00 | 58\% | \$492.66 |
| G3150+LMX24.MT--X1 | Baimo |  | G3150+LUx24-MFT-X1 | 1 | \$1,211.00 | 58\% | \$508.62 |
| G3150+NvD243 us | Beimo |  | G3150+NVD24.3 Us | 1 | \$926.00 | 58\% | \$388.92 |
| G3155+NVD24MFT US | Baimo | $1 / 2^{\prime \prime} 3$ Way Divering GV Cv=4.4.4 with Non-Spring Reumn,90 lbt,M-T, 24V | G3155+NVD24MFT US | 1 | \$1,028.00 | 58\% | \$431.76 |
| G315D+NVFD24Us | Baimo |  | G3150+NVFD24 US | 1 | \$1,026.00 | 58\% | \$430.92 |
| G3150+NVFD24E US | Baimo |  | G3150+NVFD24.E US | 1 | \$1,026.00 | 58\% | \$430.92 |
| G3150+NVFD24MFT US | Baimo | $122^{\prime \prime} 3$ Way Divering GV CV=4.4.4 with Non-Spring Reumn,90 blt,Mr., 24V | G315D+NVFD24MFT US | 1 | \$1,127.00 | 58\% | \$473.34 |
| G3150+NVED24MET-E US | Beimo |  | G315D+NVFD24MFT-E US | 1 | \$1,127.00 | 58\% | \$473.34 |
| G330+LF120 Us | Baimo |  | G3200LFF20 Us | 1 | \$1,032.00 | 58\% | \$433.44 |
| G320LLFI20.S US | Baimo |  | G320+LFI20.S US | 1 | \$1,092.00 | 58\% | \$458.64 |
| 6330+LF24 US | Baimo |  | G320+LF24US | 1 | \$999.00 | 58\% | \$419.58 |
| ${ }_{\text {G320+LF24.3 US }}$ | Baimo |  | $\mathrm{G} 320 \mathrm{LLF24.3} \mathrm{US}^{\text {d }}$ | 1 | \$1,070.00 | 58\% | \$449.40 |
| G320+LE24MFT US | Beimo |  | G320+LF24MFT US | 1 | \$1,151.00 | 58\% | \$483.42 |
| G320+LF24.S US | Belimo |  | G320+LF24.S US | 1 | \$1,056.00 | 58\% | \$443.52 |
| G320+LF24-SR US | Belimo |  | c320+LF24SR US | 1 | \$1,092.00 | 58\% | \$458.64 |
| G320+LME24.3.1 | Beimo | 3-way Globe Valve NPT 3/4" Cv 7.5 Bronze body/seat, stainless steel stem with Non-Spring Return, 45 in-lb ,On/Off/Floating,24V | G320+LME24.3.31 | 1 | \$908.00 | 58\% | \$381.36 |
| G320+LMB24SR.x1 | Beimo |  | G320+LMB24.SR.x1 | 1 | \$1,006.00 | 58\% | \$422.52 |
| G320+LMx24.MFT.-1 | Beimo |  | G320+LMx24.MET.X1 | 1 | \$1,050.00 | 58\% | \$441.00 |
| G320+NVD24.3 US | Belimo |  | $\mathrm{G}^{\text {G32+NVO24.3 us }}$ | 1 | \$756.00 | 58\% | \$317.52 |
| G320+NVD24MFT US | Beimo |  | G320+NVD24MFT US | 1 | \$856.00 | 58\% | \$359.52 |
| G32++NVED24 US | Belimo |  | G320+NVFD24 US | 1 | \$886.00 | 58\% | \$372.12 |
| G320+NVFD24E US | Beimo |  | G320+NVFD24.E US | 1 | \$886.00 | 58\% | \$372.12 |
| G320+NVED24MFT US | Beimo |  | G320+NVFD24MET US | 1 | \$977.00 | 58\% | \$410.34 |
| G320+NVFD24MFT.EUS | Beimo | 3-way Globe Valve NPT 3/4" Cv 7.5 Bronze body/seat, stainless steel stem with Non-Spring Return, 90 lbf,MFT,24V | G320+NVFD24MFT.EUS | 1 | \$977.00 | 58\% | \$410.34 |
| G3200+LF120 US | Belimo | $314{ }^{4} 3$ Way Divering GV CV=7.5 will Sping, 35inl-b, Onnolt, 120 V | ${ }^{\text {G3200 LLF } 120 ~ U S ~}$ | 1 | \$1,217.00 | 58\% | \$511.14 |
| G3200tLFI20.S US | Belimo | $34^{4} 3$ Way Divering GV CVe=7.5 with Sping, 35inlb, Onoltt, 120V, SW | G3200LLFI20.S US | 1 | \$1,273.00 | 58\% | \$534.66 |
| G3200tLF24 US | Belimo | $344 " 3$ Way Diveting GV Cve7. 5 with Sping, 35in-b, Ondoft, 24 V | G3200+L-22 US | 1 | \$1,182.00 | 58\% | \$496.44 |
| ${ }^{\text {G3200 }+ \text { L2 } 24.3 \text { Us }}$ | Belimo | $34^{4 / 3}$ W Way Divering gV Cove7. 5 with Spping, 35inivb, Floaing, 24V | ${ }_{\text {c }}^{\text {G3200 }+ \text { L2 } 243 \text { US }}$ | 1 | \$1,251.00 | 58\% | \$525.42 |
| G3200+LLF24MFT US | Belimo | 344 " Way Divering GV CVe7.5 with Sping, 35in-b, MFT, 24 V | G3200+LLF24MFT US | 1 | \$1,335.00 | 58\% | \$560.70 |
| ${ }^{\text {G3200 }}$ +2-24.SUS | Belimo |  | ${ }^{\text {G3200+LF24.S US }}$ | 1 | \$1,239.00 | 58\% | \$520.38 |
| ${ }^{\text {G3200+L-244SR US }}$ | Belimo |  | G3200 L L24 4 SR US | 1 | \$1,273.00 | 58\% | \$534.66 |
| 63200+LIMB24.3. $\times 1$ | Belimo |  | ${ }^{\text {G3200 }}$ +LMB243.3.1 | 1 | \$1,098.00 | 58\% | \$461.16 |
| $\mathrm{G}^{\text {G3200+LIMB24.SSR. } \mathrm{x}_{1}}$ | Belimo |  | G3200+LLM824.SR. $\mathrm{x}_{1}$ | 1 | \$1,182.00 | 58\% | \$496.44 |
|  | Belimo |  | G3200+LWX24-MF-×1 | 1 | \$1,221.00 | 58\% | \$512.82 |
| G3200+NVD243 US | Belimo |  | G3200+NVD24.3 US | 1 | \$950.00 | 58\% | \$399.00 |
| G320+NVD24MFT US | Belimo |  | G3200+NVD24MFT US | 1 | \$1,056.00 | 58\% | \$443.52 |
| $\mathrm{G}^{\text {G3200+NVFD224S }}$ | Belimo |  | $\mathrm{G}^{\text {G3200 +NVFD2 } 24 \mathrm{US}}$ | 1 | \$1,054.00 | 58\% | \$442.68 |
| G3200+NVFD24.E US | Belimo |  | G3200+NVFD24.E US |  | \$1,054.00 | 58\% | \$442.68 |
| G3200+NVFD24-MFT US | Belimo |  | G3200+NVFD24MFT US | 1 | \$1,155.00 | 58\% | \$485.10 |
| G3200+NVFD24MET-E US | Beimo |  | G3200+NVFD24MFT.E US | + | \$1,155.00 | 58\% | \$485.10 |
| G325-NFB24.SR.x1 | Beimo |  | G325-N/EB24.SR.x1 | 1 | \$1,153.00 | 58\% | \$484.26 |
| G325+NFEUP-S.×1 | Belino |  | G325-NFEUP-S. $\times 1$ | 1 | \$1,050.00 | 58\% | \$441.00 |
| G325+NFEbup-x 1 | Beimo |  | G325+NFEbup.x | 1 | \$952.00 | 58\% | \$399.84 |
| G325+NFK24.MFT-X1 | Belimo |  | G3325NFK24.MET-X1 | 1 | \$1,325.00 | 58\% | \$556.50 |
| G325+NME243.11 | Beimo |  | G325+NMB24.3.1 | 1 | \$999.00 | 58\% | \$419.58 |
| G325-MMB24-SR-X1 | Beimo |  | G325-MMB24-SR-X1 | 1 | \$1,083.00 | 58\% | \$454.86 |
| G325+NMX24.MET.-1 | Beimo | 3-way Globe Valve NPT 1" CV 14 Bronze body/seat, stainless steel stem with Non-Spring Return, 90 | G325-MXX24-MFT. $\mathbf{x}$ | 1 | \$1,131.00 | 58\% | \$475.02 |
| G325+NV24.3 US | Beimo |  | G325+NV24.3 US | 1 | \$816.00 | 58\% | \$342.72 |
| G325+NV24MeT US | Belino |  | G325+NV24M-T US | 1 | \$916.00 | 58\% | \$384.72 |
| G325+NVF24MFT US | Beimo |  | G325+NVF24MFT US | 1 | \$1,023.00 | 58\% | \$429.66 |
| G325+NVF24-MT-E US | Belimo |  | G325+NVF24MfTE US | 1 | \$1,023.00 | 58\% | \$429.66 |
| G325D+NFE24.SR.x1 | Belimo |  | G325D+NF824.SR.x1 | 1 | \$1,415.00 | 58\% | \$594.30 |
| G3250NFBUP.S. $\times 1$ | ${ }^{\text {Belino }}$ |  | G3250+NFEUP. $\mathrm{S} \times \mathbf{x}_{1}$ | , | \$1,313.00 | 58\% | \$551.46 |
| G325D+NFEUP $\times$ X1 | Beimo |  | G3250+NFBup-x1 | 1 | \$1,215.00 | 58\% | \$510.30 |
|  | Belimo | ${ }^{143} 3$ Way Divering GV CV=15 with Sping Reutr,90 in-b, MrF, 24 V |  | 1 | \$1,590.00 | 58\% | \$667.80 |

The scope of this contract includes the following
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and in integrated with the Integrated

3. Integrated Microprocessor-Controlled HVAC Eqje Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and . commission and which are integr
products by the authorized user.
products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
of Integrated Microprocessor-Based HVAC Equipment,

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs Showers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he

Factory Installed/Factory-Provided micro-processor--controlled included/contr
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose 1 , Telecommicaions, Networking Cabing, Hber Optics (e.g. phone, pbx, digital centrex, digital key systems, television, cabs, -Line, general broadband,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to low enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

|  |  | Product Desariplion | Proutra Code | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54 " | List Price |  | Vs Nat Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| G325D+NMB24.3.31 | Beimo |  | G325D+NMB24.3.x1 | 1 | \$1,271.00 | 58\% | \$533.82 |
| G3250+NMB24-S8-x1 | Belimo |  | G3250+NMB24SR-X1 | 1 | \$1,369.00 | 58\% | \$574.98 |
| G3250+Nux24-MFT-X1 $^{\text {a }}$ | Belimo |  | G3250+Nux24-MFT-×1 | 1 | \$1,411.00 | 58\% | \$592.62 |
| G325D+Nvo243 US | Beimo |  | G325D+NVD243 US | 1 | \$1,092.00 | 58\% | \$458.64 |
| G325+NVD24MFT US | Beimo |  | G325D+Nvo24MFT US | 1 | \$1,191.00 | 58\% | \$500.22 |
| G325+NVF24MET US | Belimo | 1 "3 Way Divering GV CV=15 with Non-Sping Reumm, 80 bi,M,M,T,24V | G3250+NVF24MFT US | 1 | \$1,295.00 | 58\% | \$543.90 |
| G325D+NVF24MFT.E US | Beimo | $1 " 3$ Way Divering Gv CV=15 with Non-Sping Reumm, 80 bt,Mer, 24 V | G3250+NVF24MFT-E US | 1 | \$1,295.00 | 58\% | \$543.90 |
| G332+NFE24-SR-x1 | Beimo |  | G332+NEB24-SR-X1 | 1 | \$1,243.00 | 58\% | \$522.06 |
| G332+NFEUP-S. $\times 1$ | Belimo | 3-way Globe Valve NPT 1-1/4" Cv 20 Bronze body/seat, stainless steel stem with Spring Return, 90 in-lb ,On/Off,24 to 240V (UP) | G332+NEbUP.S. $\mathbf{x}^{1}$ | 1 | \$1,140.00 | 58\% | \$478.80 |
| G332+NFBUP.-X1 | Belimo | 3-way Globe Valve NPT 1-1/4" Cv 20 Bronze body/seat, stainless steel stem with Spring Return, 90 in-lb ,On/Off, 24 to 240 V (UP) | G332+NFEUP. x | 1 | \$1,043.00 | 58\% | \$438.06 |
| G332+NF×24MFT-X1 | Belimo |  |  | 1 | \$1,418.00 | 58\% | \$595.56 |
| C332+MMB24.3.1 | Beimo | 3-way Globe Valve NPT 1-1/4" Cv 20 Bronze body/seat, stainless steel stem with Non-Spring Return, 90 in-lb ,On/Off/Floating,24V | C332+NM824.3.31 | 1 | \$1,094.00 | 58\% | \$459.48 |
| G332+NMB24-SR-X1 | Belimo | 3-way Globe Valve NPT 1-1/4" Cv 20 Bronze body/seat, stainless steel stem with Non-Spring Return, 90 in-lb ,2-10 VDC, 24 V | G332+NMB24-SR-×1 | 1 | \$1,189.00 | 58\% | \$499.38 |
| G332+M4X24-MFT-X1 | Belimo |  | G332+MMX24MF | 1 | \$1,237.00 | 58\% | \$519.54 |
| ${ }^{\text {G332+N24.3US }}$ | Beimo |  | G332+NV24.3 | 1 | \$896.00 | 58\% | \$376.32 |
| G332+NV24MFT US | Belimo | 3-way Globe Valve NPT 1-1/4" Cv 20 Bronze body/seat, stainless steel stem with Non-Spring Return,225 lbf,MFT,24V | G332+NV24MFT US | 1 | \$996.00 | 58\% | \$418.32 |
| G332+NVF24MFT US | Belimo | 3-way Globe Valve NPT 1-1/4" Cv 20 Bronze body/seat, stainless steel stem with Non-Spring Return, $180 \mathrm{lbf}, \mathrm{MFT}, 24 \mathrm{~V}$ Return, $180 \mathrm{lbf}, \mathrm{MFT}, 24 \mathrm{~V}$ | G332+NVF24MET US | 1 | \$1,189.00 | 58\% | \$499.38 |
| G332+NVF24-MfT-E us | Beimo | 3-way Globe Valve NPT 1-1/4" Cv 20 Bronze body/seat, stainless steel stem with Non-Spring Return, $180 \mathrm{lbf}, \mathrm{MFT}, 24 \mathrm{~V}$ | G332+NVE24MFT-E US | 1 | \$1,189.00 | 58\% | \$499.38 |
| G3320+NE824.SR.x1 | Belimo |  | G3320+NFE24.S8-x1 | 1 | \$1,766.00 | 58\% | \$741.72 |
| G332D+NFEUP.S. x 10 | Beimo |  | G332D+NFEUP. $\mathrm{S} \times 1$ | 1 | \$1,660.00 | 58\% | \$697.20 |
| G3320+NFBuP.X1 | Beimo |  | G332D+NFBUP-×1 | 1 | \$1,563.00 | 58\% | \$656.46 |
| G3320 +NF $\times 24$-MFT- $\mathrm{X}_{1}$ | ${ }^{\text {Belimo }}$ | 1.25'3 Way Divering GV CV=20 with Sping Reumm,90 in-b, M., | G332D+NFX24MF-X1 | 1 | \$1,947.00 | 58\% | \$817.74 |
| G332D+NMB24.3. $\times 1$ | Belimo |  | G332D+NMB24.3.x1 | 1 | \$1,640.00 | 58\% | \$688.30 |
| G9320+NMB24.SR-x1 | Beimo | $1.25^{\prime \prime} 3$ Way Divering GV CV=20 with Nor-Spring Reumr,90 in-b, ,2-10 voc, 24 V | G332D+NMB24.SR.x1 | 1 | \$1,734.00 | 58\% | \$728.28 |
| ${ }_{\text {G322-+MM } 24-M F T-\times 1}$ | Belimo | $1.255^{3} 3$ Way Diveting GV Cre20 with Non-Spring Return,90 int.b, MFF, ,24V | G332D+NWX24.MF--X1 | 1 | \$1,768.00 | 58\% | \$742.56 |
| G3320+NV24.3 US | Belimo |  | G3322+N24.3 Us | 1 | \$1,405.00 | 58\% | \$590.10 |
| G332D+NV24MET US | Belimo |  | G3320+NV24MET US | 1 | \$1,484.00 | 58\% | \$623.28 |
| G332+NNFF24MFT US | Belimo |  | G332++NVF24MFT Us | 1 | \$1,643.00 | 58\% | \$690.06 |
| G3320+NVF24-MFT-E US | Belimo | 1.25"3 Way Divering GV CV=20 with Non-Sping Reutm, 880 blt,Mr, 24 V | G932d+NVF24MFT-E US | 1 | \$1,643.00 | 58\% | \$690.06 |
| G340+AFB24-SR-x1 | Beimo |  | G340+AFB24-SR.x1 | 1 | \$1,738.00 | 58\% | \$729.96 |
| G330+Afbup-s. $\times 1$ | Belimo | 3-way Globe Valve NPT 1-1/2" Cv 28 Bronze body/seat, stainless steel stem with Spring Return, 180 in-lb ,On/Off,24 to 240 V (UP) |  | 1 | \$1,770.00 | 58\% | \$743.40 |
| G340+ABEUP.X1 | Beimo | 3-way Globe Valve NPT 1-1/2" Cv 28 Bronze body/seat, stainless steel stem with Spring Return, 180 <br> in-lb ,On/Off,24 to 240 V (UP) | G340+AFBup $\times 1$ | 1 | \$1,678.00 | 58\% | \$704.76 |
|  | Belimo | ${ }^{3}$-way Globe Valve NPT $1-1 / 1 / 2$ Cv 28 Bronzz body/seat, stainless steel stem with Spring Return, 180 |  | 1 | \$1,836.00 | 58\% | \$771.12 |
| G340+AFX24MFT-X1 | Belimo | 3-way Globe Valve NPT 1-1/2" Cv 28 Bronze body/seat, stainless steel stem with Spring Return, 180 <br> in-lb, MFT, 24V | G330AAFK24MFT.-1 | 1 | \$1,798.00 | 58\% | \$755.16 |
| G330+AMB24.3.1 | Belimo | 3-way Globe Valve NPT 1-1/2" Cv 28 Bronze body/seat, stainless steel stem with Non-Spring Return, 180 in-lb ,On/Off/Floating,24V | ${ }^{\text {G30+AMB24.3.1 }}$ | 1 | \$1,572.00 | 58\% | \$660.24 |
| 340+AMB24SR-×1 | Belimo |  | G340+AMB24-SR-×1 | 1 | \$1,618.00 | 58\% | \$679.56 |
| G330+AMX24-MFT95.x1 | Belimo |  | 6340+AMX24-MFT95-×1 | 1 | \$1,640.00 | 58\% | \$688.80 |
| 440+Anx24.MF-.x1 | Belimo | 3-way Globe Valve NPT 1-1/2" Cv 28 Bronze body/seat, stainless steel stem with Non-Spring Return,180 in-lb ,MFT,24V | G340+aMX24-MFT-x1 | 1 | \$1,654.00 | 58\% | \$694.68 |
| G30+NV24.3 Us | Belimo | 3-way Globe Valve NPT 1-1/2" Cv 28 Bronze body/seat, stainless steel stem with Non-Spring Return,225 lbf,On/Off/Floating,24V | G340+NV24.3 Us | 1 | \$1,191.00 | 58\% | \$500.22 |
| G340+NV24MFT US | Belimo |  | G340+NV24MFT US | 1 | \$1,299.00 | 58\% | \$545.58 |
| G340+NVF24.MFT US | Belimo | 3-way Globe Valve NPT 1-1/2" Cv 28 Bronze body/seat, stainless steel stem with Non-Spring Return, $180 \mathrm{lbf}, \mathrm{MFT}, 24 \mathrm{~V}$ | G340+NVF24MFT US | 1 | \$1,369.00 | 58\% | \$574.98 |
| G330+NVF24-MET-E US | Belimo | 3-way Globe Valve NPT 1-1/2" Cv 28 Bronze body/seat, stainless steel stem with Non-Spring Return, $180 \mathrm{lbf}, \mathrm{MFT}, 24 \mathrm{~V}$ | G330+NVF24MFT-E US | 1 | \$1,369.00 | 58\% | \$574.98 |
| G3400+AAB24-SR.X1 $^{\text {a }}$ | Belimo |  | G3400+AF8824SR.x1 | 1 | \$2,106.00 | 58\% | \$884.52 |
| G3400+AFBUP.S. ¢ 10 | Belimo | $1.55^{\prime 3}$ Way Diveting GV CV=28 with Sping Reum, 180 imblb, Onotit,240 240 V (UP) | G3400+AFBUP.S. x 10 | 1 | \$2,137.00 | 58\% | \$897.54 |
| G3900+AFBup-x1 | Belimo |  | G3400+AFBUP-x1 | 1 | \$2,042.00 | 58\% | \$857.64 |
|  | Belimo |  | ${ }^{\text {G340D+AF×24MF-S. } \times 1}$ | 1 | \$2,191.00 | 58\% | \$920.22 |
|  | Belimo |  |  | 1 | \$2,163.00 | 58\% | \$908.46 |
| G3400+AMB243.31 $^{\text {a }}$ | Belimo |  | G3400+AMB224.31 | 1 | \$1,864.00 | 58\% | \$782.88 |
| G3400+AMB22-SR.x1 | Belimo |  | G3400.AME824.SR-X1 | 1 | \$1,898.00 | 58\% | \$797.16 |
| G3400+AMX24MFT95.x1 | Belimo |  | G3400+AMX24MFTT95.x1 | , | \$1,916.00 | 58\% | \$804.72 |
|  | Belimo |  |  | 1 | \$1,934.00 | 58\% | \$812.28 |
|  | Belimo |  | ${ }^{\text {G3400+NV24.3 US }}$ | 1 | \$1,521.00 | 58\% | \$638.82 |
| ${ }_{\text {G3400 +NV24MFT US }}$ | Belimo | 1.5"3 Way Divering GV CV=28 with Non-Spoing Retur,225 bt,MFT, 24 V | ${ }^{\text {G3400+NN24MFT US }}$ | 1 | \$1,599.00 | 58\% | \$671.58 |
| G3300+NVF24MFT US | Belimo |  | G3400+NVF24MFT US | 1 | \$1,760.00 | 58\% | \$739.20 |
| G3400+NVF24MFT-E US | Belimo |  | G340D+NVF24.MFT-E US | 1 | \$1,760.00 | 58\% | \$739.20 |
| G350+AFB24-SR.x1 | Belimo |  | G350+AB824-SR-X1 | 1 | \$1,878.00 | 58\% | \$788.76 |
| G350+Afbup P. . $\times 1$ | Beimo |  | G350+AEBUP.S. $\times 1$ | 1 | \$1,896.00 | 58\% | \$796.32 |
| G350AAFBUP.X1 | Belimo | 3-way Globe Valve NPT 2" Cv 41 Bronze body/seat, stainless steel stem with Spring Return, 180 in$\mathrm{lb}, \mathrm{On} / \mathrm{Off}, 24$ to 240 V (UP) | G350+AFBUP-X1 | 1 | \$1,802.00 | 58\% | \$756.84 |
| G350AAF24-MET-S. $\times 1$ | Beimo |  | G350+AF×24-MFT-S. 1 $^{\text {a }}$ | 1 | \$3,005.00 | 58\% | \$1,262.10 |
| G350+AFX24.MFT-X1 | Beimo |  | G350+AFX24-MrT-X1 | 1 | \$1,923.00 | 58\% | \$807.66 |
| G350+AMB24.3.1 | Belimo |  | ${ }_{\text {C350AAMB24.3.1 }}$ | 1 | \$1,694.00 | 58\% | \$711.48 |
| 6350+AM824-SR-×1 | Belimo |  | C350+AMB24.SR.x1 | 1 | \$1,800.00 | 58\% | \$756.00 |
| G350+AMX24.MFTr95-x1 | Beimo |  | C330+AMX24.MFTr95.x1 | 1 | \$2,796.00 | 58\% | \$1,174.32 |
| G350+AMX24.MFT-X1 | Belimo |  | G350+AMX24-MFT-X1 | 1 | \$1,834.00 | 58\% | \$770.28 |
| G350+NV24.3 US | Beimo | 3-way Globe Valve NPT 2" Cv 41 Bronze body/seat, stainless steel stem with Non-Spring Return,225 lbf,On/Oft/Floating,24V | G350+NV24.3 US | 1 | \$1,327.00 | 58\% | \$557.34 |
| G330+NV24MFT US | Beimo | 3-way Globe Valve NPT 2" Cv 41 Bronze body/seat, stainless steel stem with Non-Spring Return,225 lbf,MFT,24V | G350+NV24MFT US | 1 | \$1,429.00 | 58\% | \$600.18 |
| G350+NVF24-MFT US | Belimo |  | G350+NVF24MFT US | 1 | \$1,570.00 | 58\% | \$659.40 |
| G330+NVF24MFT-E US | Beimo |  | G350+NVF24MFT-E US | 1 | \$1,570.00 | 58\% | \$659.40 |
|  | Belimo Beimo |  | ${ }_{\text {G3500+AF824.4SR.X1 }}$ | 1 | \$2,944.00 | 58\% | \$1,236.48 |
| G3500+AFBUP->1 | Belimo |  | G3500+AFEUPP. x | + | \$2,882.00 | 58\% | \$1,210.44 |
| G3500+AFX24MMT-S. $\times 1$ | Belimo | $2^{\prime \prime} 3$ Way Divering GV CV=40 with Spring Reum, 180 in-lb, MFT, 24 V |  | 1 | \$3,095.00 | 58\% | \$1,299.90 |
| G3500+AFF24MFT. $\mathrm{x}_{1}$ | Belimo | $2^{\prime \prime} 3$ Way Divering GV CV=40 with Spring Reum, 180 in-b, MFT, 24 V | G3500+AFX24-MF-X1 $^{\text {a }}$ | 1 | \$3,001.00 | 58\% | \$1,260.42 |
| G3500+AMB243.311 | Belimo |  | G3500+AMB24.3. $\times 1$ | 1 | \$2,785.00 | 58\% | \$1,169.70 |
|  | Belimo |  |  | 1 | \$2,886.00 | 58\% | \$1,212.12 |
| ${ }_{\text {G3500+AMX24-MFT-X1 }}$ | Belimo | $2{ }^{2} 3$ Way Divering GV CV=40 with Non.Spring Reuum, 180 indib, MFT, 24V | G3500+AMX24-MFT-X1 | 1 | \$2,922.00 | 58\% | \$1,227.24 |
| G3300+NV24.3 US | Beimo |  | ${ }^{\text {G3500+NV24.3 US }}$ | 1 | \$2,478.00 | 58\% | \$1,040.76 |
| G3500+NV24MET US | Belimo | 2 "3 3 Way Divering Gv CV=40 with Nor-Sping Reumr,225 bt,Met, 24 V | G3500+NV24MFT US | , | \$2,562.00 | 58\% | \$1,076.04 |
| ${ }^{\text {G3350+NVF24MFT US }}$ | Belimo | $2^{\prime \prime} 3$ Way Divering GV CV=40 with Non-SPping Reumm, 80 It,MFT, ,24V | ${ }^{\text {G3350+NVF24MFT US }}$ | 1 | \$2,724.00 | 58\% | \$1,144.08 |
| G3500+NVF24.MFTEE US | Belimo | $2^{\prime \prime} 3$ Way Divering GV CV=40 with Non.SPping Reumm, 80 Di,M, MF, ,24V | G9500+NVE24-MFT-E US | + | \$2,724.00 | 58\% | \$1,144.08 |
| $6_{6100 C+2 \cdot A B E U P-S .} \times 1$ | Belimo |  | $6_{66100 C+2}{ }^{2}$ AFBUP-S. $\times 1$ | 1 | \$3,914.00 | 58\% | \$1,643.88 |
| G6100C+2-AFBUP. X1 | Belimo |  | G6600c+2AFBup $\mathrm{X}_{1}$ | 1 | \$3,702.00 | 58\% | \$1,554.84 |
|  | ${ }^{\text {Belimo }}$ |  |  | 1 | \$3,837.00 | 58\% | \$1,611.54 |
|  | Belimo |  |  | , | \$3,887.00 | 58\% | \$1,632.54 |
| G66100c+2'AFX24-MF--X1 | Belimo |  | G6100C+2-AFX24MF-TX1 | 1 | \$3,791.00 | 58\% | \$1,592.22 |

The scope of this contract includes the following
Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated

. Energy Managed Microsstems (EMS, ,
Provided Microprocessor-Controlled, requiring technical skill to progra, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
Integrated BAS/EMS/IItegrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain proticoss (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenance of Integrated Microprocessor-Based HVAC Equipme c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or mainten
Cleans, tests, and balances the Integrated Microprocessor-Controlled HVAC Equipment in accordance with Code Requirements.

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he

Factory Installed/Factory-Provide micro-processor--controlled included $/$, remote $/ / O$ modules, etc. which are not
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. Gend Firpose 1 , Telecommanicaions, Networkng

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used.
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following
Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Eroprocessor-Contronled HAC Equipment in a building or faciilty. Building Management Systems aid
.
Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
Integrated BAS/EMS/IItegrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pane (MAP), and/or other similar device, which iize certain procos (e.g. BACNe, Lo ak, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and ${ }^{\text {c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenance of Integrated Microprocessor-Based HVAC Equipment; }}$ Cleans, tests, and balances the Integrated Microprocessor-Controlled HVAC Equipment in accordance with Code Requirements.

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
2. Chillers Roottop Units, boilers, air hadlers, fan coil, unit ventilator, he

Factory Installed/Factory-Provided micro-processor--controlled include pump, remote $I / O$ modules, etc. which are not
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. Genal Purpsi, Telecommunications, Networking Caing,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Yotel Number |  | ITucl Descripition | Code | $\begin{gathered} \text { "Warranty Period - \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause 54" } \end{gathered}$ | st Pice | \% 0 | S NatPr |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| G6150CS+2'AFBUP.S. $\times 1$ | Balimo |  | G6150CS+2'AFBUP.S. $\times 1$ | 1 | \$8,218.00 | 58\% | \$3,451.56 |
|  | Beimo |  | G6150CS+2.AFBup.x1 | 1 | \$8,126.00 | 58\% | \$3,412.92 |
| 666150S+2'AFY24.MFT95.X1 | Baimo |  | G6650CS+2AFAF24MFT95. $\times 1$ | 1 | \$7,950.00 | 58\% | \$3,339.00 |
|  | Baimo |  | G6150CS+2-AFX24.MF-T.S.x | 1 | \$8,262.00 | 58\% | \$3,470.04 |
|  | Belimo | 2.way, FGV PC, SS Tim, 6 " Co 3 34 with Sping Reuum, 880 in-lb, MFT, 24V |  | 1 | \$7,928.00 | 58\% | \$3,329.76 |
|  | Beimo |  | G6150CS $+6 \mathrm{~GB} 82 \cdot 3.3 \times 1$ | 1 | \$7,744.00 | 58\% | \$3,252.48 |
| G6150CS+GKX24MF-X1 | Beimo |  | G6150Cs+GK×24MFT-X1 | 1 | \$8,161.00 | 58\% | \$3,427.62 |
| G6150CS+6M3224.3.1 | Baimo |  | G6150CS+69M824.3.1 | 1 | \$7,511.00 | 58\% | \$3,154.62 |
| G6150CS+GMX24MFT.X1 | Belimo |  | G6150CS+GMX24MF-X1 | 1 | \$7,726.00 | 58\% | \$3,244.92 |
| G61500S-250+2'GK824-3.1 | Balimo |  | G6150CS.250+2'GK8824.3.1 | 1 | \$11,782.00 | 58\% | \$4,948.44 |
| G6.150CS-250+2-GKK $\times 24$-MF- $\times 1$ | Baimo |  |  | 1 | \$11,832.00 | 58\% | \$4,969.44 |
| G66150CS-250+GMB24.3. $\times 1$ | Beimo |  | G6650CS-250+GMB24.3.1 | 1 | \$9,829.00 | 58\% | \$4,128.18 |
| G6150CS-250+GMX24.MF-TX | Beimo |  | G61500S-250,GMx24-MfT-×1 | 1 | \$9,836.00 | 58\% | \$4,131.12 |
| G6150LCS+2PAFBUP.S. $\times 1$ | Balimo |  | G6615LCS +2 'AFBUP-S. $\times 1$ | 1 | \$8,218.00 | 58\% | \$3,451.56 |
| G6615LCSt2'AFBup-x ${ }^{1}$ | Baimo |  | G6650LCS +2 'AFBup-x1 | 1 | \$8,126.00 | 58\% | \$3,412.92 |
|  | Baimo |  | G6150LCs+2'APK24.MET.S.x1 | 1 | \$8,262.00 | 58\% | \$3,470.04 |
| G6150LCS+2'APF24-MT- ${ }^{\text {a }}$ | Baimo | 2.way, FGV Linear PC, SS Tim, 6 C CV. 344 with Sping Retur, 188 in-b, MFT, 24 V | G66150.CS+2'AFF24-MET-X1 | 1 | \$7,928.00 | 58\% | \$3,329.76 |
| G6150LCS+GG824.3. $\times 1$ | Belimo |  | G6615LLCS+GK824.3. $\times 1$ | 1 | \$7,744.00 | 58\% | \$3,252.48 |
| G6150LCS+GGK224MF-.x1 | Beimo |  | G6150LCS+GGK24.MET. $\mathrm{X}_{1}$ | 1 | \$8,161.00 | 58\% | \$3,427.62 |
| G6150LCS+GMMB24-3. $\mathbf{1}$ | Baimo |  | G6150LCS+GMB824.3.1 | 1 | \$7,511.00 | 58\% | \$3,154.62 |
| G6150CCS+GMX24-MFT-X1 | Beimo |  |  | 1 | \$7,726.00 | 58\% | \$3,244.92 |
| G665+NVG24MFT Us | Baimo |  | G665+NVG24MET US | 1 | \$1,812.00 | 58\% | \$761.04 |
| G666-250+NGG24MFT US | Belimo |  | G666-250+NVG24MFT US | 1 | \$2,377.00 | 58\% | \$998.34 |
| G665C+AFBUP.S. $\times 1$ | Belimo |  | G665C+AFBUP.S. $\times 1$ | 1 | \$2,774.00 | 58\% | \$1,165.08 |
| $\mathrm{G}_{6655+A A B U P} \times \mathbf{x}$ | Baimo |  | G665C+AFBup.x1 | 1 | \$2,682.00 | 58\% | \$1,126.44 |
| G665C+AFX24MFT95:×1 | Belimo |  | G665C+AF×24-MFT95.X1 | 1 | \$2,839.00 | 58\% | \$1,192.38 |
|  | Belimo |  | G665C+AF×24MFT-S. ${ }^{\text {1 }}$ | 1 | \$2,911.00 | 58\% | \$1,222.62 |
| G665C+AFX24.MFT-X1 | Beimo |  | G665CAFX24.MFT-X1 | 1 | \$2,816.00 | 58\% | \$1,182.72 |
| G665C+NV24.3 US | Belimo |  | G6656+NV24.3 Us | 1 | \$2,287.00 | 58\% | \$960.54 |
| G665C+NV24MET US | Baimo |  | G665C+NV4Mme Us | 1 | \$2,364.00 | 58\% | \$992.88 |
| G665C+NVF24M-T US | Beimo |  | G665C+NVF24-MFT US | 1 | \$2,463.00 | 58\% | \$1,034.46 |
| G665C+NVF24MFT-E US | Belimo |  | G665C+NVF24MTT-E US | 1 | \$2,463.00 | 58\% | \$1,034.46 |
| G665--250AAEbuP. $\mathrm{x}_{1}$ | Belimo |  | G665C-250AAESUP. $\mathrm{X}_{1}$ | 1 | \$2,738.00 | 58\% | \$1,149.96 |
| 6665C-250AAF $\times 24$-MF-S. $\times 1$ | Baimo |  |  | 1 | \$2,950.00 | 58\% | \$1,239.00 |
| G665C-250AAF24-MET- $\mathrm{X}_{1}$ | Belimo |  | G665C-250AAF24-MFT- $\mathbf{x}_{1}$ | 1 | \$2,858.00 | 58\% | \$1,200.36 |
| 96656-250+N24.3 US | Baimo |  | G665C-250+NV24.3 US | 1 | \$2,339.00 | 58\% | \$982.38 |
| G6650-250+NV24MFT US | Baimo | 2 -way Fgv PC, Brozze Tim, 2-1/2' CVV65 with Non-Spring Retum,225 bit,MF, 24V | G665C-250+NV24MFT US | 1 | \$2,413.00 | 58\% | \$1,013.46 |
| G665C-250+NVF24MFT US | Belimo |  | G665C-250+NVF24MET US | 1 | \$2,506.00 | 58\% | \$1,052.52 |
| G665C-250+NVF24MFT-E US | Belimo |  | G665C-250+NVF24.MFT-E US | 1 | \$2,506.00 | 58\% | \$1,052.52 |
| G665CS+AFBUP. x $^{1}$ | Baimo |  | G665CSAAFEUP. x $_{1}$ | 1 | \$3,689.00 | 58\% | \$1,549.38 |
| G665SS+AFX24.METT95.x1 | Beimo |  | G665SS+AFX24.METT9...x | 1 | \$3,736.00 | 58\% | \$1,569.12 |
| G665CS+AFX24MFT-S. ${ }^{\text {d }}$ | Baimo |  | G665SS+AFX24.MFT.S.X1 | 1 | \$3,919.00 | 58\% | \$1,645.98 |
| G665CSA+AF24-MET-X1 | Balimo |  |  | 1 | \$3,713.00 | 58\% | \$1,559.46 |
| G665Cs+NV24.3 US | Balimo |  | 6665Cs+NV24.3 US | 1 | \$3,268.00 | 58\% | \$1,372.56 |
| G665CS+NV24MFT US | Baimo |  | G665CS+NV24MFT US | 1 | \$3,343.00 | 58\% | \$1,404.06 |
| G665CS+NVE24MFT US | Beimo |  | G665CS+NVF24MFT US | 1 | \$3,442.00 | 58\% | \$1,445.64 |
| G665CS+NVF24-MTT-EUS | Beimo |  | G665SS+NVF24MET-EUS | 1 | \$3,442.00 | 58\% | \$1,445.64 |
| G665CS-250+NV4-MET US | Beimo |  | G665CS-250+NV44MET US | 1 | \$3,786.00 | 58\% | \$1,590.12 |
| G665CS-250+NVF24MET US | Baimo |  | G6656S-250+NVF24MFT US | 1 | \$4,003.00 | 58\% | \$1,681.26 |
| G665CS-250+NVF24MET-E US | Baimo |  | G665CS-250+NVF24MET-EUS | 1 | \$4,003.00 | 58\% | \$1,681.26 |
| G665LCS+AFBup.S. X1 $^{\text {d }}$ | Baimo |  | G665lCSAAFBUP-S. $\mathrm{X}_{1}$ | 1 | \$3,784.00 | 58\% | \$1,589.28 |
| G665LCS+AFBup.x1 | Baimo |  | G665LCS+AFBup.x1 | 1 | \$3,689.00 | 58\% | \$1,549.38 |
| G665LCs+AFX24Mf.-S. $\mathrm{x}_{1}$ | Beimo |  |  | 1 | \$3,919.00 | 58\% | \$1,645.98 |
| G665LCS+AFX24MF-X1 | Baimo |  | G665LCStAFX24MF-X1 | 1 | \$3,713.00 | 58\% | \$1,559.46 |
| G665LCS+NV24.3 US | Baimo |  | G665LCS+NV24.3 US | 1 | \$3,268.00 | 58\% | \$1,372.56 |
| G665LCS+NV24MFT US | Beimo |  | G665LCS+NV24MFT US | 1 | \$3,343.00 | 58\% | \$1,404.06 |
| G665LCS+NVF24MFTT US | Beimo |  | G665LCS+NVF24MFT US | 1 | \$3,442.00 | 58\% | \$1,445.64 |
| G665LCS+NVF24MFT-EUS | Belimo |  | G665LCS+NVF24-MFT-E US | 1 | \$3,442.00 | 58\% | \$1,445.64 |
| G665S+NVG24MET US | Beimo |  | 6665+NVG24MFT US | 1 | \$2,571.00 | 58\% | \$1,079.82 |
| G665-250+NVG24MFT US | Belimo |  | G665-250+NVG24-MFT US | 1 | \$2,754.00 | 58\% | \$1,156.68 |
| G680+NVG24MFT US | Belimo |  | G680+NVG24MFT US | 1 | \$1,985.00 | 58\% | \$833.70 |
| G688-250+NVG24MFT US | Baimo | 2.way FGV PC, Brorze Tim, 3 " CV 90 with Non-Sping Reuum,360 lt,MET,24V | G680-250+NVG24MFT US | 1 | \$2,738.00 | 58\% | \$1,149.96 |
| G680C+AFBUP.S.X ${ }^{\text {d }}$ | Baimo |  | G680C+AFBUP.S. x 1 | 1 | \$3,039.00 | 58\% | \$1,276.38 |
| $\mathrm{G}_{6800+\text { +AFBuP. } \times 1}$ | Baimo |  | $\mathrm{G}_{6800+\text { +AFBup.x1 }}$ | 1 | \$2,939.00 | 58\% | \$1,234.38 |
| G680C+AFX24MF-S. $\times 1$ | Belimo |  | G6800+AFX24.MFT-S×1 | 1 | \$3,162.00 | 58\% | \$1,328.04 |
| G680CAFAF24-MF-X1 | Baimo | 2.way FGV PC, Brorze Tim, $3^{\circ}$ Cv 990 with Spring Return,180 in-Ib, MFT, 24V | G680CAFAFX24MF-X1 | 1 | \$3,073.00 | 58\% | \$1,290.66 |
|  | Baimo |  |  | 1 | \$2,540.00 | 58\% | \$1,066.80 |
| G6880+NV24MET US | Baimo |  | G6880+NV24MET US | 1 | \$2,616.00 | 58\% | \$1,098.72 |
| G6880+NVF24MET US | Belimo |  | G680C+NVF24MFT US | 1 | \$2,716.00 | 58\% | \$1,140.72 |
| G680C+NVF24-MFT-E US | Belimo |  | G680C+NVF24MFT-E US | 1 | \$2,716.00 | 58\% | \$1,140.72 |
| G680C-250AAEBUP. $\mathrm{X}_{1}$ | Baimo |  | G6800-250AAFBUP. $\mathrm{X}_{1}$ | 1 | \$3,060.00 | 58\% | \$1,285.20 |
|  | Beimo | 2.way FgV PC, Brorze Tim, $3^{\circ} \mathrm{Cc}$ c 90 with Spring Relum, 180 in-Ib, MfT, 24V | G6800-250+AF×2-MF.T.S.x1 | 1 | \$2,950.00 | 58\% | \$1,239.00 |
| G6800-250+AFX24MF-TX1 | Beimo | 2.way FGV PC, Brorze Tim, $3^{\circ} \mathrm{Cc}$ c 90 with Spring Relum, 180 in-Ib, MFT, 24V | G6800-250AAF 2 24-MFT. $\mathrm{X}_{1}$ | 1 | \$2,858.00 | 58\% | \$1,200.36 |
| 96800-250+NV24-3 US | Baimo |  | G6800-250+NV24.3 US | 1 | \$2,650.00 | 58\% | \$1,113.00 |
| G6800-250+NV24MFT US | Beimo |  | 66800.250+NV24.MFT US | 1 | \$2,801.00 | 58\% | \$1,176.42 |
| G6800-250+NVF24MFTUS | Baimo |  | G680C-250+NVF24MFT US | 1 | \$2,818.00 | 58\% | \$1,183.56 |
| G6800-250+NVF24MFT-E US | Beimo |  | G6800-250+NVF24.MFT-E US | 1 | \$2,818.00 | 58\% | \$1,183.56 |
| G680CS+AFBUP.S. $\mathrm{x}_{1}$ | Balimo |  | G680CS+AFBUP.S. x 11 | 1 | \$4,340.00 | 58\% | \$1,822.80 |
| G680CSAAFBUP. x $_{1}$ | Baimo |  | G680CS + AFBup.x ${ }_{1}$ | 1 | \$4,245.00 | 58\% | \$1,782.90 |
| G6800S+AFX24.MFT95-x1 | Belimo |  | G6800S+AAF24.MMT99.x1 | 1 | \$4,383.00 | 58\% | \$1,840.86 |
| G6880SS+AFX24MFT.S. ${ }^{1}$ | Belimo |  | G6880S+AFFX24MFT.S.X1 | 1 | \$4,474.00 | 58\% | \$1,879.08 |
|  | Baimo | 2.way FGV PC, Stainess Trim, 3 " C v 90 with Sping Reumr, 880 in-b, MFT, 24V | G6800S+AFP24.MT-X1 | 1 | \$4,360.00 | 58\% | \$1,831.20 |
| G6800C+NV24.3 US | Baimo |  | G680CS+NV24.3 US | 1 | \$3,806.00 | 58\% | \$1,598.52 |
| G6800S+NV24MFT US | Beimo |  | G680Cs+NV24MFT Us | 1 | \$3,881.00 | 58\% | \$1,630.02 |
| G6800S+NVE24MFT US | Baimo |  | G6800S+NVF24MFTT US | 1 | \$3,981.00 | 58\% | \$1,672.02 |
| G680CS+NVFF24MET-EUS | Balimo |  | G6800CS+NVF24MFT-E US | 1 | \$3,981.00 | 58\% | \$1,672.02 |
| G680CS-250AAFBUP. $\mathrm{X}_{1}$ | Balimo |  | G6800CS-250AABEUP-x1 | 1 | \$4,830.00 | 58\% | \$2,028.60 |
| G680CS-250AAFF24.MFT-X1 | Baimo |  | G6800S-250AAF×24-MFT-×1 | 1 | \$4,967.00 | 58\% | \$2,086.14 |
| G6880CS-250+AMB24.3.x1 | Beimo |  | G6800CS-250+AMB24.3. $\times 1$ | 1 | \$3,995.00 | 58\% | \$1,677.90 |

The scope of this contract includes the following
Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Ecroprocessor-Contronled HAC Equipment in a building or facility. Building Management Systems and Builing Conr Sys,
Energy Man Microprocessor-Consolled HVAC Equm
Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and , commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
Integrated BAS/EMS/IItegrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FAP), and/or other similar device, which izize certain procos (e.g. BACNe, Lon/ak, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or mainten
Cleans, tests, and balances the Integrated Microprocessor-Controlled HVAC Equipment in accordance with Code Requirements.

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he

Factory Installed/Factory-Provid micro-processor--controlled included $/$, remote I/O modules, etc. which are not
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Furpose T, Telecommunications, Networking Cabing,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used.
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| ber |  | riplon | Fosuct Code | $\begin{gathered} \text { "Warranty Period }- \text { \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54 " \end{gathered}$ | Listrit |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| G680CS-250+AMX24-MFT-X1 G680LCS+AFBUP-S-X1 | Belimo |  | G6800CS-250+AMX24-MET-X1 | 1 | \$4,045.00 | 58\% | \$1,698.90 |
|  | Belimo |  | G680LCS+AFEUUP-S. $\times 1$ | 1 | \$4,340.00 | 58\% | \$1,822.80 |
| G680LCSAAFBup.x1 | Beimo |  | G680LCS+AFBUP.-X1 | 1 | \$4,245.00 | 58\% | \$1,782.90 |
| G680LCS + AFX $24-M F T-S-X 1$ G680LCS+AFX24-MFT-X1 G680LCS+NV24-3 US | Belimo |  |  | 1 | \$4,474.00 | 58\% | \$1,879.08 |
|  | Belimo | 2.way FGV PC, Stainess Tim, 3 " CV 90 with Sping Reumm, 880 in-b, MFT, 24V | G680LCSAFAFX4MF-TX1 | 1 | \$4,249.00 | 58\% | \$1,784.58 |
|  | Belimo |  | G680LCS+NV24.3 US | 1 | \$3,806.00 | 58\% | \$1,598.52 |
| G680LCStNV24MFT US | Belimo |  | G680LCS+NV24MFT US | 1 | \$3,881.00 | 58\% | \$1,630.02 |
| G680LCStNVF24Mert Us | Belimo |  | G680LCS+NVF24MFT US | 1 | \$3,981.00 | 58\% | \$1,672.02 |
| G680LCS+NVF24MET-E US | Belimo |  | G680LCS+NVF24MFT-E US | 1 | \$3,981.00 | 58\% | \$1,672.02 |
| G680S+NGG24MFT US | Belimo |  | G688S+NGG24MFT US | 1 | \$2,829.00 | 58\% | \$1,188.18 |
| G680S-250+NVG24-MFT US G7100+2*AFBUP-S-X | Belimo |  | G680S-250+NVG24-MFT US | 1 | \$3,360.00 | 58\% | \$1,411.20 |
|  | Belimo | 3.way FGV, Bronze Tim, 4 " Cv 190 with Sping Retur, 188 in.lb, Onotit, 2410240 V ( (UP) | G7100+2.AFBUP.S. $\times 1$ | 1 | \$3,936.00 | 58\% | \$1,653.12 |
| G7100+2'AFBUP-x1 | Belimo | 3.way FGV, Bronze Tim, 4 " CV 190 with Sping Retur, 188 in.lb, Onofot, 24 to 240 V ( (UP) | G7100+2'AFEUP-.x1 | 1 | \$3,844.00 | 58\% | \$1,614.48 |
| G7100+2'AFP24-MFTT9.-X1 | Belimo |  | G7700+2'AFK24METT95.x1 | 1 | \$3,908.00 | 58\% | \$1,641.36 |
|  | Belimo |  |  | 1 | \$3,977.00 | 58\% | \$1,670.34 |
| G7700+2-AFX24-MET-X1 | Belimo |  | G7100+2'AFF24-MET-X1 | 1 | \$3,889.00 | 58\% | \$1,633.38 |
| G7100+2'GK24-MET- $\mathbf{x}_{1}$ | Belimo |  | G7700+2'GKX24MF-->1 | 1 | \$5,700.00 | 58\% | \$2,394.00 |
|  | Belimo |  |  | 1 | \$3,486.00 | 58\% | \$1,464.12 |
| G7100+2*GMX24-MFT-X1 G7100+GKB24-3-X1 | Beimo |  | G77100+2'GMX24.MFT. $\mathbf{x}_{1}$ | 1 | \$3,949.00 | 58\% | \$1,658.58 |
|  | Belimo |  | 67100+GK824.3. $\times 1$ | 1 | \$3,558.00 | 58\% | \$1,494.36 |
| G7100+GKX24-MFT-X1 G7100+GMB24-3-X1 | Belimo |  | G7100GGKX24.MFT-X1 | 1 | \$4,049.00 | 58\% | \$1,700.58 |
|  | Belimo |  | G7100+GMB24.3. $\times 1$ | 1 | \$2,915.00 | 58\% | \$1,224.30 |
| G7100+GMX24-MFT-X1 G7100-250+2*AFX24-MFT95-X1 G7100-250+2*AFX24-MFT-S-X1 G7100-250+2*AFX24-MFT-X1 G7100-250+2*GKX24-MFT-X1 | Belimo | 3.way FGV PC, Brozze Tim, 4"C Cv 190 with Non-Spring Return,360 in-b, Mevt, 24V | G7100+GMX24-MFT-X1 | 1 | \$3,173.00 | 58\% | \$1,332.66 |
|  | Belimo |  | G7710-250+2AFAX24MFT95-X1 | 1 | \$4,981.00 | 58\% | \$2,092.02 |
|  | Belimo |  | G7710-250+2.AFX24.4F-T. $\times 1$ | 1 | \$5,051.00 | 58\% | \$2,121.42 |
|  | Belimo |  |  | 1 | \$4,960.00 | 58\% | \$2,083.20 |
|  | Belimo |  | G7100-250+2'GKK24MFT-X1 | 1 | \$7,729.00 | 58\% | \$3,246.18 |
| G7700-250+2'CMB224.3. $\times 1$ | Selimo |  |  | 1 | \$5,486.00 | 58\% | \$2,304.12 |
| G7100-250+2*GMX24-MFT-X1 G7100-250+GKB24-3-X1 | Belimo |  | G7100-250+2'GMX24MF-X1 | 1 | \$5,978.00 | 58\% | \$2,510.76 |
|  | Belimo | 3-way FGV ANSI 250, Bronze Trim, 4" CV 190 with Electronic Fail-Safe, 360 in-lb ,On/Off/Floating,24V | G7700-250*GK8243.-×1 | 1 | \$5,594.00 | 58\% | \$2,349.48 |
| G7700-250+G6K24-MFT- $\mathrm{X}_{1}$ | Beimo |  | G7100-250+G6K24.MFT-X1 | 1 | \$6,072.00 | 58\% | \$2,550.24 |
| G7100-250+6M3824.3.1 | Beimo |  | G7700:250+GM8243. $\times 1$ | 1 | \$4,951.00 | 58\% | \$2,079.42 |
| G7100-250+GMX24-MFT-X1 G7100D+AFBUP-S-X1 | Beimo | 3.way FGV PC, Bronze Tim, 40 Cv 190 with Non-Sping Return,360 in-b, , Mr, ,24V | G7100-250+GMX24-MFT- $\times_{1}$ | 1 | \$5,198.00 | 58\% | \$2,183.16 |
|  | Belimo |  | G71000+AFBUP.S. $\mathrm{X}_{1}$ | 1 | \$5,998.00 | 58\% | \$2,519.16 |
| G77000+AfBUP. $\mathrm{X}_{1}$ | Belimo |  | G71000Afablex ${ }^{\text {d }}$ | 1 | \$5,901.00 | 58\% | \$2,478.42 |
| G7100D+AFX24-MFT-S-X1 <br> G7100D+AFX24-MFT-X1 <br> G7100D+GKB24-3-X1 | Belimo |  | G77000+AFF24.MTT-S.x1 | 1 | \$6,138.00 | 58\% | \$2,577.96 |
|  | Belimo |  | G77000+AFX24-MF-X1 | 1 | \$6,042.00 | 58\% | \$2,537.64 |
|  | Belimo |  | $6771000+6 \mathrm{ER824} \cdot 3 \times 1$ | 1 | \$6,509.00 | 58\% | \$2,733.78 |
| G7100D+GKX24-MFT-X1 G7100D+GMB24-3-X1 | Belimo |  | G77000+GKK24MfT-X1 | 1 | \$6,976.00 | 58\% | \$2,929.92 |
|  | Belimo |  | G77000+698824.3. ${ }^{1}$ | 1 | \$5,865.00 | 58\% | \$2,463.30 |
| G7100D+GMX24-MFT-X1 G7100D+NVG24-MFT US G7100DS+AFBUP-S-X1 | Beimo | 3.way FGV PC, Bronze Tim, 4 C Cu 154 with Non-Spring Return,360 in-b, , Mr, ,24V | G71000+Gan 2 -M/-T-X1 | 1 | \$6,102.00 | 58\% | \$2,562.84 |
|  | Beimo |  | G71000+NVG24.Met us | 1 | \$5,517.00 | 58\% | \$2,317.14 |
|  | Beimo |  | G71000S+AFEUP-S. $\times 1$ | 1 | \$8,820.00 | 58\% | \$3,704.40 |
| G71000s+AFBup.x1 | Belimo |  | G77100SSAFEBUP.X1 | 1 | \$8,726.00 | 58\% | \$3,664.92 |
| G71000S+AFX24-MFT95-X1 G7100DS+AFX24-MFT-S-X1 G7100DS+AFX24-MFT-X1 G7100DS+GKB24-3-X | Belimo |  | G71000s+AFX24.MFT95.x1 | 1 | \$8,912.00 | 58\% | \$3,743.04 |
|  | Belimo |  |  | 1 | \$8,983.00 | 58\% | \$3,772.86 |
|  | Belimo | ${ }^{3}$.way FGV PC, Stainess Tim, 4 " Cov 154 w with Spring Reutr, 180 inilb, MFT, 24V | G71000SAAFX24-MFT-X1 | 1 | \$8,888.00 | 58\% | \$3,732.96 |
|  | Belimo |  | G71000S $+6 \mathrm{~GB} 224.3 \times 1$ | 1 | \$9,287.00 | 58\% | \$3,900.54 |
| G7100DS+GKX24-MFT-X1 G7100DS+GMB24-3-X1 | Belimo |  | G71000S+GKX24MF-X1 | 1 | \$9,802.00 | 58\% | \$4,116.84 |
|  | Belimo |  | G77000S+GMB24.3.31 | 1 | \$8,644.00 | 58\% | \$3,630.48 |
| G7100DS+GMX24-MFT-X1 G7100DS+NVG24-MFT US G7100DS-250+AFBUP-S-X1 | Belimo |  | G71000S+GMX24MFT-X1 | 1 | \$8,926.00 | 58\% | \$3,748.92 |
|  | Belimo |  | G71000s+NVG24MFT US | 1 | \$8,445.00 | 58\% | \$3,546.90 |
|  | Belimo |  | G71000s-250+AEBUP.S. $\times 1$ | 1 | \$10,423.00 | 58\% | \$4,377.66 |
| G71000s-250AAFEUP.x1 | Belimo |  | G71000S-250AAFEPP.x1 | 1 | \$10,328.00 | 58\% | \$4,337.76 |
|  | Belimo |  |  | 1 | \$10,522.00 | 58\% | \$4,419.24 |
|  | Belimo |  | G71000S-250AFFX24MF-S.-x1 | 1 | \$10,596.00 | 58\% | \$4,450.32 |
| G7100DS-250+AFX24-MFT-X1 <br> G7100DS-250+GKB24-3-X1 | Beimo |  | G77000s-250AAFX24-MFT-X1 | 1 | \$10,498.00 | 58\% | \$4,409.16 |
|  | Belimo | 3-way Div FGV ANSI 250, SS Trim, 4" CV 154 with Electronic Fail-Safe, 360 in-lb ,On/Off/Floating,24V | 671000s-250+GK824.3. $\times 1$ | 1 | \$10,618.00 | 58\% | \$4,459.56 |
| G71000S-250+GK×24MF-T-X1 | Belimo |  | G77100S-250+GKK24-MFT-×1 | 1 | \$10,899.00 | 58\% | \$4,577.58 |
| G71000s-250+GMB243-31 | Belimo |  | G71000s-250+GmB24.3. $\times 1$ | 1 | \$10,269.00 | 58\% | \$4,312.98 |
| G7100DS-250+GMX24-MFT-X1 G7100DS-250+NVG24-MFT US | Belimo |  |  | 1 | \$10,532.00 | 58\% | \$4,423.44 |
|  | Belimo |  | G71000s-250+HVG24-MFT US | 1 | \$10,035.00 | 58\% | \$4,214.70 |
| G7100S+2*AFBUP-S-X1 G7100S+2*AFBUP-X1 | Belimo | 3.way FGV, SS Timm, 4 " Cv 190 with Sping Reum, 180 imblb, Onotit,24to 240 V (UP) | G77005+2'AFEUP.S. $\times 1$ | 1 | \$5,348.00 | 58\% | \$2,246.16 |
|  | Beimo |  | G7700S+2-AFBUP.X1 | 1 | \$5,255.00 | 58\% | \$2,207.10 |
| G7100S+2*AFX24-MFT95-X1 | Belimo | 3.way FGV, SS Tim, 4" CV 190 with Sping Reumr, 188 inibl, Mr, ,24V | G71005+2'AFX24.MFT95.X1 | 1 | \$5,254.00 | 58\% | \$2,206.68 |
| G7100S+2'APF24-MT-x1 | Belimo |  | G7100S+2'AFX24-MFT-S.X1 | 1 | \$5,324.00 | 58\% | \$2,236.08 |
|  | Belimo | 3.way FGV, SS Tim, 4 " Cr 190 with Sping Reutr, 188 in.lb, MFT, 24V | G7700S+2-AFX24.MF-.x1 | 1 | \$5,233.00 | 58\% | \$2,197.86 |
| G7100S+2*GKX24-MFT-X1 G7100S+2*GMB24-3-X1 | Belimo | 3.way FGV, SS Tim, 4 CV Cr 190 with Electronic Fail.Saie, 360 int.b, MFT, ,24V | G77100s+2'GKK24.MFT-X1 | 1 | \$7,028.00 | 58\% | \$2,951.76 |
|  | Belimo |  | $\mathrm{G}_{671005+2^{2} \mathrm{CM} 324.3 \times 1}$ | 1 | \$4,730.00 | 58\% | \$1,986.60 |
| G7100S $+2^{*}$ GMX24-MFT-X1 G7100S+GKB24-3-X1 | Belimo |  |  | 1 | \$5,276.00 | 58\% | \$2,215.92 |
|  | Belimo |  | G77100 +6Kk224.3.1 | 1 | \$4,801.00 | 58\% | \$2,016.42 |
| G7100S+GKX24-MFT-X1 G7100S+GMB24-3-X1 | Belimo |  | G7700s+GK×24MF-X1 | 1 | \$5,306.00 | 58\% | \$2,228.52 |
|  | Beimo |  |  | 1 | \$4,157.00 | 58\% | \$1,745.94 |
|  | Beimo |  |  | 1 | \$4,430.00 | 58\% | \$1,860.60 |
|  | Belimo |  |  | 1 | \$5,666.00 | 58\% | \$2,379.72 |
|  | Belimo |  | G7100S-250+2A-AF24-MET-S. $\times 1$ | 1 | \$5,735.00 | 58\% | \$2,408.70 |
| G7700S-250+2-AFX24MFT- $\mathbf{1}^{1}$ | Belimo |  |  | 1 | \$5,233.00 | 58\% | \$2,197.86 |
| G7100s-250+2-GKX24-MF-X1 | Belimo |  | G77100S-250+2'GK<24-MF-X1 | 1 | \$8,262.00 | 58\% | \$3,470.04 |
| G7700S-250+2'GM824.3. $\times 1$ | Belimo |  | G7100s-250+ $2 \cdot 6 \mathrm{GM} 824.3 \times 1$ | 1 | \$6,340.00 | 58\% | \$2,662.80 |
| G7100S-250+2*GMX24-MFT-X1 G7100S-250+GKB24-3-X1 | Beimo |  |  | 1 | \$6,886.00 | 58\% | \$2,892.12 |
|  | Belimo |  | 67100S-250+6к8224.3.1 | 1 | \$6,390.00 | 58\% | \$2,683.80 |
| G7100-250+GKK24MF--X1 | Belimo |  | G7700s-250GGKX24-MF-X1 | 1 | \$6,807.00 | 58\% | \$2,858.94 |
| G77000-250+GM8224.3.1 | Belimo | 3.way FGV PC, Stainess Tim, 4"CV 190 with Non-Spring Retur,360 inlb, Onotitifloaing,24V | G771009-250+GM8224.3.1 | 1 | \$5,793.00 | 58\% | \$2,433.06 |
| G7100S-250+GMX24-MFT-X1 G7125+2*GKX24-MFT-X1 G7125+2*GMB24-3-X1 | Beimo |  | G7700S-250+GMX24-MFT-X1 | 1 | \$6,077.00 | 58\% | \$2,552.34 |
|  | Belimo |  |  | 1 | \$7,437.00 | 58\% | \$3,123.54 |
|  | Belimo |  | G7125+2.6m324.3.1 | 1 | \$5,262.00 | 58\% | \$2,210.04 |
| G7125+2*GMX24-MFT-X1 G7125-250+2*GKX24-MFT-X1 | Belimo |  |  | 1 | \$5,687.00 | 58\% | \$2,388.54 |
|  | Belimo |  | G77125-250+2'GKK24-MFT-×1 | 1 | \$10,538.00 | 58\% | \$4,425.96 |

The scope of this contract includes the following
Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Ecroprocessor-Controlled HAC Equpment in a building or faciity. Builing Management Systems and Builing Control Sy
.
Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and . commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
Integrated BAS/EMS/IItegrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenance of Integrated Microprocessor-Based HVAC Equipme Cleans, tests, and balances the Integrated Microprocessor-Controlled HVAC Equipment in accordance with Code Requirements.

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he

Factory Installed/Factory-Provided micro-processor--controlled included $/$, remote $I / O$ modules, etc. which are not
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose IT, Telecommunications, Networking Cabling, Fiber Optics (e.g. phone, pbx, digital centrex, digital key systems, television, cable, T-Line, general broadband

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communcate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| dol Number | Belimo | Prodicl Desctiplion |  | "Warranty Period - \# of year(s) afteracceptance as required by Appendix B,Clause 54" | - | \% Discoumt | Ns Nel Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |
|  |  |  |  | 1 | \$8,291.00 | 58\% | \$3,482.22 |
| G7125-250+2*GMX24-MFT-X1 G7125D+2*AFBUP-S-X1 | Beimo |  | G77125-250+2-GMx24.MF->1 | 1 | \$8,787.00 | 58\% | \$3,690.54 |
|  | Baimo |  |  | 1 | \$8,297.00 | 58\% | \$3,484.74 |
| G771250+2AFEBUP.X1 | Beimo |  | G771250+2AFEBUP.X1 | 1 | \$8,203.00 | 58\% | \$3,445.26 |
|  | Beimo | 3-way FGv PC, Brorze Tim, 5 " Cv 195 with Sping Reum, 180 in-b, M, MF, 24 LV | G71250+2-AF×24-MFT95.X1 | 1 | \$8,496.00 | 58\% | \$3,568.32 |
| G771250+2'AFX24-MFT-S. $\times 1$ | Balimo | 3.way FGV PC, Broze T Tim, 5 " Cv 195 with Sping Reum, 180 indib, MFT, 24V |  | 1 | \$8,567.00 | 58\% | \$3,598.14 |
| G771250+2AFK 24 -MFT-X1 | Belimo |  | G771250+2AFPX24-MF--X1 | 1 | \$8,471.00 | 58\% | \$3,557.82 |
| G77125+GK8824.3. $\times 1$ | Beimo |  | 677125+G68824.3. $\times 1$ | 1 | \$8,289.00 | 58\% | \$3,481.38 |
| G7125D+GKX24-MFT-X1 G7125D+GMB24-3-X1 | Baimo |  | G77250+GK×24MFT-X1 | 1 | \$8,706.00 | 58\% | \$3,656.52 |
|  | Balimo |  | G771250+GM824-3. ${ }^{1}$ | 1 | \$7,589.00 | 58\% | \$3,187.38 |
| G77250+GMX24MF->1 | Baimo |  | G77250+GMX24MET-X1 | 1 | \$7,830.00 | 58\% | \$3,288.60 |
| G71250S+2APEBUP.S. $\times 1$ | Balimo |  | G71250S+2APEBUP.S. $\times 1$ | 1 | \$12,771.00 | 58\% | \$5,363.82 |
| G7125SS+2.AFEUP.-X1 | Beimo |  | G7125SS+2.AFBup.x1 | 1 | \$12,793.00 | 58\% | \$5,373.06 |
| G7125DS +2*AFX24-MFT-S-X1 G7125DS+2*AFX24-MFT-X1 G7125DS+GKB24-3-X1 | Beimo |  | G71250S+2-AFX24MFT.S.x1 | 1 | \$13,210.00 | 58\% | \$5,548.20 |
|  | Balimo |  |  | 1 | \$13,113.00 | 58\% | \$5,507.46 |
|  | Baimo |  | G71250S $+6 \mathrm{Kk} 24.3 .3 \times 1$ | 1 | \$12,930.00 | 58\% | \$5,430.60 |
| G7125DS+GKX24-MFT-X1 G7125DS+GMB24-3-X1 | Beimo |  | G7125SS+GKX24MF-X1 | 1 | \$13,347.00 | 58\% | \$5,605.74 |
|  | Balimo |  | G77125S+GMB24.3. $\times 1$ | 1 | \$12,088.00 | 58\% | \$5,076.96 |
| G7125DS+GMX24-MFT-X1 G7125DS-250+2*AFBUP-S-X1 | Belimo |  | G7725SS+GMX24MF-X1 | 1 | \$12,376.00 | 58\% | \$5,197.92 |
|  | Balimo |  | G71250S-250+2.AFBuP.S. $\times_{1}$ | 1 | \$14,266.00 | 58\% | \$5,991.72 |
| G71250S-250+2'AFBUP-X1 | Baimo |  | G71250S-250+2AREBUP.x1 | 1 | \$14,172.00 | 58\% | \$5,952.24 |
| G7125DS-250+2*AFX24-MFT-S-X1 G7125DS-250+2*AFX24-MFT-X1 G7125DS-250+GKB24-3-X1 | Beimo |  |  | 1 | \$14,587.00 | 58\% | \$6,126.54 |
|  | Beimo | ${ }^{3}$.way FGV PC, Stainess Trim, 5 " CV 1955 with Spring Retur, 180 in-lb, MrF, 24 V | G77125S-250+2.AFX24MFT. ${ }^{\text {P1 }}$ | 1 | \$14,493.00 | 58\% | \$6,087.06 |
|  | Belimo |  | G771250 -250+GK8243. $\times 1$ | 1 | \$14,310.00 | 58\% | \$6,010.20 |
| G771250S-250+GKK24-MF-. $\mathbf{x}_{1}$ | Baimo |  | G771250S-250+GKX24-MF--X1 | 1 | \$14,727.00 | 58\% | \$6,185.34 |
| G771250S-250+GMB24 3 . $\times 1$ | Baimo |  | G771250¢-250GGMB24 3 . $\times 1$ | 1 | \$14,681.00 | 58\% | \$6,166.02 |
| G7125DS-250+GMX24-MFT-X1 G7125S+2*GKX24-MFT-X1 G7125S+2*GMB24-3-X1 | Baimo |  |  | 1 | \$13,759.00 | 58\% | \$5,778.78 |
|  | Belimo |  | G77125+2'CKK 24 -MFT-X1 | 1 | \$9,405.00 | 58\% | \$3,950.10 |
|  | Balimo |  |  | 1 | \$7,090.00 | 58\% | \$2,977.80 |
| G7125S+2*GMX24-MFT-X1 G7125S-250+2*GMB24-3-X1 | Belimo |  | G7125S+2'GMx24-MFT-X1 | 1 | \$7,653.00 | 58\% | \$3,214.26 |
|  | Baimo |  | G71255-250+2.6MB24.3. $\times 1$ | 1 | \$9,383.00 | 58\% | \$3,940.86 |
| G7125S-250+2*GMX24-MFT-X G7150+2*GKX24-MFT-X1 G7150+2*GMB24-3-X1 | Baimo |  | G7125S-250+2'GMX24.MF-.x1 | 1 | \$9,938.00 | 58\% | \$4,173.96 |
|  | Baimo |  |  | 1 | \$8,078.00 | 58\% | \$3,392.76 |
|  | Baimo |  |  | 1 | \$5,921.00 | 58\% | \$2,486.82 |
| G7150+2*GMX24-MFT-X1 G7150-250+2*GKX24-MFT-X1 G7150-250+2*GMB24-3-X1 | Baimo | 3 3.way FGV PC, Bronze Tim, 6 " Cr 360 with Non-Spring Return,360 in-b, M, Mr, 24V | G7750+2'GMX24MF-.X1 | 1 | \$6,326.00 | 58\% | \$2,656.92 |
|  | Baimo | 3.way FGV PC, Brorze Tim, 6 " C V 360 with Electronic Fail. Safe, 360 in-b, MFF, ,24V | G7750.250+2'GKK24.MFT-X1 | 1 | \$11,874.00 | 58\% | \$4,987.08 |
|  | Baimo |  | G77150-250 $2 \cdot \mathrm{Cam} 824 \cdot 3 \times 1$ | 1 | \$9,632.00 | 58\% | \$4,045.44 |
| G7150-250+2*GMX24-MFT-X1 G7150D+2*AFBUP-S-X1 | Baimo | 3-way FGV PC, Brozze Tim, 6 " Cu 360 with Non-Spining Return,360 in-b, M.MF, 24V |  | 1 | \$10,123.00 | 58\% | \$4,251.66 |
|  | Baimo |  | G77500 +2 PAFEUP-S. $\times 1$ | 1 | \$10,654.00 | 58\% | \$4,474.68 |
| G77500+2ARESUP-x1 | Baimo |  | G77500+2-AFBUP-X1 | 1 | \$10,562.00 | 58\% | \$4,436.04 |
| G7150D+2*AFX24-MFT95-X1 G7150D $+2^{*}$ AFX $24-$ MFT-S-X1 G7150D+2*AFX24-MFT-X1 G7150D+GKB24-3-X1 | Belimo |  | G71500+2-AFX24-MFT95.X1 | 1 | \$10,897.00 | 58\% | \$4,576.74 |
|  | Baimo |  | G71500+2'AFF24-MFT-S. $\times 1$ | 1 | \$10,985.00 | 58\% | \$4,613.70 |
|  | Baimo |  | G71500+2AAFX24-MFT-X1 | 1 | \$10,875.00 | 58\% | \$4,567.50 |
|  | Baimo |  | 677500+6K8224.3. ${ }^{1}$ | 1 | \$10,692.00 | 58\% | \$4,490.64 |
| G7150D+GKX24-MFT-X1 G7150D+GMB24-3-X1 | Beimo |  | G77500+GKK24.MET-X1 | 1 | \$11,109.00 | 58\% | \$4,665.78 |
|  | Balimo |  | G771500+GMB24-3. ${ }^{1}$ | 1 | \$9,949.00 | 58\% | \$4,178.58 |
| G7150D+GMX24-MFT-X1 G7150DS+2*AFBUP-S-X1 | Beimo | 3.way Fav PC, Bronze Tim, 6" Cv 268 with Non-Spring Return,360 in-b, Mer, ,24V |  | 1 | \$10,207.00 | 58\% | \$4,286.94 |
|  | Balimo |  | G77500S+2AFEBUP. S . $\mathrm{X}_{1}$ | 1 | \$14,939.00 | 58\% | \$6,274.38 |
| G71500S+2.AFEUP-X1 | Baimo |  | G77500S $2^{2}$ AFBuP-X1 | 1 | \$14,846.00 | 58\% | \$6,235.32 |
| G7150DS $+2^{*}$ AFX24-MFT-S-X1 G7150DS+2*AFX24-MFT-X1 G7150DS+GKB24-3-X1 | Beimo |  | G77500S+2-AFX24.MF-T. $\times 1$ | 1 | \$15,261.00 | 58\% | \$6,409.62 |
|  | Belimo |  |  | 1 | \$15,166.00 | 58\% | \$6,369.72 |
|  | Balimo |  | G77500S $+6 \mathrm{~GB} 24.3 . \times 1$ | 1 | \$14,984.00 | 58\% | \$6,293.28 |
| G7150DS+GKX24-MFT-X1 G7150DS+GMB24-3-X1 | Beimo |  | G77500S+GKX24MFT. 1 $^{1}$ | 1 | \$15,399.00 | 58\% | \$6,467.58 |
|  | Baimo |  | G71500S+6ME224.3.1 | 1 | \$14,172.00 | 58\% | \$5,952.24 |
| G7150DS+GMX24-MFT-X1 G7150DS-250+2*AFBUP-S-X1 | Belimo |  | G71500S+GMX24MFT-X1 | 1 | \$14,443.00 | 58\% | \$6,066.06 |
|  | Baimo |  | G77500S-250+2'AFESUP. $\times$. $\mathrm{x}_{1}$ | 1 | \$18,445.00 | 58\% | \$7,746.90 |
| G77500S-250+2-AFBUP-X $\mathrm{X}_{1}$ | Belimo |  | G77500S-250+2'AFBup-x1 | 1 | \$18,350.00 | 58\% | \$7,707.00 |
| G7150DS-250+2*AFX24-MFT-S-X1 G7150DS-250+2*AFX24-MFT-X1 G7150DS-250+GKB24-3-X1 | Beimo |  | G77500S-250+2AFX24MF-T. $\times 1$ | 1 | \$18,762.00 | 58\% | \$7,880.04 |
|  | Baimo |  | G71500S-250+2PAFX24MF-TX1 | , | \$18,670.00 | 58\% | \$7,841.40 |
|  | Balimo |  | G77500S-250 GK824 a $^{\times 1}$ | 1 | \$18,486.00 | 58\% | \$7,764.12 |
| G71500S-250+GK<24MF-->1 | Beimo |  | G77500S-250+GK<2-MFT-X1 | 1 | \$18,903.00 | 58\% | \$7,939.26 |
| G77500S-250+GMB24 $3 \times 1$ | Baimo |  | G77500S-250+GMB24.3. $\times 1$ | 1 | \$17,670.00 | 58\% | \$7,421.40 |
| G7150DS-250+GMX24-MFT-X1 G7150S+2*GKX24-MFT-X1 G7150S+2*GMB24-3-X1 | Belimo |  | G71500S-250+GMX24MF-TX1 | 1 | \$17,947.00 | 58\% | \$7,537.74 |
|  | Baimo |  |  | 1 | \$70,989.00 | 58\% | \$4,615.38 |
|  | Balimo |  |  | 1 | \$8,732.00 | 58\% | \$3,667.44 |
| G7150S+2*GMX24-MFT-X1 G7150S-250+2*GMB24-3-X1 | Beimo |  | G7750S+2-GMX24.MF-.x1 | 1 | \$9,239.00 | 58\% | \$3,880.38 |
|  | Baimo |  | G7150 - $250+2^{2} \cdot \mathrm{GMB24} \cdot 3 \cdot \times 1$ | 1 | \$9,772.00 | 58\% | \$4,104.24 |
| G7150S-250+2*GMX24-MFT-X1 G765+2*AFBUP-S-X1 | Beimo |  | G7150S-250+2'Gmx24-MFT-X1 | 1 | \$10,319.00 | 58\% | \$4,333.98 |
|  | Baimo |  | G765+2.AFBUP.S. $\times 1$ | 1 | \$3,005.00 | 58\% | \$1,262.10 |
| G7755+2-AFBup-x1 | Baimo |  | G7755 2 PAFBup- $\mathrm{x}_{1}$ | 1 | \$2,913.00 | 58\% | \$1,223.46 |
| G765+2*AFX24-MFT95-X1 G765+2*AFX24-MFT-S-X1 | Baimo |  | G765+2:AFX24MFT95.x1 | 1 | \$3,155.00 | 58\% | \$1,325.10 |
|  | Beimo |  |  | 1 | \$3,226.00 | 58\% | \$1,354.92 |
| G7765+2'AF×24-MFT-X1 | Baimo |  |  | 1 | \$3,133.00 | 58\% | \$1,315.86 |
|  | Baimo |  | G7755+2-GKX24-MET-×1 | 1 | \$4,929.00 | 58\% | \$2,070.18 |
| G7765+2'GMB224.3. ${ }^{1}$ | Balimo |  | G765+2'GM8224.3×1 | 1 | \$2,770.00 | 58\% | \$1,163.40 |
| G7755+2'GMx $24 . \mathrm{MFT} \cdot \times 1$ | Beimo |  | G7755+2'Gmx24-MET-×1 | + | \$3,233.00 | 58\% | \$1,357.86 |
| G765+AFBUP.S. $\times 1$ G765.AFBuP.x1 | Baimo |  | G775 5 Afebup. $\times$. ${ }_{1}$ | , | \$2,364.00 | 58\% | \$992.88 |
|  | Beimo |  | G765+AFBUP. $\mathrm{X}_{1}$ | 1 | \$2,267.00 | 58\% | \$952.14 |
| G7654AFX24MET95-x1 | Beimo |  | G775 5 AFx24.MFT95.x1 | 1 | \$2,408.00 | 58\% | \$1,011.36 |
| G765+AFX24-MFT-S-X1 G765+AFX24-MFT-X1 | Baimo |  | G7755AFF24.Mer-s. $\times 1$ | 1 | \$2,481.00 | 58\% | \$1,042.02 |
|  | Balimo |  | G765+AF「24.MET-X1 | 1 | \$2,384.00 | 58\% | \$1,001.28 |
|  | Baimo |  | G77556G8824.3. ${ }^{1}$ | 1 | \$2,951.00 | 58\% | \$1,239.42 |
| G765+GKX24-MFT-X1 G765+GMB24-3-X1 | Belimo |  | G765+GKX24.MFT.-X1 | 1 | \$3,367.00 | 58\% | \$1,414.14 |
|  | Balimo |  | G7655+aM8243.31 | 1 | \$2,209.00 | 58\% | \$927.78 |
| G765+GMX24-MT- $\times 1$ | Baimo |  | G765+GMx24-MT- $\times 1$ | 1 | \$2,478.00 | 58\% | \$1,040.76 |

The scope of this contract includes the following
Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated icroprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Buiding Control Sys ane aso subcategories of Building Automation Systems
3. Itegrated Microprocessor-Consoled HVAC

Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and , commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenance of Integrated Microprocessor-Based HVAC Equipment, c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or mainten
Cleans, tests, and balances the Integrated Microprocessor-Controlled HVAC Equipment in accordance with Code Requirements.

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs Showers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he

Factory Installed/Factory-Provided micro-processor--controlled included/conter
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose IT, Telecommumications, Networking Cabling, Fiber Optics (e.g. phone, pbx, digital centrex, digital key systems, television, cable, T-Line, general broadband,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| alvumber |  | Ouct Descripition | toode | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| G765+NVG24MFT US | Beimo |  | G765+NVG24MET US | Clause st ${ }^{\text {a }}$ | List Price | \% Discoumt | NTS Nat Price |
| G765-250+2'AFEUP-S. $\times 1$ | Beimo |  | G775-250+2APREUP.S. $\mathbf{x}_{1}$ | 1 | \$3,888.00 | 58\% | \$1,607.76 |
|  | Beimo |  | G765-250+2:AFBUP-X1 | 1 | \$3,733.00 | 58\% | \$1,567.86 |
| G765-250+2.AFX24.4FT-S. $\times 1$ | Beimo |  | G775.250+2AAFX24.MFT. $\cdot \times 1$ | 1 | \$4,145.00 | 58\% | \$1,740.90 |
| G7765-250+2APAX24-MTT-X1 | Baimo |  | G765-250+2'AFX24-MT- $\mathrm{x}^{1}$ | 1 | \$3,931.00 | 58\% | \$1,651.02 |
| G775-250+2'GKK24-MF->1 | Baimo |  | G765-250+2'GKX24-MFT-X1 | 1 | \$5,727.00 | 58\% | \$2,405.34 |
| G765-250+2'GMB24.3. $\times 1$ | Baimo |  | G765-250+2'GMB24.3. $\times 1$ | 1 | \$4,079.00 | 58\% | \$1,713.18 |
| G776-250+2'GMx24-MF- $\times 1$ | Baimo |  | G7765-250+2'GMX24.MF-.x1 | 1 | \$4,432.00 | 58\% | \$1,861.44 |
| $\mathrm{G}^{\text {G765-250AABUPP.S. } \times 1}$ | Baimo |  | G765-25+AfBup-S. $\times 1$ | 1 | \$3,165.00 | 58\% | \$1,329.30 |
| G765-250AAFBuP.X1 | Baimo | ${ }^{3}$-way FGV, ANSI 250, Bronze Trim, 2-1/2" Cv 68 (UP) (ith Spring Return, 180 in-lb, On/offt, 24 to 240 V | G765-250AAEBUP.X1 | 1 | \$3,069.00 | 58\% | \$1,288.98 |
| G775-250AAX24.MFT95.X1 | Belimo |  | G765-250 AFX24.MFT95.x1 | 1 | \$3,165.00 | 58\% | \$1,329.30 |
|  | Belimo |  | G765-250AAFX24-MF-S-××1 | 1 | \$3,237.00 | 58\% | \$1,359.54 |
|  | Belimo |  | G776-250+AFX24.MFT-X1 | 1 | \$3,143.00 | 58\% | \$1,320.06 |
|  | Balimo | 3-way FGV, ANSI 250, Bronze Trim, 2-1/2" Cv 68 with Electronic Fail-Sate, 360 in-1b |  | 1 | \$3,749.00 | 58\% | \$1,574.58 |
| G766-250+GK×24.MF-.x1 | Baimo |  | G765-250+GK×24.MF-×1 | 1 | \$3,367.00 | 58\% | \$1,414.14 |
| 765.250+GM824.3.×1 | Beimo |  | 9765-250+GMB22.3. $\times 1$ | 1 | \$3,049.00 | 58\% | \$1,280.58 |
|  | Beimo |  | G766-250+GMX24.MF--X1 | 1 | \$3,283.00 | 58\% | \$1,378.86 |
|  | Belimo |  | G766-250+NVG24MFT US | 1 | \$2,794.00 | 58\% | \$1,173.48 |
| G765D+AFBuP.S. 1 | Belimo |  | G7750+AFBuP.S. $\mathrm{X}_{1}$ | 1 | \$4,653.00 | 58\% | \$1,954.26 |
| G7655+AFBup-x1 | Balimo |  | G7650+AFBUP. $\mathrm{X}_{1}$ | 1 | \$4,558.00 | 58\% | \$1,914.36 |
| G7650+AFX24.MFT95. $\mathbf{1}^{1}$ | Belimo |  | G7650+AFX24MET95. $\times 1$ | 1 | \$4,715.00 | 58\% | \$1,980.30 |
| G7750+AFX24MF-T. $\times 1$ | Belimo |  | G775D+AFX24.4F-T. $\times 1$ | 1 | \$4,791.00 | 58\% | \$2,012.22 |
| G7650AFAX24MF-X1 | Balimo |  | G7650AFAK24.MF--X1 | 1 | \$4,692.00 | 58\% | \$1,970.64 |
| G7765+GK824.3. ${ }_{1}$ | Belimo |  | G775D+GK8243.31 | 1 | \$5,180.00 | 58\% | \$2,175.60 |
| G7755+GKK24MET-X1 | Belimo |  | G7650+GKK24.MF-.-x | 1 | \$5,612.00 | 58\% | \$2,357.04 |
| G7760+GMB224.3. ${ }^{1}$ | Baimo |  | G765D+GMB24.3.x1 | 1 | \$4,536.00 | 58\% | \$1,905.12 |
| G77650+GMX24MFT-X1 | Baimo |  | G7650+GMX24-MFT-X1 | 1 | \$4,737.00 | 58\% | \$1,989.54 |
| G765+NMG24.MFT US | Belimo |  | G7655+NGG24MFT US | 1 | \$4,172.00 | 58\% | \$1,752.24 |
| G7650S+AFEUPP.S. ${ }_{1}$ | Balimo |  | G7650S+AFEUP.S. $\times 1$ | 1 | \$6,697.00 | 58\% | \$2,812.74 |
| G765SS+AfBup.x ${ }_{1}$ | Baimo |  | G765SS + AFEUP. $\mathbf{x}_{1}$ | 1 | \$6,599.00 | 58\% | \$2,771.58 |
| G765SSAFX24MFTT95. $\times 1$ | Balimo |  | G7655S+AFX24.MET99.×1 | 1 | \$6,785.00 | 58\% | \$2,849.70 |
| G7755SSAFEX24MFT-S. $\mathrm{x}_{1}$ | Belimo | 3.way FGV PC, Stainess Tim, 2-1/2" Cv 68 with Spring Retur, 180 in-Ib, MFT, 24V | G765SS+AFX24MFT.S. $\times 1$ | 1 | \$6,858.00 | 58\% | \$2,880.36 |
| G765SSAFFX24-MET-X1 | Beimo |  | G765SS+AFF24-MFT-X1 | 1 | \$6,761.00 | 58\% | \$2,839.62 |
| G765SS+6K824 $3 \times 1$ | Belimo |  | G7650S+6K8224.3.1 | 1 | \$7,445.00 | 58\% | \$3,126.90 |
|  | Balimo |  | G765SS+GK×24MET-X1 | 1 | \$7,676.00 | 58\% | \$3,223.92 |
| 97650S+6M8224.3.1 | Belimo |  | G7650S+GMB24 $3 \times 1$ | 1 | \$6,516.00 | 58\% | \$2,736.72 |
| G765SS+GMX24MFT. $\mathbf{x}_{1}$ | Beimo |  | G765SS+GMX24MF-TX1 | 1 | \$6,800.00 | 58\% | \$2,856.00 |
| G765SS+NVG24.MFT US | Beimo |  | G765DS+NVG24.Met US | 1 | \$6,318.00 | 58\% | \$2,653.56 |
| G7755S-250+AFBUP.S. $\times 1$ | Baimo | 3-way Div FGV, ASNSI 250, SS Trim, 2-1/2" Cv 68 with Spring Return, 180 in-lb,On/Off, 24 to 240 V (UP) | G7650S-250AAFBUP.S. x1 $^{\text {a }}$ | 1 | \$7,866.00 | 58\% | \$3,303.72 |
| G7650-250AAFBup-x1 | Belimo | 3-way Div FGV, ASNSI 250, SS Trim, 2-1/2" Cv 68 with Spring Return, 180 in -lb ,On/Off, 24 to 240 V | G7755S-250^AFBup .X | 1 | \$7,773.00 | 58\% | \$3,264.66 |
| G76508-250AAF24.MmFT95.x1 | Beimo |  | G765SS-250AAF24.MFTT95.X1 | 1 | \$7,960.00 | 58\% | \$3,343.20 |
|  | Belimo | 3.way FGV PC, Stainess Tim, 2-1/2/ Cv 68 with Spring Retur, 180 in-Ib, MFT, 24V | G765SS-250AAF24-MET-Sx1 | 1 | \$8,030.00 | 58\% | \$3,372.60 |
| G7650S-250AAFX24MF-X1 | Balimo |  | G765SS-250AAFX24-MFT-X1 | 1 | \$7,934.00 | 58\% | \$3,332.28 |
| G7750S-250+GKk224.3.1 | Beimo |  | G7755S-250+GK824.3.x1 | 1 | \$8,346.00 | 58\% | \$3,505.32 |
| G7765SS-250+GKK24-MFT- $\times 1$ | Baimo |  | G7750S-250+GKK24-MF- $\times 1$ | 1 | \$8,850.00 | 58\% | \$3,717.00 |
| G7650S-250+GMB243.31 | Balimo |  | G7765S-250+GME22.3. $\times 1$ | 1 | \$7,702.00 | 58\% | \$3,234.84 |
|  | Baimo | 3.way FGV PC, Stainess T Tim, 2-1/2" Cov 68 with Non-Spring Reutr,36 in-lb, MFT, 24V | G7750S-250+GMX24-MFT-X1 | 1 | \$7,976.00 | 58\% | \$3,349.92 |
| G7650s-250+NVG24MFT US | Beimo |  | G7650S-250+NVG24MFT US | 1 | \$7,491.00 | 58\% | \$3,146.22 |
| G765+2-2AEBUP.S. $\mathrm{l}_{1}$ | Balimo |  |  | 1 | \$3,713.00 | 58\% | \$1,559.46 |
| G7765S+2.AFEUP. $\mathrm{x}_{1}$ | Baimo |  | G7765S+2'AFBuP.x1 | 1 | \$3,616.00 | 58\% | \$1,518.72 |
| G765S+2'AFX24-MFT-S. $\times 1$ | Baimo |  | G765s+2.AFX24.MFT-S. $\mathrm{x}_{1}$ | 1 | \$4,033.00 | 58\% | \$1,693.86 |
| G765S+2'AFF24-Mer-x1 | Belimo | 3-way FGV PC, Stainess Tim, 2-1/2" Cv. 68 with Spring Retur, 180 in-Ib, MFT, 24V |  | 1 | \$4,033.00 | 58\% | \$1,693.86 |
| G765S+2\%GKX24MF-TX1 | Belimo | 3-way, FGV, SS Timi, 2-1/2" CV 68 with Electronic Fal:Safe, 360 in-b, MFT, 24V |  | 1 | \$5,888.00 | 58\% | \$2,447.76 |
| 97655+2.6MB24.3.1 | Balimo |  | G7655+2.6MB24.3. $\times 1$ | 1 | \$3,468.00 | 58\% | \$1,456.56 |
| G7765S+2'GMX24MF- - $^{1}$ | Baimo |  | G765S+2'AMX24.MF-x1 | 1 | \$4,017.00 | 58\% | \$1,687.14 |
| G7765+AFBuP.S. x 11 | Belimo | 3.way, FGV, SS Tim, 2-1/2" Cv 68 with Sping Reumr, 188 inilb, Onotit, 2410240 V ( (UP) | G7765SAPEUP.S. $\times 1$ | 1 | \$3,101.00 | 58\% | \$1,302.42 |
| G765S+AFBuP. $\mathrm{x}_{1}$ | Baimo |  | G765S+AFBup. $\mathrm{X}_{1}$ | 1 | \$3,005.00 | 58\% | \$1,262.10 |
| G7655+AFX24.4.T95: $\mathbf{x}_{1}$ | Baimo |  | G765S+AFX24.MFT95.x1 | 1 | \$3,189.00 | 58\% | \$1,339.38 |
| G765S+AFX24.MF-T. $\times 1$ | Balimo |  | G765S+AFX24.MFT. $\times 1$ | 1 | \$3,263.00 | 58\% | \$1,370.46 |
| G765+AFEX24MF- $\mathrm{Xl}_{1}$ | Belimo | 3.way FGV PC, Stainess Tim, 2-1/2" Cv 68 with Spring Retur,180 in.lb, MFT, 24V | G7655 + AFX24MF-M1 | 1 | \$3,167.00 | 58\% | \$1,330.14 |
| 67655+GK824.3. $\times 1$ | Baimo |  | 67655+6K824.3. $\times 1$ | 1 | \$3,850.00 | 58\% | \$1,617.00 |
| G765S+GKK24MF-.x1 | Beimo |  | G7655+6KK24.MF-.x1 | 1 | \$4,267.00 | 58\% | \$1,792.14 |
| G7765+GMB24.3. $\times 1$ | Belimo |  | G7765+6MB24.3.x1 | 1 | \$2,931.00 | 58\% | \$1,231.02 |
| G7655+GMx24-MFT-X1 | Baimo |  | G7655+anx24.MFT-X1 | 1 | \$3,184.00 | 58\% | \$1,337.28 |
| G765S+NGG24MFT US | Beimo |  | G7655+NGG24MFT US | 1 | \$3,087.00 | 58\% | \$1,296.54 |
| G7755-250+2'APESUP. ${ }^{\text {P } \times 1}$ | Baimo |  | G765s-250+2.AFBUP.S. x 10 | 1 | \$3,995.00 | 58\% | \$1,677.90 |
| G765S-250+2.AFBup $\times 1$ | Belimo |  | G7655-550+2AFBup-x1 | 1 | \$3,899.00 | 58\% | \$1,637.58 |
|  | Belimo |  | G7655-250+2'AF 2 24MFT. $\cdot \times 1$ | 1 | \$4,313.00 | 58\% | \$1,811.46 |
|  | Beimo |  |  | 1 | \$4,216.00 | 58\% | \$1,770.72 |
|  | Baimo | 3 3.way, FGV, ANSI 1250, SS Timi, 2-1/2" CV 68 with Electronic Fal:Saie, 360 inlib, MFT, 24V | G7765-250+2'GKK24-MET- $\times 1$ | 1 | \$5,723.00 | 58\% | \$2,403.66 |
| G7755-250+2'9MB24-3. $\times 1$ | Balimo |  |  | 1 | \$3,753.00 | 58\% | \$1,576.26 |
| G7655-250+2'¢MX24-MFT-X1 | Baimo |  |  | 1 | \$4,302.00 | 58\% | \$1,806.84 |
| G765s-250AAEUPP.S. $\times 1$ | Belin | 3-way, FGV, ANSI 250, SS Trim, 2-1/2" Cv 68 with Spring Return, $180 \mathrm{in}-\mathrm{lb}$,On/Off,24 to 240 V | G765s-250AAEUPP. $\times 1$ | 1 | \$3,378.00 | 58\% | \$1,418.76 |
| G765S-250.AFBup-x1 | Balimo | 3-way, FGV, ANSI 250, SS Trim, 2-1/2" Cv 68 with Spring Return, $180 \mathrm{in}-\mathrm{lb}$, On/Off, 24 to 240 V | G765S-250AAFBuP. $\mathrm{x}_{1}$ | 1 | \$3,283.00 | 58\% | \$1,378.86 |
| G765S-250AAFX24.MFT95. $\times 1$ | Beimo |  | G7655-50+AFX24.MFT95.x1 | 1 | \$3,740.00 | 58\% | \$1,570.80 |
| G7655-250+AFX24.4F-T. $\times 1$ | Baimo |  |  | 1 | \$3,540.00 | 58\% | \$1,486.80 |
| G7755-250AAFX24MF-. $\mathbf{X 1}_{1}$ | Baimo |  | G765S-250AAF24-MFT-X1 | 1 | \$3,444.00 | 58\% | \$1,446.48 |
| G7765-250+GK824.3.1 | Baimo |  | G7765-250+GK824.3.1 | 1 | \$4,033.00 | 58\% | \$1,693.86 |
| G7765-250+GKK24-MFT-X1 | Balimo |  | G765-250+G6K24-MF-- $\mathbf{x}_{1}$ | 1 | \$4,450.00 | 58\% | \$1,869.00 |
| G765s-200+GMB243-3. ${ }^{\text {a }}$ | Balimo |  | G7655-250+GMB24-3. $\mathbf{1}$ | 1 | \$3,219.00 | 58\% | \$1,351.98 |
|  | Baimo |  |  | 1 | \$3,495.00 | 58\% | \$1,467.90 |
| G765-250+NVG24-MmT Us | Baimo |  | G7655-250+NVG24-MFT US | 1 | \$3,323.00 | 58\% | \$1,395.66 |

The scope of this contract includes the following
Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Hcroprocessor-Contronted HAC Equipment in a building or faciilty. Building Management Systems and Builang Coriro Sy,
.
Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and , commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
Integrated BAS/EMS/IItegrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (MAP), and/or other similar device, which iize certain procos (e.g. BACNe, Lontak, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenance of Integrated Microprocessor-Based HVAC Equipme c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or mainten
Cleans, tests, and balances the Integrated Microprocessor-Controlled HVAC Equipment in accordance with Code Requirements.

The scope of this contract does not include:
.
wers, water fountains, water heaters hot water tanks, garbage disposal repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs,
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
3. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he

Factory Installed/Factory-Provided micro-processor--controlled included/con
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
he contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not imited
A. General Furpose 1 , Telecommunications, Networking Cabing,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| mooel Number | Balimo | Product Descriplion | Produc Code | "Warranty Period - \# of year(s) afteracceptance as required by Appendix B,Clause 54" | List Price | \% Discoumt | Nrs Nel Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |
|  |  |  | G7880+2AFBUP. ${ }^{\text {P }}$. ${ }^{1}$ | 1 | \$3,217.00 | 58\% | \$1,351.14 |
| G780+2-AFBup.x1 | Beimo |  | G7700+2AFEUP-x1 | 1 | \$3,123.00 | 58\% | \$1,311.66 |
| G780+2AAFX24.MFT95.X1 | Beimo | 3.way FGV PC, Brorze Tim, $3^{3 \prime}$ C CV9 with Sping Return, 180 in-b, M, MF, 24V | G780+2'AFK24.MFT95.x1 | 1 | \$3,101.00 | 58\% | \$1,302.42 |
| G780+2AAFX24-MFT. $\times$. $\times 1$ | Beimo | 3.way FGV PC, Bronze Tim, $3^{3 \prime}$ C CV 91 with Sping Return, 180 in-b, M, MF, 24V | G780+2:AFF24-MET-S.x1 | 1 | \$3,460.00 | 58\% | \$1,453.20 |
| G780+2PAFY24MF-×1 | Belimo | 3.way FGV PC, Brorze Tim, $3^{3}$ C cv 91 with Spring Retum, 180 in-b, M,MT, 24V | G780+2'AFF24-MFT-×1 | , | \$3,367.00 | 58\% | \$1,414.14 |
| G780+2.GKK24-MET-X1 | Belimo |  | G78002'GKK24-MFT-×1 | , | \$5,162.00 | 58\% | \$2,168.04 |
| G7800 2'GMB224.3. $\times 1^{1}$ | Belimo |  | G7880 $2^{\text {CGME }}$ 224.3. $\times 1$ | 1 | \$2,981.00 | 58\% | \$1,252.02 |
| G780+2*GMX24-MFT-X1 G780+AFBUP-S-X1 | Beimo |  |  | 1 | \$3,444.00 | 58\% | \$1,446.48 |
|  | Beimo |  | G7800AFEUP.S. $\times 1$ | 1 | \$2,571.00 | 58\% | \$1,079.82 |
| G780+AFBup.x1 | Beimo |  | G780+AFBuP. $\mathrm{X}_{1}$ | 1 | \$2,476.00 | 58\% | \$1,039.92 |
| G7800AF×24.MFT95.x1 | Beimo |  | G780+AF2-24.MFT95.x1 | 1 | \$2,620.00 | 58\% | \$1,100.40 |
|  | Beimo |  | G780+AF-24.MF-S. $\times 1$ | 1 | \$2,692.00 | 58\% | \$1,130.64 |
| G780+AFK24.MFT.-X1 | Belimo | 3.way FGV PC, Bronze Tim, $3^{\circ}$ C Cv 9 with Spring Retur, 180 in'lb, MFT, 24 V | G780+AFP24-MT- $\times 1$ | I | \$2,598.00 | 58\% | \$1,091.16 |
| G7700+GK824.3.31 | Belimo |  | G780+GK8243.31 | 1 | \$3,184.00 | 58\% | \$1,337.28 |
| G780+GKX24-MFT-X1 G780+GMB24-3-X1 | Beimo |  | G780+GKк24.MTT.-x | , | \$3,600.00 | 58\% | \$1,512.00 |
|  | Belimo | 3.way FGV PC, Bronze Tin, $3^{3 \prime}$ CV 911 with Non-Sping Reum, 360 in.lb, Onotiffloating,24V | G780+GM324.3. $\times 1$ | 1 | \$2,415.00 | 58\% | \$1,014.30 |
| G780+GMX24.MT-.x1 | Beimo | 3.way FGV PC, Bronze Tim, $3^{3 \prime}$ C CV 91 with Non-Spping Reutr,36in in-lb, MFT, 24V | G780+GMX24MFT-X1 | 1 | \$2,696.00 | 58\% | \$1,132.32 |
| G780+NVG24.MFT US | Beimo |  | G780+NVG24MET US | 1 | \$2,229.00 | 58\% | \$936.18 |
| G780-250+2APEBUP.S. $\mathbf{x}^{1}$ | Belimo |  |  | 1 | \$4,267.00 | 58\% | \$1,792.14 |
| G780-250+2.AFBup.x1 | Belimo |  | G780-250+2.AFBup.x1 | 1 | \$4,167.00 | 58\% | \$1,750.14 |
| G780-250+2-AFX24MF-T. $\times 1$ | Beimo |  |  | 1 | \$4,586.00 | 58\% | \$1,926.12 |
| G780-250+2'AFK24-MT- $\times 1$ | Beimo | 3.wey FGV PC, Brorze Tim, $3^{\circ}$ C cr 91 with Spring Relum, 180 in-Ib, MFT, 24V | G780-250+2-AFK24-MFT- $\mathrm{X}_{1}$ | 1 | \$4,492.00 | 58\% | \$1,886.64 |
| G780-250+2-GKK24-MF-->1 | Belimo |  | G780-250+2-GKX24-MF-->1 | 1 | \$6,286.00 | 58\% | \$2,640.12 |
| G780-250+2\%.6m824.3. $\times 1$ | Beimo |  | G780.-5002r.9MB24.3. $\times 1$ | 1 | \$4,152.00 | 58\% | \$1,743.84 |
| G780-250+2*GMX24-MFT-X1 G780-250+AFBUP-S-X1 | Belimo |  | G780-50+2'GMX24-MET-X1 | 1 | \$4,505.00 | 58\% | \$1,892.10 |
|  | Belimo |  | G770-250AABEUPS. $\times 1$ | 1 | \$3,623.00 | 58\% | \$1,521.66 |
| G780-250AFEUP-X1 | Belimo |  | G780-250+AFBup.x1 | 1 | \$3,528.00 | 58\% | \$1,481.76 |
| G780-50+AF××4-MFT95-x1 | Belimo |  | G780:250AF.K24MFT95.x1 | 1 | \$3,707.00 | 58\% | \$1,556.94 |
| G780-250+AFX24-MFT-S-X 1 G780-250+AFX24-MFT-X1 | Beimo |  |  | 1 | \$3,779.00 | 58\% | \$1,587.18 |
|  | Belimo |  | G780-250+AFX24.4F-X1 | 1 | \$3,684.00 | 58\% | \$1,547.28 |
| G780-250+GK8224.3.1 | Belimo |  | G780-250+GK824.3.1 | 1 | \$4,308.00 | 58\% | \$1,809.36 |
| G780-250+GKK24-MFT-X1 | Beimo |  | G7780.250+GK×24.MF-.X1 | 1 | \$4,725.00 | 58\% | \$1,984.50 |
|  | Beimo |  |  | 1 | \$3,486.00 | 58\% | \$1,464.12 |
| G780-250+GMx24.MFT-X1 | Beimo |  | G780-250+GMX24.MF--x1 | 1 | \$3,724.00 | 58\% | \$1,564.08 |
| G780-250+NVG24-MFT US G780D+AFB24-X1 G780D+AFBUP-S-X1 | Belimo |  | G780-250+NVG24METUS | 1 | \$3,219.00 | 58\% | \$1,351.98 |
|  | Belimo |  | G7800+AfB24×1 | I | \$5,065.00 | 58\% | \$2,127.30 |
|  | Belimo |  | G7800+AFBUP.S. X 1 | 1 | \$5,222.00 | 58\% | \$2,193.24 |
| G7800+AFBup.x1 | Beimo |  | G7800+AFBup.x1 | 1 | \$5,127.00 | 58\% | \$2,153.34 |
|  | Belimo | 3.way FGV PC, Brorze Tim, $3^{4}$ CV8 85 with Spring Retum, 180 in-b, MfT, 24V | G7800+AFX24.MFT95:X1 | 1 | \$5,272.00 | 58\% | \$2,214.24 |
|  | Belimo |  |  | 1 | \$5,345.00 | 58\% | \$2,244.90 |
| G780D+AFX24-MFT-X1 G780D+GKB24-3-X1 | Belimo |  | G7800 AFXX24-MFT-X1 | 1 | \$5,248.00 | 58\% | \$2,204.16 |
|  | Beimo |  | G7800+GKE824.3.1 | 1 | \$5,729.00 | 58\% | \$2,406.18 |
| G780D+GKX24-MFT-X1 G780D+GMB24-3-X1 | Beimo |  | G7800+GKK24.MFT-X1 | 1 | \$6,146.00 | 58\% | \$2,581.32 |
|  | Belimo |  | G7800+GMB24.3. $\times 1$ | 1 | \$5,083.00 | 58\% | \$2,134.86 |
| G780D+GMX24-MFT-X1 G780D+NVG24-MFT US G780DS+AFB24-X1 G780DS+AFBUP-S-X1 | Belimo |  | G7800+GMx24-MET-X1 | 1 | \$5,318.00 | 58\% | \$2,233.56 |
|  | Belimo |  | G7800+NGG24MFT US | 1 | \$4,769.00 | 58\% | \$2,002.98 |
|  | Beimo |  | G7800S + AFB24. ${ }^{\text {x }}$ | 1 | \$7,449.00 | 58\% | \$3,128.58 |
|  | Beimo |  | G7800SSAFEBUP.S. $\times_{1}$ | 1 | \$7,603.00 | 58\% | \$3,193.26 |
| G7800S+AfBup. ¢ $_{1}$ | Beimo |  | G7800SAAFEUP. ¢ $_{1}$ | 1 | \$7,509.00 | 58\% | \$3,153.78 |
| G7800SS+AFX24.MFT95.x1 | Beimo |  | G7800S+AFX24MFT95.x1 | 1 | \$7,455.00 | 58\% | \$3,131.10 |
|  | Beimo |  | G7800S+AFX24MFT-S. $\mathrm{x}_{1}$ | 1 | \$7,766.00 | 58\% | \$3,261.72 |
| G780DS+AFX24-MFT-X1 G780DS+GKB24-3-X1 | Belimo | 3.way FGV PC, Stainess Tim, ${ }^{\text {cou }}$ Cv 85 with Spring Reuun, 180 in-lb, MFT, 24V | G7800SSAFEX24MF--x1 | 1 | \$7,671.00 | 58\% | \$3,221.82 |
|  | Belimo |  | G7800S+GK8824.3.1 | 1 | \$8,152.00 | 58\% | \$3,423.84 |
| G780DS+GKX24-MFT-X1 G780DS+GMB24-3-X1 | Belimo |  | G780SSGGK<24MF->1 | 1 | \$8,569.00 | 58\% | \$3,598.98 |
|  | Belimo |  | G7800S+6m824.3. $\times 1^{1}$ | 1 | \$7,437.00 | 58\% | \$3,123.54 |
| G780DS+GMX24-MFT-X1 G780DS+NVG24-MFT US G780DS-250+AFBUP-S-X1 | Beimo |  | G7800S+GMX24.MF-X1 | 1 | \$7,709.00 | 58\% | \$3,237.78 |
|  | Beimo |  | G7800S+NVG24MFTT US | 1 | \$7,226.00 | 58\% | \$3,034.92 |
|  | Belimo |  | G78000-250 AFBUP.S. $\times 1$ | 1 | \$8,976.00 | 58\% | \$3,769.92 |
| G7800s-250AAFBUP-X1 | Belimo |  | G7800S-250AABEUP-x1 | 1 | \$8,882.00 | 58\% | \$3,730.44 |
| G780DS-250+AFX24-MFT95-X1 G780DS-250+AFX24-MFT-S-X G780DS-250+AFX24-MFT-X1 G780DS-250+GKB24-3-X | Beimo |  | G7800S-250+AF24.METT9.-x1 | 1 | \$9,052.00 | 58\% | \$3,801.84 |
|  | Beimo |  | G7800S-250AAFX24-MT-S.Sx | 1 | \$9,122.00 | 58\% | \$3,831.24 |
|  | Beimo |  | G7800S-250AAFX24-MT- $\times 1$ | 1 | \$9,027.00 | 58\% | \$3,791.34 |
|  | Beimo |  | G7800s-250+GKB224.3.1 | 1 | \$9,508.00 | 58\% | \$3,993.36 |
| G780DS-250+GKX24-MFT-X1 G780DS-250+GMB24-3-X1 | Belimo |  | G7800S-250-GIK24-MFT-x1 | 1 | \$9,925.00 | 58\% | \$4,168.50 |
|  | Beimo |  | G7800S-250+GMB224.3. $\times 1$ | 1 | \$8,804.00 | 58\% | \$3,697.68 |
| G780DS-250+GMX24-MFT-X1 G780DS-250+NVG24-MFT US | Belimo |  | G7800S-250+GMX24-MF-->1 | 1 | \$9,047.00 | 58\% | \$3,799.74 |
|  | Beimo |  | G7800S-250+HVG24.MFT US | 1 | \$8,593.00 | 58\% | \$3,609.06 |
| G780S+2APA824×1 | Beimo |  | G780S +2 'AFE24-41 | 1 | \$4,051.00 | 58\% | \$1,701.42 |
| G780S+2:AFBup-S. $\times 1$ | ${ }^{\text {Belimo }}$ |  |  | 1 | \$4,267.00 | 58\% | \$1,792.14 |
| G780S $\mathrm{c}^{2}$ APEBUP. $\mathrm{x}_{1}$ | Belimo |  | G780S+2AFPBup.x1 | 1 | \$4,172.00 | 58\% | \$1,752.24 |
|  | Beimo |  | G780S +2 PAFK24.MFT-S. $\mathrm{x}_{1}$ | 1 | \$4,586.00 | 58\% | \$1,926.12 |
| G780S+2*AFX24-MFT-X1 G780S+2*GKX24-MFT-X1 | Beimo |  |  | 1 | \$4,492.00 | 58\% | \$1,886.64 |
|  | Belimo |  | G780S+2-GKX24.MF-X1 | 1 | \$6,286.00 | 58\% | \$2,640.12 |
| G7805 $+2^{2}$ ¢MB243. $\times 1$ | Beimo |  | G7800 $2^{2}$ 'GME24.3. $\times 1$ | 1 | \$4,025.00 | 58\% | \$1,690.50 |
| G780S $+2^{2}$ GMx 24 MF--x1 | Beimo |  | G780S+2'GMX24MF-X1 | 1 | \$4,571.00 | 58\% | \$1,919.82 |
| G780S+AFB24-X1 G780S+AFBUP-S-X1 | Belimo |  | $\mathrm{Gr805}^{\text {+ }}$ AB824 $\times 1$ | 1 | \$3,480.00 | 58\% | \$1,461.60 |
|  | Beimo |  | G780SAFAFUP.S.S ${ }^{1}$ | 1 | \$3,634.00 | 58\% | \$1,526.28 |
| G780S+AFBuP-x1 | Belimo |  |  | 1 | \$3,540.00 | 58\% | \$1,486.80 |
| G780S+AF×24-MFT95.X1 | Belimo |  | G780S+AF×24-MFT95.X1 | 1 | \$3,713.00 | 58\% | \$1,559.46 |
|  | Beimo |  | G780S+AFX24.MFT.S.X1 | 1 | \$3,806.00 | 58\% | \$1,598.52 |
|  | Beimo |  | G780s+AFK24MF-.x1 | 1 | \$3,713.00 | 58\% | \$1,559.46 |
|  | Beimo |  | 6780S+6K824.3. $\times 1$ | 1 | \$4,308.00 | 58\% | \$1,809.36 |
| G7805+6GK<24-MFT-X1 | Belimo |  | G7805+GKK24.MF-.x1 | 1 | \$4,725.00 | 58\% | \$1,984.50 |
|  | Beimo |  | G7805+¢98824.3.1 | 1 | \$3,468.00 | 58\% | \$1,456.56 |
|  | Beimo |  | G7805+6M×24.MET-X1 | 1 | \$3,744.00 | 58\% | \$1,572.48 |
| G7805+NVG24MFT US | Belimo |  |  | 1 | \$3,426.00 | 58\% | \$1,438.92 |
| G7700-250+2'AFB24. $\times 1$ | Belimo |  |  | 1 | \$4,274.00 | 58\% | \$1,795.08 |
| G7805-250+2-ARESUP.S. $\times 1$ | Belimo |  | G780s-250 $+2^{\text {a }}$ AEBUP.S. $\times 1$ | 1 | \$4,490.00 | 58\% | \$1,885.80 |
| G7805-250+2-AFBUP.X1 | Belimo |  | G7800-250+2'AFEUP. $\mathbf{x 1}^{1}$ | 1 | \$4,394.00 | 58\% | \$1,845.48 |
| G780S-250+2*AFX24-MFT-S-X1 G780S-250+2*AFX24-MFT-X1 | Belimo |  |  | 1 | \$4,809.00 | 58\% | \$2,019.78 |
|  | Boimo |  |  | 1 | \$4,492.00 | 58\% | \$1,886.64 |

The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Monted Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and , commission and which are integr
products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other sid etc.) to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated
platforms/systems.
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
a) Is certified by either the Associated Air Balance Councii Bureau- AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Aringgton,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenate of Integrated Microprocessor-Based HVAC Equipment;
Cleans, tests and balances the Integrated Microprocessor-Controlled HVAC Equipment in accordance with Code Requirements.
The scope of this contract does not include:
thowers, water fountains, water heaters hot water tanss garbage dilation
showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. General Ductwork, Piping, etc. shall not be obtained on these contracts.
3. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not:
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not inited


A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency
B. To identify an individual(s)' location in the event of a fire or emergency.

|  |  |  |  | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54 " | List Pice | \% Discoumt | Nvs Nel Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| G7800-250+2-GKX24-MFT-X1 | Belimo |  | G7800-250+2'GKX24MF-TX1 | 1 | \$6,180.00 | 58\% | \$2,595.60 |
| G7805-250+2.9MB24.3. $\times 1$ | Belimo |  |  | 1 | \$4,249.00 | 58\% | \$1,784.58 |
| G7805-250+2-GMX24-MFT-X1 | Belimo |  | G7800-250+2'GMX24-MFT- $\mathbf{x}^{1}$ | , | \$4,787.00 | 58\% | \$2,010.54 |
| G780S-250+AFB24×1 | Belimo |  | G7805-250+AFB24×1 | + | \$3,720.00 | 58\% | \$1,562.40 |
| G780S-250AAEBUP.S. $\mathbf{1}_{1}$ | Belimo |  | G780S-250AAESUP.S. $\mathbf{x}_{1}$ | , | \$3,875.00 | 58\% | \$1,627.50 |
| G780S-250AAEBUP. $\mathrm{X}_{1}$ | Belimo |  | G780S-250AAEBUP. $\mathrm{X}_{1}$ | 1 | \$3,777.00 | 58\% | \$1,586.34 |
| G7800-250AAF24-MFT95.-1 | Balimo |  | G780S-250+AF×24-MFT95. $\times 1$ | 1 | \$4,264.00 | 58\% | \$1,790.88 |
|  | Balimo |  | G7805-250+AF×24.MF-T. $\times 1$ | 1 | \$3,806.00 | 58\% | \$1,598.52 |
| G7889-250+AFK24MF-×1 | Belimo |  | G780s-250AAFK24MFT. $\mathrm{X}_{1}$ | 1 | \$3,713.00 | 58\% | \$1,559.46 |
| G7805.250+GK8824.3. $\times 1$ | Belimo |  | G7800-250+GK824.3. ¢ | 1 | \$4,302.00 | 58\% | \$1,806.84 |
| G7805-250+GGK24.MFT-X1 | Balimo |  | G780s-250GGK<24MFT-X1 | 1 | \$4,719.00 | 58\% | \$1,981.98 |
|  | ${ }^{\text {Balimo }}$ |  | G7805.250+GMB24.3. $\times 1$ | 1 | \$3,718.00 | 58\% | \$1,561.56 |
| G780S-250+GMX24-MFT-X1 | Belimo |  | G7805-250+GMX24MF-X1 | 1 | \$3,989.00 | 58\% | \$1,675.38 |
| G7809-250+NVG24MFT US | Belimo |  | G780S-250+NG624-MFT US | 1 | \$3,757.00 | 58\% | \$1,577.94 |
| 20477.00001 | Belimo | Modul Bracket tor Honemwel Economizer | 20477.00001 | 1 | \$52.00 | 58\% | \$21.84 |
| AF.CC US | Belimo | Condut Comnector | AF.CC US | 1 | \$24.00 | 58\% | \$10.08 |
| AFP.P. | Belimo | Ani:Foataion Bracke | AFPP | 1 | \$8.00 | 58\% | \$3.36 |
| AH-25 | Belimo | NMB ( a and A ABE (x) Crakarm $^{\text {a }}$ | AH-25 | + | \$28.00 | 58\% | \$11.76 |
| AH-GMA | Belimo | GMB(X) Crankam | AH-GMA | 1 | \$34.00 | 58\% | \$14.28 |
| Av6-20 | Belimo |  | AV6-20 | 1 | \$48.00 | 58\% | \$20.16 |
| Av8. 25 | Belimo |  | Av8. 25 | 1 | \$56.00 | 58\% | \$23.52 |
| ccv-ExT-KIT | Belimo | cCVFIPCCV vave neck exension kt | ccv-Ext-kt | 1 | \$187.00 | 58\% | \$78.54 |
| EF.P. | Belimo | Anit Foation Brackel GK, EF, GM | Ef.P. | 1 | \$8.00 | 58\% | \$3.36 |
| nd.AF2 | Belimo | Postion ndiciator | nDo.AF2 | 1 | \$10.00 | 58\% | \$4.20 |
| NDDAFB | Belimo | AFENEE postion indicator | ND-AFB | 1 | \$10.00 | 58\% | \$4.20 |
| ${ }^{\text {no.EFb }}$ | Beimo | EFB postion indicator | ndo.erb | 1 | \$15.00 | 58\% | \$6.30 |
| ND.LF | Beimo | LF Postion Indicalor | ND.LF | 1 | \$10.00 | 58\% | \$4.20 |
| ND.TF | Beimo | TF Postion Indicator | ND.TF | 1 | \$10.00 | 58\% | \$4.20 |
| k4 Us | Belimo | AFNf $344^{\text {c Clamp, } 388^{\prime \prime} 0588^{\prime \prime} \text { hex }}$ | k4 Us | 1 | \$22.00 | 58\% | \$9.24 |
| ${ }^{\text {k4.1. Us }}$ | Belimo | Jackshat Clamp (Up to 1.05") | ${ }^{461.1 ~ U s ~}$ | 1 | \$24.00 | 58\% | \$10.08 |
| K4.2 Us | Beimo |  | K4.2 Us | 1 | \$22.00 | 58\% | \$9.24 |
| k6 Us | Beimo | Standard LF Clamp (3834010 $12^{\prime \prime}$ ) | k6 Us | 1 | \$18.00 | 58\% | \$7.56 |
| ${ }^{\text {k6.1 }}$ | Belimo |  | ${ }_{\text {k6.1 }}$ | 1 | \$16.00 | 58\% | \$6.72 |
| k7-2 | Belimo | AFBNFES standard clamp 12 2,344", $1.05^{\prime \prime}$ | k7-2 | 1 | \$26.00 | 58\% | \$10.92 |
| k8 Us | Beimo | Standara TF Clamp (1/44 $0^{10} 12^{\prime 2}$ ) | k8 Us | 1 | \$16.00 | 58\% | \$6.72 |
| к9.2 | Beimo | EFF standard lamp 112, $344^{4}, 1.05^{\prime \prime}$ | к9.2 | 1 | \$45.00 | 58\% | \$18.90 |
| K-AM25 | Belimo | Standard Clamp (172 $12^{10} 1.05^{\circ}$ ) | K-AM25 | 1 | \$20.00 | 58\% | \$8.40 |
| кG10A | Beimo | Ball jont (38) | кG10А | 1 | \$22.00 | 58\% | \$9.24 |
| kG6 | Beimo | Ball joint (5164) | kG6 | 1 | \$16.00 | 58\% | \$6.72 |
| кө8 | Belimo | Ball jont (516", 90, | көв | 1 | \$20.00 | 58\% | \$8.40 |
| K-GM20 | Belimo |  | K.GM20 | 1 | \$32.00 | 58\% | \$13.44 |
| kH10 | Beimo | Universal Crankarm tor up to 1.05 " shats | KH10 | 1 | \$46.00 | 58\% | \$19.32 |
| KH12 | Beimo | Universal crankarm tor 1.05" dia shats | кH12 | 1 | \$25.00 | 58\% | \$10.50 |
| кнб | Belimo | Universal Crankarm (For KG6 Balliont) | кнб | 1 | \$18.00 | 58\% | \$7.56 |
| кнв | Belimo | Univesalal Crankarm (For KG8 Balliont) | кнв | 1 | \$18.00 | 58\% | \$7.56 |
| KH-AF | Beimo | Crankarm tor Shats to 3 34" | KH-AF | 1 | \$25.00 | 58\% | \$10.50 |
| KH-AF-1 US | Beimo | Crankam tor Jackstat to $0.05^{\prime \prime}$ | KH-AF-1 Us | 1 | \$46.00 | 58\% | \$19.32 |
| KH-AFB | Beimo | AFBNEE crankam, $344^{\text {- shats }}$ | KHAFB | 1 | \$26.00 | 58\% | \$10.92 |
| KH-AFV | Belimo | V-Bat Ktit tor Difect Coupling with KH-AF F-t US) | KHAFV | 1 | \$13.00 | 58\% | \$5.46 |
| KH-AM | Beimo | Crankarm AM | кH-AM | 1 | \$22.00 | 58\% | \$9.24 |
| KH-EFB | Beimo | EFB crankarm, $1.05{ }^{\text {s shats }}$ | kH-EFB | 1 | \$41.00 | 58\% | \$17.22 |
| KH.LF | Beimo | LF Cramaram tor Shats $01712^{\prime \prime}$ | KH-LF | 1 | \$24.00 | 58\% | \$10.08 |
| kHL-LFV | Belimo | V.Botk Kit to Direct Coupling with KH-LF | kHL-LFV | 1 | \$10.00 | 58\% | \$4.20 |
| kH-TF US | Beimo | TF Crankarm with $5166^{\prime \prime}$ slot | KH-TF US | 1 | \$28.00 | 58\% | \$11.76 |
| kh-TF-1 US | Beimo | TF Crankarm with 1/4" sot | Kh-TF-1 US | 1 | \$28.00 | 58\% | \$11.76 |
| KH-TF-1.1 U | Beimo | TF Crankarm with 1/4"slot-20 pieces | KH-TF-1.1 Us | 1 | \$435.00 | 58\% | \$182.70 |
| K-LM10 | Beimo | LM Clamp (3818) | K-LM10 | 1 | \$14.00 | 58\% | \$5.88 |
| k-LM12 | Belimo | Lm Clamp (112) | k-LM12 | 1 | \$14.00 | 58\% | \$5.88 |
| K-LM16 | Beimo | LM Clamp (588) | k-LM16 | 1 | \$14.00 | 58\% | \$5.88 |
| k.LM20 | Beimo | LM Clamp ( 344 ) | K.LT22 | 1 | \$14.00 | 58\% | \$5.88 |
| k.LU | Beimo |  | k-LU | 1 | \$28.00 | 58\% | \$11.76 |
| k-NA | Belimo | Reversible Clamp (5164" 0 o 34") | k-NA | 1 | \$26.00 | 58\% | \$10.92 |
| k.SA | Beimo | Reversibile Clamp (588 to 3 34) | K.SA | 1 | \$26.00 | 58\% | \$10.92 |
| L-P.P | Beimo | Anti:Rataion Bracket | LF.P. | 1 | \$8.00 | 58\% | \$3.36 |
| SB-TF | Belimo | TF Mounting Ktt $T$-Brackel and Bols) | SB-TF | 1 | \$30.00 | 58\% | \$12.60 |
| sh10 | Belimo | Push rod for KG10 Bal Joint ( $36^{\prime \prime}, 388^{\circ} \mathrm{D}$ Dia,) | sh10 | 1 | \$32.00 | 58\% | \$13.44 |
| sн8 | Beimo |  | sH8 | 1 | \$24.00 | 58\% | \$10.08 |
| tr.cc us | Beimo | Conduit Connector, $112^{\prime \prime}$ | tF.CC U | 1 | \$13.00 | 58\% | \$5.46 |
| TF.P | Beimo | TF Antiforation Bracket | TF.P | 1 | \$6.00 | 58\% | \$2.52 |
| Tool-06 | Belimo | 8 mm and 10 mm Wench | Tool-06 | 1 | -- | 58\% | \#VALUE! |
| Tool-07 | Beimo | 13 mm Weench | Tool-07 | 1 | -- | 58\% | \#VALUE! |
| 2.AF | Belimo | AFNF to AFBNEEB Reroffit Munting Bracket | 2-AF | 1 | \$18.00 | 58\% | \$7.56 |
| ZDB-AFF US | Belimo | Angleof Roation Limiter tor AFNF | 2 ZDBAFF US | 1 | \$18.00 | 58\% | \$7.56 |
| 20B-LF | Belimo | Angle of Rataion Limiter for LF | 208.LF | 1 | \$10.00 | 58\% | \$4.20 |
| zDB.LU | Beimo | Angleo PRotaion Limiter for LU | zob-LU | 1 | \$13.00 | 58\% | \$5.46 |
| 2DB-TF | Belimo | Angleof Rotation Liniter for $T$ F | 20B.TF | 1 | \$10.00 | 58\% | \$4.20 |
| 2.DS1 | Belimo | Rolar Supoort tor Lateral Force Compensation | 2.0S1 | 1 | \$34.00 | 58\% | \$14.28 |
| 20.100 | Beimo |  | 26.100 | 1 | \$80.00 | 58\% | \$33.60 |
| 2G-101 | Belimo |  | zG-101 | 1 | \$80.00 | 58\% | \$33.60 |
| 2G-102 | Belimo | Dual Actuator Mounting Bracket of G, G, AF, GM | 2G-102 | 1 | \$78.00 | 58\% | \$32.76 |
| 2G.103 | Beimo |  | 2G-103 | 1 | \$59.00 | 58\% | \$24.78 |
| 2G. 104 | Beimo |  | 2G-104 | 1 | \$59.00 | 58\% | \$24.78 |
| 2G-105 | Baimo | Right Angle Bracket, NMB ( ) | $2 \mathrm{CG}-105$ | 1 | \$32.00 | 58\% | \$13.44 |
| $2 \mathrm{za}-106$ | Beimo |  | 2G-106 | 1 | \$44.00 | 58\% | \$18.48 |
| zG.107 | Baimo |  | $2 \mathrm{C}-107$ | 1 | \$44.00 | 58\% | \$18.48 |
| 26-108 | Belimo |  | 26-108 | 1 | \$52.00 | 58\% | \$21.84 |
| 20.109 | Beimo | Right Angle Bracket tor 5 S-260 | 26-109 | 1 | \$115.00 | 58\% | \$48.30 |
| 20.110 | Beimo | Stand.Oft Bracket to 75.260 | 26-110 | 1 | \$137.00 | 58\% | \$57.54 |
| 2G:112 | Beimo |  | 20.112 | 1 | \$32.00 | 58\% | \$13.44 |
| 2G.113 | Beimo |  | $2 \mathrm{C} \cdot 113$ | 1 | \$32.00 | 58\% | \$13.44 |
| 2G-118 | Belimo | AFBNEB Mounting Bracket | ZG-118 | 1 | \$54.00 | 58\% | \$22.68 |
| 2G-119 | Baimo | Bracket tor AHK, AH, LH lineara atuators | 26-119 | 1 | \$50.00 | 58\% | \$21.00 |
| 2G-120 | Belimo | Jackshat Mounting Bracket | 26-120 | 1 | \$78.00 | 58\% | \$32.76 |
| zG-Af us | Beimo | AFNF Crankam Adaporo Kit | zGAF Us | 1 | \$74.00 | 58\% | \$31.08 |
| 2G-AF08 | Beimo | AFNF Crankarm Adapoto Kit wit $2 \mathrm{C}-108$ | 2G-AF08 | 1 | \$78.00 | 58\% | \$32.76 |
| ${ }^{2 G G A F B}$ | Beimo | AFBN EB Crankam Adaporo Kit | ${ }^{2 G A P A B}$ | 1 | \$83.00 | 58\% | \$34.86 |
| ZGAFB 118 | Beimo | AFEMNEB Crankarm Adapoor Kit with ZG-118 | 2G.afb 18 | 1 | \$80.00 | 58\% | \$33.60 |
| $2 \mathrm{Ca} \cdot \mathrm{DC} 1$ | ${ }^{\text {Baimo }}$ | Damper clip for Damper Blade, 3.5 width | ${ }^{2 G-0 C 1}$ | 1 | \$38.00 | 58\% | \$15.96 |
| ${ }^{2} \mathrm{CGDO} 2$ | Beimo | Damper cip for Pamper Blade, 6.0 widh | $2 \mathrm{Ca.DC2}$ | , | \$42.00 | 58\% | \$17.64 |
| ZG:ECON1 | Belimo | HW ECON Rerofotit K with modul bracket | ZG:ECON1 | 1 | \$87.00 | 58\% | \$36.54 |
| ZGECON2 | Beimo | Hw Econ Retrofitit | 2G:ECON2 | , | \$70.00 | 58\% | \$29.40 |
| zG:Eb | Beimo | EFB Crankam Adapoto Kt | zG:Eb |  | \$100.00 | 58\% | \$42.00 |
| zG.gma | Beimo | ${ }_{\text {GK, GM Crankam Adapior Kit }}$ | zagma | 1 | \$87.00 | 58\% | \$36.54 |
| zG-JSA-1 | Beimo | 1. Jackshat Adaporo (11" 10 Iog9 | 2G-JSA-1 | 1 | \$187.00 | 58\% | \$78.54 |
| ZG.JSA-2 | Belimo |  | 2G.JSA-2 | 1 | \$410.00 | 58\% | \$172.20 |

The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated icroprocessor-Controlied HVAC Equipment in a building or faciinty. Building Management Systems and Building Control Systems are also subcategories of Builing Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Eqi Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and . commission and which are integr
products by the authorized user.
products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FI etc.) to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs howers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he

Factory Installed/Factory-Provided micro-processor--controlled included/coremote I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose In, Telecommumicaios, Neworking Caing,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| ber |  | Product Descripition | dotuct Code | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| za/.JA: 3 | Belmo |  | ${ }^{\text {ZG.JSAA }}$ 3 | Clause $54^{\prime \prime}$ | Lisprice | \% Discomt | NVS Nat Price |
| 2a.ssi | ${ }^{\text {Belmo }}$ |  | zG.vsL | 1 | \$250.00 | 58\% | \$144.90 |
| 2G.LFI12 | Belimo |  | 2G-LF112 | 1 | \$52.00 | 58\% | \$102.84 |
| 2G-LF2 | Beimo | Crankam Adaporo Kit (includes mountigg hardware) | ZG-LF2 | + | \$61.00 | 58\% | \$25.62 |
| za-LFC114 | Belimo | Trane Voyaer Retrofititit inoludes ererofit brackel) | zG-LFC114 | , | \$98.00 | 58\% | \$41.16 |
| za-LMSA | Belimo | 3 " Shat Exensision for 1/2" Diameter Shats | 2G-LMSA | 1 | \$67.00 | 58\% | \$28.14 |
| za-LMSA-1 | Belimo | 4 " Shate EXensiono tor 38 " Diameler Shats | 2G.-LSA -1 | 1 | \$59.00 | 58\% | $\$ 24.78$ |
| ze-LMSA-12-5 | Belimo |  | ZG-LMSA-1/2.5 | 1 | \$59.00 | 58\% | \$24.78 |
| z.gnA | Beimo | Gm to GMB(X) Retroit Mounting Eracket | 2.GMA | 1 | \$16.00 | 58\% | \$6.72 |
| ZG.-NM | Belimo | NK, AM, nM Crankarm Adaporo Kit | ZG.-NMA | , | \$59.00 | 58\% | \$24.78 |
| zG.nmsa- 1 | Beimo |  | za.mmsa 1 | 1 | \$52.00 | 58\% | \$21.84 |
| 2G.TF12 | Belimo | TF Crankarm Adapor Kit with ZG-113 | 2G.TF1 12 | , | \$54.00 | 58\% | \$22.68 |
| 2G.tF2 | Beimo | TF Crankam Adapolo Kit | 2G.TF2 | 1 | \$46.00 | 58\% | \$19.32 |
| ZG.te3 | Belimo | TF Mounting Hardware without bracket | ZG.te3 | 1 | \$65.00 | 58\% | \$27.30 |
| 2.KSA | Belimo | 5146 "Shat Clevis | 2.KSA | , | \$44.00 | 58\% | \$18.48 |
| z.ksc | Beimo | 388"Shat Clevis | z.ksc | 1 | \$44.00 | 58\% | \$18.48 |
| z.NMA | Belimo | NM to NMB(X) Rerorfit Mounting Bracket | z.NMA | 1 | \$16.00 | 58\% | \$6.72 |
| zs-100 | Belimo | Weather Shied - Gavaneal | 25-100 | 1 | \$145.00 | 58\% | \$60.90 |
| 25-101 | Belimo | Base Plate for zS-100 | 25-101 | , | \$32.00 | 58\% | \$13.44 |
| 25.150 | Beimo | Weather Shield - Polycatonate | 25.150 | 1 | \$163.00 | 58\% | \$68.46 |
| 25-260 | Belimo | Explosion Proot Housing tor Gk, AF, , NF, LF, GM, AM | z5-260 | 1 | \$2,409.00 | 58\% | \$1,011.78 |
| 25-300 | Belimo | NEMA AX, 304 Stainess Steel Encosure | 2s-300 | 1 | \$1,986.00 | 58\% | \$834.12 |
| 2s-30-1 | Belimo | 25-300 without Brackels | 2S.300.1 | 1 | \$1,881.00 | 58\% | \$790.02 |
| 2S.30.5 | Beimo | NEMAX, $316 L$ Stainess Steel Encosure | 2S.300.5 | 1 | \$2,404.00 | 58\% | \$1,009.68 |
| zs.300-вк | Beimo | 25-300 Mounting Brackel Set | 25-300:Bk | 1 | \$201.00 | 58\% | \$84.42 |
| 25.300.C1 | Belimo | 12'S Shatat Adaporo (Siandard wit 25.300 ) | 25.300.C1 | 1 | \$303.00 | 58\% | \$127.26 |
| 25.300.c2 | Beimo | 3/4 Shat Adapotor | 25.300.c2 | 1 | \$304.00 | 58\% | \$127.68 |
| 25.300-C3 | Belimo | 1 "Shat Adapor | 2S.300-C3 | 1 | \$441.00 | 58\% | \$185.22 |
| 2s.ccv-100 | Belimo | CCV Weather Shied K Ki ARLR | zs-ccV-100 | 1 | \$209.00 | 58\% | \$87.78 |
| zs.ccr-90 | Belimo | CCV Weather Shied Kit A ANFLL | zs.ccr-90 | , | \$209.00 | 58\% | \$87.78 |
| zs-EppVEv-150 | Beimo | epiv and Energy Vave Weather Shied | zs-Epv.Ev-150 | 1 | \$1,020.00 | 58\% | \$428.40 |
| zs-EPV-EV-80 | Beimo | ePV and Energy Vave Weather Shied | 2s-EPV-EV-80 | 1 | \$1,020.00 | 58\% | \$428.40 |
| 2.SMA | Belimo | AM, SM to AMB(X) Rerofotit Munting Bracket | z.SMA | 1 | \$16.00 | 58\% | \$6.72 |
| zS.NV-10 | Beimo | Weathesthied for NV(F) Gloo Vave | zs-NV-10 | 1 | \$290.00 | 58\% | \$121.80 |
| zs-SPB-10 | Belimo | Weathesshied tor VSVSS (AMGMNFAF) | zs-SP8V-10 | 1 | \$271.00 | 58\% | \$113.82 |
| zs-Sp8v-20 | Belimo | Weathesthied tor vSVSS (AFxre(MM2) | zs-spbv-20 | 1 | \$504.00 | 58\% | \$211.68 |
| zs-spgy-10 | Beimo | PVC WShd for GV wUGLK (AF X2) | zs-spgy-10 | 1 | \$373.00 | 58\% | \$156.66 |
| zs-spav-20 | Beimo | PVC WShd for GV wUGLK (AFXX) | zs-spgl-20 | 1 | \$373.00 | 58\% | \$156.66 |
| zs-spgl-30 | Belimo | PVC W Whd or GV WVGLK ( $A$ M) | zs.spgr-30 | 1 | \$373.00 | 58\% | \$156.66 |
| zs-spgy-40 | Belimo | PVC W Shd tor Gv wUGLK (GM) | zs-spgy-40 | 1 | \$373.00 | 58\% | \$156.66 |
| zs.spav.50 | Beimo | PVC WShd tor Gv wuGik (GM $\mathrm{X}_{2}$ ) | zs.spgV-50 | 1 | \$373.00 | 58\% | \$156.66 |
| zs-spgv-60 | Belimo | PvC W Shd tor Gv wucik (LF) | zs-spgv-60 | 1 | \$357.00 | 58\% | \$149.94 |
| zs-spav-70 | Beimo | PvC W Whhd for Gv wUGLK (LM) | zs-spgv-70 | 1 | \$357.00 | 58\% | \$149.94 |
| zs-splv-80 | Belimo | PVC W Shd tor GV wUGLK (NM) | zs-spav-80 | I | \$357.00 | 58\% | \$149.94 |
| zs-T | Beimo | Terminalstrip Cover for NEMA 2 (-TM Modes) | 2S-T | 1 | \$20.00 | 58\% | \$8.40 |
| Ev250-127-ARB24.65 | Beimo |  | Ev250-127-ARB24.65 | 1 | \$7,746.00 | 58\% | \$3,253.32 |
| Ev300s-180+ARB24-80 | Belimo |  | Ev300S-180+ARB24-80 | 1 | \$9,557.00 | 58\% | \$4,013.94 |
| Ev400S-317-AB824-100 | Belimo |  | Ev400s-317AAB824-100 | 1 | \$10,979.00 | 58\% | \$4,611.18 |
| Ev500s-495+68824-125 | Beimo |  | Ev500S-495+68824-125 | 1 | \$13,561.00 | 58\% | \$5,695.62 |
| Ev600s-713+G8824-150 | Beimo |  | Evvoos-713+68824-150 | 1 | \$17,436.00 | 58\% | \$7,323.12 |
| P20508005 + L24MFT US | Belimo | 2 way, Br trim, ,12", 0.5 GPM Pressure Independent V Vave with Sping, 35in-lb, MFT, 24 V | P20508005 + LF24MFT US | 1 | \$828.00 | 58\% | \$347.76 |
| P20508005 + L-24.MFT-S US | Beimo |  | P20508005 LLF24-MFT.S US | 1 | \$885.00 | 58\% | \$371.70 |
| P20508005 + R824 ${ }^{\text {a }}$ | Beimo |  | P20508055tLRB24 ${ }^{\text {a }}$ | 1 | \$491.00 | 58\% | \$206.22 |
| P20508005 + LR824.3. S | Belimo |  | P20508005 + R8243. S | 1 | \$560.00 | 58\% | \$235.20 |
| P20508005 + RCB24 ${ }^{\text {a }}$ | Beimo |  | P20508005 + LRCB24.3 | 1 | \$441.00 | 58\% | \$185.22 |
| P20508005+LRCB243.S | Belimo | 2 way, Br trim, 1/2", 0.5 GPM Pressure Independent Valve with Non-Spring Return, $45 \mathrm{in}-\mathrm{lb}$ | P20580005+LRCB24.3.S | 1 | \$511.00 | 58\% | \$214.62 |
| P20508005t+Rx120:3 | Beimo |  | P20508005 + LRX 120.3 | 1 | \$522.00 | 58\% | \$219.24 |
| P20558055+LRX24.3 | Belimo |  | P20508005+LRX24.3 | 1 | \$491.00 | 58\% | \$206.22 |
| P20508005 + LRX243.S | Beimo |  | P20508005 + LRX243.S | 1 | \$560.00 | 58\% | \$235.20 |
| P20508005+LRX24MFT | Belimo | 2 way, Br trim, 112", 0.5 GPM Pressure inderenerenenv | P20560005+LRX24MFT | 1 | \$673.00 | 58\% | \$282.66 |
| P20508005 + TFRX24MFT | Belimo | 2 way, Br trim, 112", 0.5 GPM Pressure Idopendent Vave with Sping Reutr,22 in-lb, MFT, 24V | P20508005 + TFRX24MFT | 1 | \$780.00 | 58\% | \$327.60 |
| P20508010+LF24MFT U | Beimo |  | P20508000+LF24MFT US | 1 | \$828.00 | 58\% | \$347.76 |
| P205080000tLF24.MT-S S | Beimo | 2 way, Br trim, 1/2", 1.0 GPM Pressure Independent Vave with Sping, 35in-l, MFT, 24V, SW | P20508000+LF24-MFT.S US | 1 | \$885.00 | 58\% | \$371.70 |
| P20508000+LRB243 | Beimo | 2 way, Br trim, $1 / 2^{\prime \prime}, 1.0$ GPM Pressure Independent Valve with Non-Spring Return, 45 in-lb | P20508000 + LR824.3 | 1 | \$491.00 | 58\% | \$206.22 |
| P20508000+LRB243-5 | Belimo |  | P20500010+LR8243-5 | 1 | \$560.00 | 58\% | \$235.20 |
| P20500010+LRCB24, | Belimo |  | P20508000+LRC824, | 1 | \$441.00 | 58\% | \$185.22 |
| P205080010+LRCB24.3.S | Beimo |  | P20508000+LRCB24.3.S | 1 | \$511.00 | 58\% | \$214.62 |
| P20508010+LEX120.3 | Belimo | 2 way, Br trim, 1/2", 1.0 GPM Pressure | P20508010+LEx120.3 | 1 | \$522.00 | 58\% | \$219.24 |
| P20508000+LRX243 | Beimo |  | P20508000+LRX24.3 | 1 | \$491.00 | 58\% | \$206.22 |
| P20508000+LRX243.S | Belimo | 2 way, Br trim, 1/2", 1.0 GPM Pressure Independent Valve with Non-Spring Return, 45 in-lb | P20500010+LRX243.S | 1 | \$560.00 | 58\% | \$235.20 |
| P205080010+LRX24-MFT | Beimo | 2 way, Br trim, 1/2", 1.0 GPM Pesesure | P20508000+LRX24MFT | 1 | \$673.00 | 58\% | \$282.66 |
| P20508000+TFRX24-MFT | Belimo | 2 way, Br trim, 112", 10. GPM Pressure Idopendent Vave with Sping Reutr,22 in-1, MFT, 24V | P20500000+TFRX24MFT | 1 | \$780.00 | 58\% | \$327.60 |
| P205080015tLF24MFT U | Beimo |  | P20508015+LF24MFT US | 1 | \$828.00 | 58\% | \$347.76 |
| P20500015 5 LF24.MT-S S US | Beimo | 2 way, Br trim, 1/2", 1.5 GPM Pressure Independent Vave with Sping, 35inmb, MFT, 24V, SW | P20508015 LLF24-MFT-S US | 1 | \$885.00 | 58\% | \$371.70 |
| P2050800 $5+$ LRB24 ${ }^{\text {a }}$ | Belimo |  | P205080015 LRB24.3 | 1 | \$491.00 | 58\% | \$206.22 |
| P20500015 +LR8243.5 | Belimo |  | P20500015 + LR8243. ${ }^{\text {S }}$ | 1 | \$560.00 | 58\% | \$235.20 |
| P205080154LRC824-3 | Belimo | 2 way, Br trim, $1 / 2^{\prime \prime}, 1.5$ GPM Pressure Independent Valve with Non-Spring Return, $45 \mathrm{in}-\mathrm{lb}$ On/Off/Floating,24V | P205080015+LCC824.3 | 1 | \$441.00 | 58\% | \$185.22 |
| P205080015+LRCB24 3-S | Belimo |  | P20560015+LRCB24-3.S | 1 | \$511.00 | 58\% | \$214.62 |
| P2050800 $5+$ LRX $\times 120.3$ | Belimo | 2 way, Br trim, ,12", 1.5 GPM Pressure | P205080015+LEX120.3 | 1 | \$522.00 | 58\% | \$219.24 |
| P2050800 $5+$ LRX24 3 | Belimo |  | P2050800 $5+$ LRX24 3 | 1 | \$491.00 | 58\% | \$206.22 |
| P20508015+LRX24.3.S | Beimo |  | P20508015 5 LRX24.3.S | 1 | \$560.00 | 58\% | \$235.20 |
| P205600015+LRX24MFT | Belimo | 2 way, Br trim, 112", 1.5 GPM Pressure | P205000015+LRX24-MFT | 1 | \$673.00 | 58\% | \$282.66 |
| P205000015TFRX24-MFT | Belimo | 2 way, Br, tim, 112", 1.5 GPM Prossure Idopendent Vave with Sping Reumm,22 in-b, MFT, 24V | P205000015+TFRX24MFT | 1 | \$780.00 | 58\% | \$327.60 |
| P20508020 +LF24MFT US | Beimo |  | P20508020 LL24MFT US | 1 | \$828.00 | 58\% | \$347.76 |
| P20500200tLF24MFT-S US | Beimo |  | P20500820 LLF24-MFT.S US | 1 | \$885.00 | 58\% | \$371.70 |
| P20508020+LRB24 | Belimo |  | P20508020 + LR824 | 1 | \$491.00 | 58\% | \$206.22 |

The scope of this contract includes the following
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Hicroprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems
3. Integrated Microprocessor-Controlled HVAC Equipment such Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mouted [Istaledl, Factory
 commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus,
etc.) to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated etc.) to communicat.
platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
ration, inten Integrated Microprocessor-Based HVAC Equipment Cleans, tests, and balances the Integrated Microprocessor-Controlled HVAC Equipment in accordance with Code Requirements.

The scope of this contract does not include:
Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
3. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to


A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Model Number <br> P2050B020+LRB24-3-S |  |  |  | $\begin{gathered} \text { "Warranty Period - \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54 \text { " } \end{gathered}$ | Lsit Price | \% Discomm | NS Nat Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |
|  |  | 2 way, Bt trim, $122^{12}, 2.0$ GPM Prossure Independent Vave with Non-Spping Return.45 in.lb | P20500020 LRB243-S |  | \$560.00 | 58\% | \$235.20 |
| P20508020+LRC824, | Belimo |  | P20508020+LLCB624.3 | 1 | \$441.00 | 58\% | \$185.22 |
| P20508020+LLCB24.3.S | Belimo |  | P20508020+LLCB24.3.S | 1 | \$511.00 | 58\% | \$214.62 |
| P20508020 + LRX120.3 | Belimo |  | P20508020 + LRX120.3 | 1 | \$522.00 | 58\% | \$219, |
| P20508020+LRX24 3 | Belimo |  | P20508020OLLX 24 | 1 | \$491.00 | 58\% | \$206.22 |
| P20508020+LRX243-S | Belimo |  | P20508020 LLK $\times 243.5$ | 1 | \$560.00 | 58\% | 35.20 |
| P20580820+LRX24MFT | Belimo |  | P20580020+LRX24MFT | 1 | \$673.00 | 58\% | \$282.66 |
| P20508020 TfFrx24MET | Belimo |  | P20508020 + TFPX24MFT | 1 | \$780.00 | 58\% | \$327.60 |
| P20508025+LF24MFT US | Beimo |  | P20508025tLF24MFT US | 1 | \$828.00 | 58\% | \$347.76 |
| P20508025 LIF24-MFT.S US | Belimo |  | P205008024tL24.MFT-S US | 1 | \$885.00 | 58\% | \$371.70 |
| P20508025 + LR824 | Belimo |  | P20508025 $\mathrm{LRB24}$-3 | 1 | \$491.00 | 58\% | \$206.22 |
| P205000254LRB24-3. ${ }^{\text {S }}$ | Belimo |  | P20508025 $\mathrm{LRB24} 3$ - S | 1 | \$560.00 | 58\% | \$235.20 |
| P20508025 + LRCB24, 3 | Belimo |  | P20508025+LLCB824.3 | 1 | \$441.00 | 58\% | \$185.22 |
| ${ }^{\text {P20508025 }}$ LRCB824-3.S | Belimo |  | P20580025+LCCB24.3.S | 1 | \$511.00 | 58\% | \$214.62 |
| P20500025+LRx 120.3 | Belimo | 2 way, Br trim, $1 / 2^{\prime \prime}, 2.5$ GPM Pressure Independent Valve with Non-Spring Return, 45 in-lb ,On/Off/Floating, 120V | P20500825t-Rx120.3 | 1 | \$522.00 | 58\% | 9.24 |
| P20508025+LRX243 | Belimo |  | P20508025+LRX24.3 | 1 | \$491.00 | 58\% | \$206. 22 |
| P20508025+LRX243.5 | Belimo |  | P20500025 $+1 / \mathrm{X} 24.3 .5$ | 1 | \$560.00 | 58\% | \$235.20 |
| P20508025+LRX24MFT | Belimo |  | P20508025+LKX24MFT | 1 | \$673.00 | 58\% | \$282.66 |
| P20508025+TFRX24MFT | Belimo |  | P20508025+TFRX24-MTT | 1 | \$780.00 | 58\% | \$327.60 |
| P20508030+LL24MFT US | Beimo |  | P20508030+LF24MFT U | 1 | \$828.00 | 58\% | \$347.76 |
| P20500300+LF24-MFT.S US | Belimo |  | P20500030+LF24-MFT-S US | 1 | \$885.00 | 58\% | \$371.70 |
| P20508030+LRB24 | Belimo | 2 way, Br trim, 1/2", 3.0 GPM Pressure Independent Valve with Non-Spring Return, 45 in-lb | P20508030+LRB24.3 | 1 | \$491.00 | 58\% | \$206.22 |
| P20508030+LR824-3.5 | Belimo |  | P20508030+LR8243.5 | 1 | \$560.00 | 58\% | \$235.20 |
| P20508030+LLCE824.3 | Belimo |  | P20508830+LLCB624.3 | 1 | \$441.00 | 58\% | \$185.22 |
| P20508030+LLCB24 -3. ${ }^{\text {S }}$ | Belimo |  | P20508030+LLCB24.3.S | 1 | \$511.00 | 58\% | \$214.62 |
| P20508030+tLX 120.3 | Belimo |  | P20508030+tLX 120.3 | 1 | \$522.00 | 58\% | \$219.24 |
| P20508030+LLX24 3 | Belimo |  | P20508030+LRX24.3 | 1 | \$491.00 | 58\% | \$206.22 |
| P20508030+LRX24.3.S | Belimo |  | P20508030+LRX24.3.S | 1 | \$560.00 | 58\% | \$235.20 |
| P205003030+LRX24MFT | Belimo | 2 way, Bt trim, $122^{2}, 3.0$ GPM Pressure Independent Vave with Non-Spping Retum, 45 initb | P20500030+LRX24MFT | 1 | \$673.00 | 58\% | \$282.66 |
| P20508830+TFRX24-MFT | Belimo | 2 way, Br trim, $112^{\prime \prime}, 3.0$ GPM Pressure Independent Vavee with Spring Retur,22 intb, MFT, 24V | P20508030 +TFRX24MFT | 1 | \$780.00 | 58\% | \$327.60 |
| P205080354LLF24.MFT US | Belimo | 2 way, Br trin, 112", 3.5 GPM Pesssure Independent Vave with Soring, 35inib, MFT, 24 V | P20508035+LF24MFT US | 1 | \$828.00 | 58\% | \$347.76 |
| P20508035 LLF24.MFT. U U | Beimo |  |  | 1 | \$885.00 | 58\% | \$371.70 |
| P20508035 + LR824 | Belimo |  | P205080355LRB24.3 | 1 | \$491.00 | 58\% | \$206.22 |
| P20508035+LR824-3. S | Belimo |  | P205080354 1 R8243-S | 1 | \$560.00 | 58\% | \$235.20 |
| P20508035 + LCB24.3 | Belimo |  | P20508035+LCCB24-3 | 1 | \$441.00 | 58\% | \$185.22 |
| P20508035+LRCB243.S | Belimo | 2 way, Br trim, 1/2", 3.5 GPM Pressure Independent Valve with Non-Spring Return, 45 in-lb | P20580035+LRCB24.3.S | 1 | \$511.00 | 58\% | \$214.62 |
| P20508035+LRX120:3 | Belimo |  | P20508035+LRX120:3 | 1 | \$522.00 | 58\% | \$219.24 |
| P20508035+LRX24.3 | Belimo |  | P20508035+LAX24 3 | 1 | \$491.00 | 58\% | \$206.22 |
| P20500835+LRX24.3.S | Belimo |  | P20500303 + LRX24.3.S | 1 | \$560.00 | 58\% | \$235.20 |
| P20508035+LRX24.MFT | Belimo |  | P20500035+LRX24MFT | 1 | \$673.00 | 58\% | \$282.66 |
| P20508035tTFRX24MFT | Belimo |  |  | 1 | \$780.00 | 58\% | \$327.60 |
| P20508000 + LF24MFT US | Belimo | 2 way, Br triin, 12",4.0 GPM Pesssure Independent Vave with Soring, 35in.b., MFT, 24 V | P205080400tLF24MFT US | 1 | \$828.00 | 58\% | \$347.76 |
| P20508000+LF24-MFT.S US | Belimo |  | P205080404tLF24.MFT-S US | 1 | \$885.00 | 58\% | \$371.70 |
| P205080400+LR824 3 | Belimo |  | P205080400+LR824.3 | 1 | \$491.00 | 58\% | \$206. 22 |
| P205080040 LRB243. ${ }^{\text {S }}$ | Belimo |  | P20508000+LRB243. ${ }^{\text {S }}$ | 1 | \$560.00 | 58\% | \$235.20 |
| P205080400+LCCB24-3 | Belimo |  | P205080400+LRCB24-3 | 1 | \$441.00 | 58\% | \$185.22 |
| P205080400+LRC824 ${ }^{\text {-S }}$ | Belimo |  | P20508040+LLCB624.3.S | 1 | \$511.00 | 58\% | \$214.62 |
| P205080040tLRX120:3 | Belimo |  | P205080400tLRX120-3 | 1 | \$522.00 | 58\% | \$219.24 |
| P20508000 + LRX243 | Belimo | 2 way, Br trim, $1 / 2^{\prime \prime}, 4.0$ GPM Pressure Independent Valve with Non-Spring Return, 45 in-lb | P205080400tLRX24.3 | 1 | \$491.00 | 58\% | \$206.22 |
| P20508040+LRX24.3.S | Belimo | 2 way, Br trim, $1 / 2^{\prime \prime}, 4.0$ GPM Pressure Independent Valve with Non-Spring Return, 45 in-lb | P20508000tLRX243.S | 1 | \$560.00 | 58\% | \$235.20 |
| P20508800+LRX24MFT | Belimo |  | P20508040+LRX24MFT | 1 | \$673.00 | 58\% | \$282.66 |
| P20508040+TFRX24MFT | Belimo | 2 way, Br trim, $112^{2}, 4.0$ GPM Pressure Independent Vavee with Spring Return,22 intb, MFF, ,24V |  | 1 | \$780.00 | 58\% | \$327.60 |
| P205080045LLF24MFT US | Belimo |  | P20508045tLF24MFT US | 1 | \$828.00 | 58\% | \$347.76 |
| P20508045 LLF24-MFT.S US | Belimo |  | P205008045 L-F24-MFT-S US | 1 | \$885.00 | 58\% | \$371.70 |
| P20508045 + LR824 | Beimo |  | P20050045 + LR824 ${ }^{\text {a }}$ | 1 | \$491.00 | 58\% | \$206.22 |
| P20508045+LR824.3. ${ }^{\text {S }}$ | Belimo | 2 way, Br trim, $1 / 2^{\prime \prime}, 4.5$ GPM Pressure Independent Valve with Non-Spring Return, 45 in-lb | P20508045+1R8243.5 | 1 | \$560.00 | 58\% | \$235.20 |
| P20508045+LRCB24-3 | Belimo | 2 way, Br trim, $1 / 2^{\prime \prime}, 4.5$ GPM Pressure Independent Valve with Non-Spring Return, 45 in-lb | P20508045+LRCB24-3 | 1 | \$441.00 | 58\% | \$185.22 |
| P20508045+LCC824.3.S | Belimo |  | P20508045+LCC824.3.S | 1 | \$511.00 | 58\% | \$214.62 |
| P20508045+1RX120.3 | Belimo |  | P20508045+LRx120.3 | 1 | \$522.00 | 58\% | \$219.24 |
| P20508045 + LRX24 ${ }^{\text {a }}$ | Belimo |  | P20508045t-LRX24.3 | 1 | \$491.00 | 58\% | \$206.22 |
| P20508045 + LRX243-S | Belimo | 2 way, Br trim, $1 / 2^{\prime \prime}, 4.5$ GPM Pressure Independent Valve with Non-Spring Return, 45 in-lb | P20508045+LRX243-S | 1 | \$560.00 | 58\% | \$235.20 |
| P20508045+LRX24MFT | Beimo |  | P20500045+LRX24MFT | 1 | \$673.00 | 58\% | \$282.66 |
| P20508045+TFRX24.MFT | Belimo |  | P205080454TFRX24MFT | 1 | \$780.00 | 58\% | \$327.60 |
| P205008000tLF24MFT US | Belimo |  | P20508050 LLF24MFT US | 1 | \$828.00 | 58\% | \$347.76 |
| P20508050+LF24-MFT.S US | Beimo |  | P20508000 +LF24MFT.S S | 1 | \$885.00 | 58\% | \$371.70 |
| P20508050 + LR824 | Belimo | 2 way, Br trim, 1/2", 5.0 GPM Pressure Independent Valve with Non-Spring Return, 45 in-lb | P205080500+LB824-3 | 1 | \$491.00 | 58\% | \$206.22 |
| P20508050+LR824.3.S | Belimo |  | P20500800 + LR8243.5 | 1 | \$560.00 | 58\% | \$235.20 |
| P20508050 + LRCB24, 3 | Belimo |  | P20508050+LLCB824.3 | 1 | \$441.00 | 58\% | \$185.22 |
| ${ }^{\text {P20508050 }+ \text { LLCCE24.3.S }}$ | Belimo |  | ${ }^{\text {P20508050+LLCB24 }}$-3. S | 1 | \$511.00 | 58\% | \$214.62 |
| P20500650+LAx 120.3 | Belimo | 2 way, Brt tim, 1/2", 5.0 GPM Pressure | P205080500+LRX120-3 | 1 | \$522.00 | 58\% | \$219.24 |

The scope of this contract includes the following
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Hicroprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems
3. Integrated Microprocessor-Controlled HVAC Equipment such Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mouted [Istaledl, Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and , commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus,
etc.) to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated etc.) to communicat.
platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
ration, inter Inte of Interated Microprocessor-Based HVAC Equipment
Cleans, tests, and balances the Integrated Microprocessor-Controlled HVAC Equipment in accordance with Code Requirements.

1. Plumbeng thys contract does not include:
showers, water fountains, water heaters hot water tanks, garbage disposa
showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed
2. Chillers, Reotw, Piping, etc. shall not be obtained on these contracts.

Factory Installed/Factory-Provided micro-processor--controlled included $/$, remote I/O modules, etc. which are not
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxia \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
B. Audio Video equipent or systems (es ans.

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Mooel Mumber |  | Footuct Desariplion | Product Code | $\begin{gathered} \text { "Warranty Period }- \text { \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54 " \end{gathered}$ | List pric |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| P205080500tLRX24 3 | Beimo |  | P20508050+LRX24.3 | 1 | \$491.00 | 58\% | \$206.22 |
| P205080500+LRX243.S | Beimo |  | P20508050 + LRX24.3.S | 1 | \$560.00 | 58\% | 35.20 |
| P20508050+LRX24-MFT | Baimo |  | P20500050+LRX24MFT | 1 | \$673.00 | 58\% | \$282.66 |
| P205080050TfRX24-MET | Balimo |  | P205080500TfRX24-MET | 1 | \$780.00 | 58\% | \$327.60 |
| P20508055+LF24.MFT US | Beimo | 2 way, Br trin, 12", 5.5 GPM Pressure Indepentent Vave with Sping, 35sin.lb, MFT, 24 V | P20508055tLF24MFT U | 1 | \$828.00 | 58\% | \$347.76 |
| P20508055 LLF24.MFT.S US | Beimo | 2 way, Br trim, ,12", 5.5 GPM Pressure Independent Vave with Sping, 35inlb, MFT, 24V, sw | P20500055 + L-24.MFT.S US | 1 | \$885.00 | 58\% | \$371.70 |
| P20508055 + LR824 ${ }^{\text {a }}$ | Baimo |  | P20508055 + LR824 3 | 1 | \$491.00 | 58\% | 206.22 |
| P205000654+1R824-3. ${ }^{\text {S }}$ | Beimo |  | P20508055 + LR8243-S | 1 | \$560.00 | 58\% | \$235.22 |
| P20508055 + LRC824-3 | Belimo |  | P20508055+LRCB243 | 1 | \$441.00 | 58\% | \$185.22 |
| P205080555+LCC824.3.S | Balimo |  | P20508055+LRC824.3.S | 1 | \$511.00 | 58\% | \$214.62 |
| P20508055 +1 RX $\times 120.3$ | Baimo |  | P20508055 5 LRX 120.3 | 1 | \$522.00 | 58\% | \$219.24 |
| P20050055 + LRX24.3 | Baimo |  | P20050055 + LRX24.3 | 1 | \$491.00 | 58\% | \$206.22 |
| P20500055 + LRX24.3.S | Beimo |  | P20508055 + LRX243-S | 1 | \$560.00 | 58\% | 235.20 |
| P20508055+LRX24-MFT | Baimo |  | P20500055+LRX24MFT | 1 | \$673.00 | 58\% | \$282.66 |
| P20508055 + TFRX24.MFT | Beimo | 2 wav, Br trim, 1/2", 5.5 GPM Pesessue Independent Vave with Spring Retur,22 inlb, MFT, 24V |  | 1 | \$780.00 | 58\% | \$327.60 |
| P20758060+LF24MFT US | Belimo | 2 way, Br trim, 34"; 6.0 GPM Pressure Independent Vave with Sping, 35in-b, MFT, 24V | P207580600+LF24MFT U | 1 | \$845.00 | 58\% | \$354.90 |
| P20758060+LF24.MFT.S US | Beimo | 2 way, Br trim, 344 , 6.0 GPM Pressure Independent Vave with Sping, 35in-b, MFT, 24V, Sw | P20750060+LF24.MFT-S US | 1 | \$901.00 | 58\% | \$378.42 |
| P20758060+LR824 ${ }^{\text {a }}$ | Beimo |  | P207580600+LB824-3 | 1 | \$511.00 | 58\% | \$214.62 |
| P20758060+LR8243.5 | Beimo |  | P20758000 + RB243. ${ }^{\text {S }}$ | 1 | \$582.00 | 58\% | \$244.44 |
| P20758060+LRC824,3 | Beimo |  | P20758060+LRC824, | 1 | \$463.00 | 58\% | 94.46 |
| P20750600+LCCB24-3.S | Baimo |  | P20750600+LCB824.3.S | 1 | \$533.00 | 58\% | \$223.86 |
| P20758060+LRX120.3 | Beimo |  | P20758060+LRX120.3 | 1 | \$543.00 | 58\% | \$228.06 |
| P207550600thx243 | Belimo |  | P20750060 $+1 \times 24.3$ | 1 | \$511.00 | 58\% | \$214.62 |
| P20756800+LRX24.3.S | Belimo |  | P20758060+LK 2 243.S | 1 | \$582.00 | 58\% | \$244.44 |
| P20758060+LRX24MFT | Belimo | 2 way, Br trim, 344, 6.0 GPM Pressure indeenendent Vave with Non-Spoing Reum, 45 inilb | P20750600+LX 2 24MFT | 1 | \$696.00 | 58\% | \$292.32 |
| P207580654LE24MFT US | Beimo | 2 way , Bt trim, $344 ; 6.5$ GPM Pressure hdependent Vave wilh Sping, 35inlb, MFT, 24V | P20758065 + LF24MFT US | 1 | \$845.00 | 58\% | \$354.90 |
| P20758065 LLF24-MFT. S US | Beimo | 2 way, Br trim, 344 , 6.5 GPM Pressure Independent Vave with Sping, 35in-b, MFT, , 24V, SW | P20758065 + L24.MFT-S US | 1 | \$901.00 | 58\% | \$378.42 |
| P20758065 + LR824 | Belimo | 2 way, Br trim, $344^{0}, 6.5$ GPM Pressure Independent Valve with Non-Spring Return,45 in-lb | P20758065 + R824 ${ }^{\text {a }}$ | 1 | \$511.00 | 58\% | 14.62 |
| P20758065 1 LR8243.S | Balimo |  | P20758065 + LR8243-S | 1 | \$582.00 | 58\% | \$244.44 |
| P20758065+LRC824.3 | Belimo |  | P20758065+LRCB243 | 1 | \$463.00 | 58\% | \$194.46 |
| P20750065+LC6824-3.S | Beimo |  | P20750065+LCCB24-3.S | 1 | \$533.00 | 58\% | \$223.86 |
| P20758065+LEX120.3 | Belimo |  | P20758065 + LRX120:3 | 1 | \$543.00 | 58\% | 8.06 |
| P20758065 + LR×24 3 | Belimo |  | P20758065 + LRX24.3 | 1 | \$511.00 | 58\% | \$214.62 |
| P20758065 + LRX24.3.S | Belimo |  | P20758065 + RKX24.3.S | 1 | \$582.00 | 58\% | \$244.44 |
| P20750065+LRX24MFT | Baimo |  | P20750065+LRX24MFT | 1 | \$696.00 | 58\% | \$292.32 |
| P20758070+LF24MFT US | Balimo | 2 way, Br trim, $344,7.70$ GPM Pessurue Independent Vave with Spring, 35in-b, MFT, 24 V | P20758070 LF24MFT US | 1 | \$845.00 | 58\% | \$354.90 |
| P20758070 +LF24.MFT. S US | Beimo | 2 way, Br trim, 344 , 7.0 GPM Pressure Independent Vave with Sping, 35inlb, MFT, 24V, SW | P20756070 +LF24.MFT-S US | 1 | \$901.00 | 58\% | \$378.42 |
| P20758070+LB824-3 | Belimo |  | P20758070+LB824 3 | 1 | \$511.00 | 58\% | \$214.62 |
| P2075670 +LRB24.3.S | Belimo |  | P20758070+LRB243.5 | 1 | \$582.00 | 58\% | \$244.44 |
| P20758070+LRC824-3 | Beimo |  | P20758070+LLCBE24-3 | 1 | \$463.00 | 58\% | \$194.46 |
| P20758070+LRCB243.S | Belimo |  | P20758070+LLCB24-3.S | 1 | \$533.00 | 58\% | \$223.86 |
| P20758070+LEX120.3 | Balimo |  | P20758070+LRX120.3 | 1 | \$543.00 | 58\% | \$228.06 |
| P20758070+LR 2 24 3 | Balimo |  | P20758070+LR×24.3 | 1 | \$511.00 | 58\% | \$214.62 |
| P20756070+LRX243.S | Belimo |  | P20758070+LRX243-S | 1 | \$582.00 | 58\% | \$244.44 |
| P20758070+LRX24MFT | Beimo |  | P20756070+LRX24MFT | 1 | \$696.00 | 58\% | \$292.32 |
| P207580754LF24MFT US | Beimo | 2 way, Brtrin, 344 ",7.5 GPM Pressure Independent Vave with Sping, 35in-b, MFT, 24V | P20758075 L-F24MFT US | 1 | \$845.00 | 58\% | \$354 |
| P207580754LE24.MFT.S US | Beimo |  | P20756075 5 LF24.MFT.S US | 1 | \$901.00 | 58\% | \$378.42 |
| P20756075+LR8243 | Beimo |  | P20758075 + LR824 3 | 1 | \$511.00 | 58\% | \$214.62 |
| P207560754LR824-3. ${ }^{\text {S }}$ | Beimo |  | P20758075 + LR8243-S | 1 | \$582.00 | 58\% | \$244.44 |
| P207580754LRC824, ${ }^{\text {a }}$ | Belimo |  | P20758075+LLC8824.3 | 1 | \$463.00 | 58\% | \$194.46 |
| P20758075+LRCB243.S | Belimo |  | P20758075+LRCB24.3.S | 1 | \$533.00 | 58\% | \$223.86 |
| P20758075+LEX120.3 | Beimo |  | P20758075+1RX120.3 | 1 | \$543.00 | 58\% | \$228.06 |
| P20758075tLAX243 | Beimo | 2 way, Br trim, $344^{4}, 7.5$ GPM Pressure Independent Valve with Non-Sping Return, 45 in-lb | P20758075+LAX243 | 1 | \$511.00 | 58\% | \$214.62 |
| P20758075 + RX24.4.S | Beimo | 2 way, Br trim, 3/4", 7.5 GPM Pressure Independent Valve with Non-Spring Return, 45 in-lb | P20758075 + LRX243.S | 1 | \$582.00 | 58\% | \$244 |
| P20758075+LRX24MFT | Beimo |  | P20758075+LRX24MFT | 1 | \$696.00 | 58\% | 2.32 |
| P20758080+LF24MFT US | Beimo | 2 way, Brtrim, $344 ;$ | P207580800+LF24MFT US | 1 | \$845.00 | 58\% | \$354.90 |
| P20758080+LF24.MFT.S US | Beimo | 2 way, Br trim, 344 , 8.0 GPM Pressure Independent Vave with Sping, 35inlb, MFT, 24V, sw | P20750800+LF24MFT.S US | 1 | \$901.00 | 58\% | \$378.42 |
| P207580800+LR824 3 | Baimo |  | P207560800+LB824.3 | 1 | \$511.00 | 58\% | 4.62 |
| P20756808+LR8243.S | Beimo |  | P20750800+LR8243-S | 1 | \$582.00 | 58\% | 4.44 |
| P20758080+LRC824, | Beimo | 2 way, Br trim, 3/4", 8.0 GPM Pressure Independent Valve with Non-Spring Return, 45 in-lb | P20758080+LRCB24-3 | 1 | \$463.00 | 58\% | \$194.46 |
| P20750800+LRC824.3.S | Belimo | 2 way, Br trim, 3/4", 8.0 GPM Pressure Independent Valve with Non-Spring Return, 45 in-lb | P20750880+LCB824.3.S | 1 | \$533.00 | 58\% | \$223.86 |
| P20758080+LRX120.3 | Balimo |  | P20758080+LEx 120.3 | 1 | \$543.00 | 58\% | \$228.06 |
| P20758080+LRX243 | Beimo |  | P20758080+LRX24.3 | 1 | \$511.00 | 58\% | \$214.62 |
| P20756880+LRX24.3.S | Belimo | 2 way, Brtrim, $344,8.0$ GPM Pressure Indepenenderv Vave with Non-Spring Reumm,45intb | P20758800+LRX243-S | 1 | \$582.00 | 58\% | \$244.44 |
| P2075E880+LRX24MFT | Belimo | 2 way, Br trim, 34", 8.0 GPM Pressure | P20750880+LRX24MFT | 1 | \$696.00 | 58\% | \$292.32 |
| P20758085 5 LF24MFT US | Baimo | 2 way, Br trin, 344 ", 8.5 GPM Pressure Independent Vave with Sping, 35in-b, MFT, 24 V | P20758085tLF24MFT US | 1 | \$845.00 | 58\% | \$354.90 |
| P207588054LF24.MFT-S US | Balimo | 2 way, Br Strim, 344 , 8.5 GPM Pressure Independent Vave with Spring, 35in-b, MFF, , 24V, SW | P207580854LF24.MFT-S US | 1 | \$901.00 | 58\% | \$378.42 |
| P20758085 + LR824 3 | Beimo |  | P20758085 LR824 ${ }^{\text {a }}$ | 1 | \$511.00 | 58\% | \$214.62 |
| P20758085+LR824.3.S | Belimo | 2 way, Br trim, $3 / 4^{\prime \prime}$, 8.5 GPM Pressure Independent Valve with Non-Spring Return, 45 in lb | P20758085 $\mathrm{tRB24} 3.3$ S | 1 | \$582.00 | 58\% | \$244.44 |
| P20758085+LRCB24.3 | Balimo | 2 way, Br trim, 3/4", 8.5 GPM Pressure Independent Valve with Non-Spring Return, 45 in-lb | P20758085+LRC824-3 | 1 | \$463.00 | 58\% | \$194.46 |

The scope of this contract includes the following:
Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated iicroprocessor-Controled HVAC Equipment in a building or faciiity. Buidng Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such Chillers, Rooftop Units, Boilers, Air Handers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mouted [lotedlument. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, etc.) to communicat.
platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
systems icration, or mainten eq Integrated Microprocessor-Based HVAC Equipment Cleans, tests, and balances the Integrated Microprocessor-Controlled HVAC Equipment in accordance with Code Requirements.

1. Plumbing this contract does not include:

Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
3. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he

Factory Installed/Factory-Provided micro-processor-controlled included $/$ c , remote $/ / O$ modules, etc. which are not
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxia \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
B. Audio Video

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

|  |  |  |  | $\begin{gathered} \text { "Warranty Period - \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54 \text { " } \end{gathered}$ | List Price | \% Discount | Nss Nel Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| P20758085+LRCB24.3.S | Baimo |  | P20750885+LRCB24.3.S | 1 | \$533.00 | 58\% | \$223.86 |
| P20758085 $+1 \mathrm{RX120.3}$ | Baimo |  | P20758085+1RX120.3 | 1 | \$543.00 | 58\% | \$228.06 |
| P20758085+LRX24.3 | Baimo |  | P20758085 + LRX24.3 | 1 | \$511.00 | 58\% | \$214.62 |
| P20750885+LRX243.S | Baimo |  | P20758085 +1 RX243. ${ }^{\text {S }}$ | 1 | \$582.00 | 58\% | \$244.44 |
| P20750085+LRX24.MFT | Beimo |  | P20758085+LRX24MFT | 1 | \$696.00 | 58\% | \$292.3 |
| P207580900tLF24MFT US | Beimo |  | P207580900tLF24MFT U | 1 | \$845.00 | 58\% | \$354.90 |
| P2075E0900+LF24-MT-S US | Beimo | 2 way, Br trim, 344 " 9.0 GPM Pressure Independent Vave with Sping, 35inlb, MFT, 24V, sw | P20758000tLF24.MFT.S US | 1 | \$901.00 | 58\% | \$378.42 |
| P207580900+LB824 ${ }^{\text {a }}$ | Baimo |  | P207580900tR8824.3 | 1 | \$511.00 | 58\% | 4.62 |
| P20756890+LRB243.5 | Beimo |  | P20758090+LRB243-S | 1 | \$582.00 | 58\% | \$244.44 |
| P20758090+LRC824-3 | Baimo |  | P20758090+LRCB24-3 | 1 | \$463.00 | 58\% | \$194.46 |
| P20750900+LRC824.3.S | Belimo | 2 way, Brtrim, $344,9.0$ GPM Prossure Indepenenderv Vave with Non-Spring Reumm, 45 in int | P20750900+LCB824.3.S | 1 | \$533.00 | 58\% | \$223.86 |
| P20758090+LRX120.3 | Beimo |  | P20758090+LRX120:3 | 1 | \$543.00 | 58\% | \$228.06 |
| P20758090+LR×24.3 | Belimo |  | P207580900thx24.3 | 1 | \$511.00 | 58\% | 4.62 |
| P20758090+LRX24.3.S | Belimo |  | P20758000+LKX243.S | 1 | \$582.00 | 58\% | \$24 |
| P20758090+LRX24MFT | Belimo | 2 way, Br trim, 344, 9.0 GPM Pressure Ind indenendent Vave with Non-SPping Retum,45 in-lb | P20750900+LX244MFT | 1 | \$696.00 | 58\% | \$292.32 |
| P20750095+LF24MFT US | Beimo | 2 way, Brtruin, 34"; 9.5 GPM Pesssure independent Vave with Spring, 35in-b, MFT, 24V | P20758095 + LF24MFT US | 1 | \$845.00 | 58\% | \$354.90 |
| P20758095+LF24MF-S S US | Beimo | 2 way , Br trim, 344 ", 9.5 GPM Pressure Independent Vave with Spring, 35in-1, MFF, , 24V, SW | P207580954LF24MFT-S US | 1 | \$901.00 | 58\% | \$378.42 |
| P20758095+LR824-3 | Belimo | 2 way, Br trim, 3/4", 9.5 GPM Pressure Independent Valve with Non-Spring Return, 45 in -lb | P20758095tLR824.3 | 1 | \$511.00 | 58\% | \$214.62 |
| P20758095+LRB24.3.S | Baimo |  | P20758095 + LR8243-S | 1 | \$582.00 | 58\% | \$244.44 |
| P20758095 + LRCB24, 3 | Belimo |  | P20758095+LRCB24-3 | 1 | \$463.00 | 58\% | \$194.46 |
| P20758095+LRCB24.3.S | Balimo |  | P20758095+LRCB24.3.S | 1 | \$533.00 | 58\% | \$223.86 |
| P20758095+LEX120.3 | Belimo | 2 way, Br trim, $3 / 4^{\prime \prime}$, 9.5 GPM Pressure Independent Valve with Non-Spring Return, 45 in -lb | P20758095+LEx120:3 | 1 | \$543.00 | 58\% | \$228.06 |
| P20758095+LRX243 | Belimo |  | P20758095+LRX24-3 | 1 | \$511.00 | 58\% | \$214.62 |
| P20756095+LRX24.3.S | Beimo |  | P20758095 + RX24.3.S | 1 | \$582.00 | 58\% | \$244.44 |
| P20758095+LRX24MFT | Beimo |  | P20758095+LRX24MFT | 1 | \$696.00 | 58\% | \$292.32 |
| P20758100tLF24MFT US | Beimo | 2 way, Br trin, 344 \%, 10 GPM Pressure Independent Vave with Sping, 35inlb, MFT, 24V | P20755100+LE24MFT US | 1 | \$845.00 | 58\% | \$354.90 |
| P20758100+LF24.MFT-S US | Beimo | 2 way, Brtrim, 344, 10 GPM Pressure Independent vave with Sping, 3sinim, MFT, 24V, Sw | P207581004LF24.MFT.S US | 1 | \$901.00 | 58\% | \$378.42 |
| P20758100+LB8243 | Belimo | 2 way, Br trim, 344,10 GPM Pressure Independent vave with Non-Sping Return.45 in-1b | P20758100+LRB243 | 1 | \$511.00 | 58\% | \$214.62 |
| P20758100+LR824-3.S | Belimo |  | P20758100+LR8243.S | 1 | \$582.00 | 58\% | \$244.44 |
| P20758100+LRCB24, | Belimo |  | P20758100+LRCB24-3 | 1 | \$463.00 | 58\% | \$194.46 |
| P2075B100tLRCB243.S | Beimo |  | P20758100+LRC824.3.S | 1 | \$533.00 | 58\% | \$223.86 |
| P20758100+LEX120.3 | Balimo | 2 way , Brt tim, 344,10 GPM Pressure | P20758100+LRX120-3 | 1 | \$543.00 | 58\% | \$228.06 |
| P20755100+LRX24.3 | Beimo |  | P20758100+LRX24.3 | 1 | \$511.00 | 58\% | \$214.62 |
| P20758100+LRX24.3.5 | Beimo |  | P20758100+LRX24.3.S | 1 | \$582.00 | 58\% | \$244.44 |
| P20758100+LRX24MFT | Belimo |  | P20758100+LR×24-MFT | 1 | \$696.00 | 58\% | \$292.32 |
| P6250s-105+AKRX24.P1 | Beimo | 2 Way, Cast Ion, 2-1/2", 105 GPM, ePV with Electronic Fali: Sate, 188 in.lb, Moduluaing,24V | P6250s-105+AKRX24.P1 | 1 | \$7,278.00 | 58\% | \$3,056.76 |
| P62505-105+AR $\times 24 . \mathrm{P} 1$ | Belimo |  | P62505-105+AR $\times 24 . \mathrm{P} 1$ | 1 | \$6,455.00 | 58\% | \$2,711.10 |
| P62505-110AKKR24.-P1 | Baimo |  | P6250S-110+AKR24.-P1 | 1 | \$7,278.00 | 58\% | \$3,056.76 |
| P62505-110+AR 24.8 Pl | Baimo | 2 Way, Cast Ion, 2.1/2', 110 GPM, epiV with Non-Spring Reumr, 188 in.lb, Moduluaing, 24V | P62505-110+AR $\times 24.81$ | 1 | \$6,455.00 | 58\% | \$2,711.10 |
| P6250S-115-AKRX24-P1 | Baimo |  | P6250S-115+AKR24.PP1 | 1 | \$7,278.00 | 58\% | \$3,056.76 |
| P62505-115+ARX24.-1 | Beimo |  | P62505-115+ARX24.P1 | 1 | \$6,455.00 | 58\% | \$2,711.10 |
| P6250S-121+AKR224-P1 | Baimo |  | P6250S-121+AKRX24-P1 | 1 | \$7,278.00 | 58\% | \$3,056.76 |
| P62505-121+AR 24.4 P1 | Beimo | 2 Way , Cast Ion, 2.1/2', 121 GPM, ePIV with Non-Spring Reumr, 188 in.lb, Mouluating, 24V | P62505-121+AR $\times 24 . \mathrm{P} 1$ | 1 | \$6,455.00 | 58\% | \$2,711.10 |
| P62505-127-AKR24-P1 | Beimo |  | P62505-127-AKR224-P1 | 1 | \$7,278.00 | 58\% | \$3,056.76 |
|  | Baimo |  | P6250. - 27 + $\mathrm{AR} \times 24 . \mathrm{P} 1$ | 1 | \$6,455.00 | 58\% | \$2,711.10 |
| P6830s-133+AKR24.-P1 | Beimo |  | P6300s-133+AKRX24.P1 | 1 | \$8,786.00 | 58\% | \$3,690.12 |
| P63005-133+AR $\times 24.81$ | Baimo |  | P63005-133+ARX24.P1 | 1 | \$7,964.00 | 58\% | \$3,344.88 |
| P6300s-141 $\mathrm{AKKX24.P1}$ | Baimo |  | P6300S-141+AKR24-P1 | 1 | \$8,786.00 | 58\% | \$3,690.12 |
|  | Baimo |  | P63005-141+ARX24.P1 | 1 | \$7,964.00 | 58\% | \$3,344.88 |
| P6300s-199+AKRX24.P1 | Beimo |  | P6300s-149AAKRx24.P1 | 1 | \$8,786.00 | 58\% | \$3,690.12 |
| P63005-149+ARX24.-P1 | Beimo |  | P63005-199+ARX24.-P1 | 1 | \$7,964.00 | 58\% | \$3,344.88 |
| P6300S-157-AKR224-P1 | Baimo |  | P6300S-157-AKR824.P1 | 1 | \$8,786.00 | 58\% | \$3,690.12 |
| P6300s-157-AR 24.4 P1 | Baimo |  | P63005-157-AR $\times 24.81$ | 1 | \$7,964.00 | 58\% | \$3,344.88 |
| P6300s-165 $\mathrm{AKRX24.P1}$ | Baimo |  | P6300S-165+AKR824.P1 | 1 | \$8,786.00 | 58\% | \$3,690.12 |
| P63005-165+ARX24.P1 | Baimo |  | P63005-165-AAX24.-P1 | 1 | \$7,964.00 | 58\% | \$3,344.88 |
| P63005-173-AKRX24.P1 | Baimo |  | P6300S 173 +AKRR24.-P1 | 1 | \$8,786.00 | 58\% | \$3,690.12 |
| P63005-173-AA $\times 24.81$ | Beimo |  | P63005-173+AR×24.P1 | 1 | \$7,964.00 | 58\% | \$3,344.88 |
| P63005-180+AKKX24.P1 | Beimo |  | P6830s-180-AKR24-P1 | 1 | \$8,786.00 | 58\% | \$3,690.12 |
| P63005 $180+$ AR $\times 24$ P1 | Baimo |  | P6300s-180+ARX24.P1 | 1 | \$7,964.00 | 58\% | \$3,344.88 |
| P64005-195-AKKX24.P1 | Baimo |  | P6400s-195-AKR824.P1 | 1 | \$9,971.00 | 58\% | \$4,187.82 |
| P6400s-195+AR $\times 24.81$ | Baimo |  | P6400s-195+ARX24.P1 | 1 | \$9,149.00 | 58\% | \$3,842.58 |
| P64005-210AAKX 24.81 | Baimo |  | P6400S-210AAKR24.-P1 | 1 | \$9,971.00 | 58\% | \$4,187.82 |
| P64005-210+AR 24.8 Pl | Baimo | 2 Way, Cast tron, 44, 210 GPM, ePV with Non-Spring Return, 80 in int, Modualing, 24V | P6640s-210+AR $\times 24.81$ | 1 | \$9,149.00 | 58\% | \$3,842.58 |
| P6400S-225-AKR224-P1 | Baimo | 2 Way, Cast ton, 4, 225 GPM, ePV w with Electronic Fail-Saie, 180 inlib, Modulating, 24V | P6400S-225-AKR224-P1 | 1 | \$9,971.00 | 58\% | \$4,187.82 |
| P6400S-225+AR $\times 24 . \mathrm{Pl}$ | Beilmo |  | P64005-225+AR $\times 24 . \mathrm{P} 1$ | 1 | \$9,149.00 | 58\% | \$3,842.58 |
| P6400S-240AAKR24.-P1 | Baimo |  | P6400S-240+AKR24.PP1 | 1 | \$9,971.00 | 58\% | \$4,187.82 |
| P64005-240+AR 24.4 Pl | Baimo | 2 Way, Cast tron, 44, 240 GPM, ePV with Non-Spring Return, 80 in int, Modualing, 24V | P6640s-240+AR $\times 24.81$ | 1 | \$9,149.00 | 58\% | \$3,842.58 |
| P6400S-255 + AKRX24.P1 | Baimo |  | P6400S-255-AKR224-P1 | 1 | \$9,971.00 | 58\% | \$4,187.82 |
| P6400s-255-ARX24.P1 | Baimo |  | P64005-255-ARX24.-P1 | 1 | \$9,149.00 | 58\% | \$3,842.58 |
| P6400S-270+AKR24.-P1 | Beimo |  | P6600S-270+AKR24.-P1 | 1 | \$9,971.00 | 58\% | \$4,187.82 |

The scope of this contract includes the following
Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Hicroprocessor-Controled HVAC Equipment in a buildng or faciily. Buidng Management Systems and Bur Aug Contro Systems are abo subcategories of Bulding Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mourded $\mathbf{H}$ Inc Equipment.

Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, etc.) to communicat.
platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
gration, mainten Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs howers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxia \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
B. Gudio-Video

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Mores Number |  | iplon | Coose | $\begin{aligned} & \text { "Warranty Period - \# of year(s) after } \\ & \text { acceptance as required by Appendix B, } \end{aligned}$ | Ireprice |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| P64005-270+ARX24-P1 | Baimo | 2 Way, Cast loo, 4; 270 GPM, ePVV with Non-Spping Return, 180 in-lb, Modulaing, 24V | P64005-270+ARX24-P1 | 1 | \$9,149.00 | 58\% | \$3,842.58 |
| P6400S-285+AKR224-P1 | Balimo |  | P6400S-285-AKR224-P1 | 1 | \$9,971.00 | 58\% | \$4,187.82 |
| P64005-285+ARX24.P1 | Beimo |  | P64005-285+ARX24.P1 | 1 | \$9,149.00 | 58\% | \$3,842.58 |
| P6400s-300+AKR24.P1 | Balimo |  | P6400S-300+AKR24.-P1 | 1 | \$9,971.00 | 58\% | \$4,187.82 |
| P64005 300+AR×24.-P1 | Beimo |  | P64005 300+ARX24.P1 | 1 | \$9,149.00 | 58\% | \$3,842.58 |
| P6400s-317-AKR224.P1 | Balimo |  | P6600S-317-AKR224-P1 | 1 | \$9,971.00 | 58\% | \$4,187.82 |
| P64005-317+ARX24-P1 | Beimo |  | P66005 3.37-ARX24-P1 | 1 | \$9,149.00 | 58\% | \$3,842.58 |
| P6500s $3535+\mathrm{GKRX24.P1}$ | Beimo |  | P6500s $3535+\mathrm{GKRX24.P1}$ | 1 | \$12,123.00 | 58\% | \$5,091.66 |
|  | Baimo |  | P65005 $335+\mathrm{GR} \times 24 . \mathrm{P} 1$ | 1 | \$11,301.00 | 58\% | \$4,746.42 |
|  | Beimo |  | P6500s-353+GKR224-P1 | 1 | \$12,123.00 | 58\% | \$5,091.66 |
| P6500s $353+$ GAX24.-P1 | Baimo |  | P6500s-353+GRX24.P1 | 1 | \$11,301.00 | 58\% | \$4,746.42 |
| P6500s-377+GKRX24-P1 | Beimo |  | P6500s-377+GKRX24-P1 | 1 | \$12,123.00 | 58\% | \$5,091.66 |
| P65005 $371+$ GAX24.-P1 | Baimo |  | P6500 3 371+GAX24.P1 | 1 | \$11,301.00 | 58\% | \$4,746.42 |
| P6500s-389+GKRX24.P1 | Baimo |  | P6500s-389+GKR224.P1 | 1 | \$12,123.00 | 58\% | \$5,091.66 |
|  | Beimo |  | P65009 389+GAR24.P1 | 1 | \$11,301.00 | 58\% | \$4,746.42 |
| P6500S-4077-GKR24-P1 | Baimo |  | P6500S-4077-GKRX24-P1 | 1 | \$12,123.00 | 58\% | \$5,091.66 |
| P65005-407+6.4x24-P1 | Beimo |  |  | 1 | \$11,301.00 | 58\% | \$4,746.42 |
| P6500S-425+GKRX24-P1 | Baimo |  | P6500S-425+GKRX24-P1 | 1 | \$12,123.00 | 58\% | \$5,091.66 |
|  | Beimo |  | P65005-425+6RX24.P1 | 1 | \$11,301.00 | 58\% | \$4,746.42 |
| P6500S-443+GKRX24-P1 | Baimo |  | P6500S-443+GKRX24-P1 | 1 | \$12,123.00 | 58\% | \$5,091.66 |
| P65005-433+68×24.-P1 | Baimo |  | P65005.433+6RX24.P1 | 1 | \$11,301.00 | 58\% | \$4,746.42 |
| P6500S-461+GKRX24.-P1 | Beimo |  | P6500S-461+GKRX24.-P1 | 1 | \$12,123.00 | 58\% | \$5,091.66 |
| P6500 -461+68x24.P1 | Baimo |  | P65005 $461+$ GAX $\times 24 . \mathrm{P} 1$ | 1 | \$11,301.00 | 58\% | \$4,746.42 |
| P6500s-479.GKRX24.P1 | Beimo | 2 Way, Cast fon, 5 , 479 GPM, ePV with Electronic Failsale, 360 in'lb, Moduluting,24V | P6500s-479.GKRX24.P1 | 1 | \$12,123.00 | 58\% | \$5,091.66 |
| P65005-479968×24.P1 | Baimo |  | P65005 $479+$ GAX $\times 24 . \mathrm{P} 1$ | 1 | \$11,301.00 | 58\% | \$4,746.42 |
| P6500S-495+GKRX24-P1 | Baimo |  | P6500s-495+GKR224.P1 | 1 | \$12,123.00 | 58\% | \$5,091.66 |
| P65005-495+6AX24.-81 | Baimo |  | P65005-495+6RX24.P1 | 1 | \$11,301.00 | 58\% | \$4,746.42 |
| P6600s-515+GKRX24.P1 | Baimo |  | P6600s-515+GKR224.P1 | 1 | \$15,352.00 | 58\% | \$6,447.84 |
| P66005.515+GAR24-P1 | Beimo |  | P66005.515+GAX24.P1 | 1 | \$14,530.00 | 58\% | \$6,102.60 |
| P6600s-537-GKRX24-P1 | Baimo |  | P6600s-537-GKRX24-P1 | 1 | \$15,352.00 | 58\% | \$6,447.84 |
| P66009.537-68x24.P1 | Beimo |  | P66009.537-68x24.P1 | 1 | \$14,530.00 | 58\% | \$6,102.60 |
| P6600s-559+GKRX24-P1 | Baimo |  | P6600: 5599 GKRR24.-P1 | 1 | \$15,352.00 | 58\% | \$6,447.84 |
|  | Baimo |  | P66009.559 GAR $24 . \mathrm{P} 1$ | 1 | \$14,530.00 | 58\% | \$6,102.60 |
| P6600 -581+GKRX24.P1 | Beimo |  | P6600S $5881+$ GKR24.-P1 | 1 | \$15,352.00 | 58\% | \$6,447.84 |
| P6600 -581+GAX24-P1 | Baimo |  | P66009 5.581+GAX24.P1 | 1 | \$14,530.00 | 58\% | \$6,102.60 |
| P6600s $603+$ GKRX24.P1 | Beimo |  | P6600s-603+GKRX24-P1 | 1 | \$15,352.00 | 58\% | \$6,447.84 |
| P66005.603+6AX24.-P1 | Baimo |  | P66005 $603+6 \mathrm{P} \times 24 . \mathrm{P} 1$ | 1 | \$14,530.00 | 58\% | \$6,102.60 |
| P6600S-625-GKR24.-P1 | Belimo |  | P6600s-625+GKRX24.P1 | 1 | \$15,352.00 | 58\% | \$6,447.84 |
| P66005 625 +68x24.P1 | Baimo |  | P66005 625 +GAX24.P1 | 1 | \$14,530.00 | 58\% | \$6,102.60 |
| P6600s-647-GKRX24.P1 | Baimo |  | P6600s-647-GKRX24-P1 | 1 | \$15,352.00 | 58\% | \$6,447.84 |
|  | Beimo |  | P66005 6.47-68x24.P1 | 1 | \$14,530.00 | 58\% | \$6,102.60 |
| P6600s $669+$ GKRX24-P1 | Baimo |  | P6600s $669+$ GKR224.P1 | 1 | \$15,352.00 | 58\% | \$6,447.84 |
|  | Beimo |  | P66009 6699 GRX24.P1 | 1 | \$14,530.00 | 58\% | \$6,102.60 |
| P6600s $699+$ GKRX24-P1 | Baimo |  | P6600s $699+$ GKRX24-P1 | 1 | \$15,352.00 | 58\% | \$6,447.84 |
| P66005 $6991+$ GAX24.-P1 | Baimo |  | P66005 $699+$ Ger $\times 24 \mathrm{P} 1$ | 1 | \$14,530.00 | 58\% | \$6,102.60 |
| P66005-713+GKRX24.P1 | Beimo |  | P66005-713+GKRX24.P1 | 1 | \$15,352.00 | 58\% | \$6,447.84 |
| P66005-713+68×24.-P1 | Baimo |  | P66005-713+6RX24.P1 | 1 | \$14,530.00 | 58\% | \$6,102.60 |
| PICCV.25-011+LIF24MFT US | Belimo | 2.way PICCV ${ }^{10}$ ", 1 ggom wilh Spring, 35in-b, MFT, 24V | PICCV-25-011+LIF24MFT US | 1 | \$926.00 | 58\% | \$388.92 |
|  | Belimo | 2.way PICCV ${ }^{10}$, 11 gpm with Sping, 35inibl, MFT, 24V, SW | PICCV-250011 LLF24-MFT.S US | 1 | \$983.00 | 58\% | \$412.86 |
| PICCVV25-011+LRB24-3 | Baimo |  | PICCVV $25.011+$ LRB24 ${ }^{\text {a }}$ | 1 | \$576.00 | 58\% |  |
| PICCV-25-0011+LPB24.3.S | Belimo |  | PICCV-25-011+LRB243.3.S | 1 | \$646.00 | 58\% | $\$ 271.32$ |
| PICCVV-25.011 +LRCB24.3 |  | 2.way PICCV 1 ", 11 Igpm with Non-Sping Reeurn,45 in-lb, Onotitrlioaing.24V | PICCVV-25.011 +LRCB24.3 | 1 | \$599.00 | 58\% | \$251.58 |
| PICCV-25.011+LRCB843-3 | Boimo |  | PICCVV-25-011 +LRCB24.3.S | 1 | \$670.00 | 58\% | \$281.40 |
| PICCV-25.011+LLXX120.3 | Balimo |  | PICCV-250.011+LPX120.3 | 1 | \$607.00 | 58\% | \$254.94 |
| PICCVV-25-011+LRX24.3 | Baimo |  | PICCV-25-011+LRX24.3 | 1 | \$576.00 | 58\% | \$241.92 |
| PICCV-25-011+LRX24-3-S | Beimo Beimo | 2-way PICCV 1", 11 gpm with Non-Spring Return, 45 in -lb ,On/Off/Floating, 24 V | PICCV-25-011+LRX24-3-S | $1$ | $\$ 646.00$ | 58\% | $\$ 271.32$ |
| PICCV-25-011+LRX24-MFT PICCV-25-012+LF24-MFT US | Beimo Beimo |  2.way PICCV, BR Tim, 14, 11.7 GPM with Soring, 35in-l., MFT, 24 V | PICCV-25-011+LRX24MFT | $1$ | $\$ 794.00$ | 58\% | $\$ 333.48$ |
| PICCV-25-012+LF24-MFT US PICCV-25-012+LF24-MFT-S US | Belimo Beimo | 2-way PICCV, BR Trim, 1", 11.7 GPM with Spring, $35 \mathrm{in}-\mathrm{lb}, \mathrm{MFT}, 24 \mathrm{~V}$ <br> 2-way PICCV, BR Trim, 1", 11.7 GPM with Spring, 35in-lb, MFT, 24V, SW | PICCV-25-012+LF24-MFT US PICCV-25-012+LF24-MFT-S US | $\begin{aligned} & 1 \\ & 1 \end{aligned}$ | $\$ 926.00$ $\$ 983.00$ | 58\% 58\% | $\$ 388.92$ $\$ 412.86$ |
| PICCV-25-012+LRB24.3 | Beimo |  | PICCV. $25-012+$ LRB24 ${ }^{\text {a }}$ | 1 | \$576.00 | 58\% | ${ }_{\text {\$244.92 }}$ |
| PICCVV $25.012+$ LRE824.3.s | Beimo |  | PICCV-25-012+LER24 4 .S | 1 | \$646.00 | 58\% | \$271.32 |
| PICCV-250012+LCB824-3 | Baimo |  | PICCV-25-012+LCBB243 | 1 | \$599.00 | 58\% | \$251.58 |
| PICCVV-25-012+LRCB24.3.S | Baimo |  | PICCV-25-012+LRCB24.3.s | 1 | \$670.00 | 58\% | \$281.40 |
| PICCVV-25-012+LRX120.3 | Beimo |  | PICCVV25-012+LRX120.3 | 1 | \$607.00 | 58\% | \$254.94 |
| PICCVV $25.121+$ +1/X24.3 | Baimo |  | PICCVV-25-12+LIRX24.3 | 1 | \$576.00 | 58\% | \$241.92 |
| PICCVV25-012+LRX24.3.S | Beimo |  | PICCV-25-012+LRX24.3.S | 1 | \$646.00 | 58\% | \$271.32 |
| PICCV-25012+LA 2 24.MFT | Balimo |  | PICCVV-25-012+LRX24MFT | 1 | \$794.00 | 58\% | \$333.48 |
| PICCVV25.013 + LF24.MFT US | Belimo |  | PICCVV.25-013+LI24.MFT US | 1 | \$926.00 | 58\% | \$388.92 |
| PICCVV25-013+LIF24-MFT. S U | Balimo | 2.way PICCV 17, 13gpm with Sping, 35in.b. MFT, 24V, Sw |  | 1 | \$983.00 | 58\% | \$412.86 |
| PICCVV $25.013+$ LRB24.3 | Baimo |  | PICCVV25-013 +LRB24.3 | 1 | \$576.00 | 58\% | \$241.92 |
|  | Balimo |  | PICCVV-250013+LRB24.3.S | 1 | $\$ 646.00$ | 58\% | \$271.32 |
|  | Belimo Beimo |  |  | $1$ | $\$ 599.00$ | 58\% | $\$ 251.58$ |
| PICCV-250.13+LRCB24.3.S | Baimo |  | PICCV-25.013 +LCCB24.3.5 | 1 | \$670.00 | 58\% | $\$ 281.40$ |
|  | Belimo Beimo |  | PICCVV-25.013+LRX120.3 | 1 | \$607.00 | 58\% | \$254.94 |
| PICCVV-25-0.13+LRX24.3 PICCV-25-13t-LX243-S | Belimo Beimo |  |  | 1 | $\$ 576.00$ $\$ 646.00$ | $58 \%$ $58 \%$ | $\$ 241.92$ $\$ 271.32$ |
| PICCV-250.13+LRX24.MFT | Belimo |  |  | 1 | \$794.00 | 58\% | \$333.48 |
| PICCV-25-014 LIF-24MFT US | Belimo | 2.way PICCV ${ }^{10}$, 14gpm with Sping, 35in-b, MFT, 24 V | PICCV-25.014LL-24MFT US | 1 | \$926.00 | 58\% | \$388.92 |

The scope of this contract includes the following
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Ecroprocessor-Controlled HAC Equipment in a building or facility. Building Management Systems and Buis Conr Sys,
. Itegrated Microprocessor-Controlled HVAC Equipent such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mout HVAC Equipment.
Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and , commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
Integrated BAS/EMS/IItegrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pane ( AAP ), and/or other similar device, which utilize certain proochs (e.g. BACN, Lonalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he

Factory Installed/Factory-Provided micro-processor--controlled included/conemote I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. he contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not imited
. Genio Video
A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

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 PICCV-25-0.14tLRCB24.3

 PICCV-25-014 LLRX243-S PICVV.25014+LLXX24 MMT
 PICCV-250.015+LRB24.3 PICCV-25.015+LBB24-3.S PICCV-250.015+LCCB24-3
 PICCV-25-015 1 LRX24.3 PICCV-25.015 + LRX24.3.S PICCV-25-015 5 LRX24-MFT
 PICCV-25-0.16+LRB24-3
PICCV-25.016+LRB24.3.S. PICCV-25-0.06+LRCB24 PICCV-25-0.16+LLCB24-3.S. PICCV-25-0.16+LRX120.3 PICCV-25.016 + LRX24.3 ICCVV-25-016+LRX243.5 PICCV-25.016+LRX24MFT
 PICCV.25-017+LRB24.3 PICCV-25.017+LRB24.3.S PICCV-25.017+LRCB24.3 PICCVV-25-017 +LRCB243.3.S PICCV-250.017+LRX120.3 PICCV- $25-017+$ + $\mathrm{RX} \times 24.3$
 PICCV-25-018+LF24-MFT.S US PICCV-25.018+LRB24-3.3
PICCV-55018+LRB24-S PICCV-250.018+LCCB24-3

 PICCV-25018+LLRX24MFT
 PICCV-25.019+LRB24.3.3
PICCV-25-19+LRB24-5 PICVV $25-019+$ LLCBE24.3
 PICCV-2.0.019+LRX24.3.
PICCV-25.19+LRX24.3.S PICCV $25-199+$ LIX X 24 M PICCV-32-018+AFFX24-MFT
PICCV-32018+AFRX24MFTS
 PICCV-32-0.19AAFRX24MFT-S
 PICCV.-32-020+AARXX24MFT-S


 PICCV. $32 \cdot 022+$ AFRX $\times 24$ MFT


 PICCV.32.023-ARX24-MFT


 PICCV-32.025AAFRX24-MFT-S PICCV. $32.025+$ ARX $\times 2$-MFT

 PICCV.40.026-AFRX24-MFT
 PICCV-40-026+AAX24-MTT
PICCV-40-027AFRK24MFT PICCV-40-027 TARRX24-MFT-S PICCV-40-027ARX24MFT PICCV-40.028-AFRX24-MFT





PICCV-25-0144LEF24MET.SUS

| duct Code | $\begin{gathered} \text { "Warranty Period - \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54 \text { " } \end{gathered}$ |
| :---: | :---: |
| PICCV-25-014tLF24MFT.SUS |  |

The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Eroroprocessor-Controiled HAC Equipment in a building or faciilty. Building Management Systems and Building Control Sytems are aso subcategries of Building Automation Systems.
. Integrated Microprocessor-Controlled HVAC Equipent such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc, which are Factory-Montred HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integra
4. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pane (HAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, etc.) to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated platforms/systems.
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs showers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he

Factory Installed/Factory-Provided micro-processor--controlled included/conemote I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not imited
A. General Purpose 1 , Telecommumicaions, Networkng Cabing, hier Opics (e.g. phone, phx, aigial centrex, digita key systems, television, calle, Aine, general broadband

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency
B. To identify an individual(s)' location in the event of a fire or emergency.

| Wodel Mumber | Mantacturer | alptoon | uel Code | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54 " | Lsit Pice | \% Disoount | Nvs Nel Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| PICCV-400.030AAFRX24MFT | Beimo |  | PICCV.40-330AAFRX24MFT | 1 | \$1,770.00 | 58\% | \$743.40 |
| PICCV-40-030-AFRX24-MET-S | Balimo |  | PICCV-40.030AAFRX24-MFT-S | 1 | \$1,862.00 | 58\% | \$782.04 |
| PICCVV-40-030AAK $24 . \mathrm{MeT}$ | Beimo |  | PICCV-40-030+ARX24-MFT | 1 | \$1,559.00 | 58\% | \$654.78 |
| PICCV-40.031+AFRX24-MFT | Baimo | 1.1/2 PICCV DN40, NPT, 31 GPM with Sping Reumn,1880 in-1b, MFT, 24V | PICCV.40-031+AFRX24-MFT | 1 | \$1,770.00 | 58\% | \$743.40 |
| PICCV-40-031 AFFX24-MET-S | Baimo | 1-1/2 PICCV DNA, NPT, 31 GPM with Sping Reum, 180 in-b, MF, ,24V | PICCV-40-031+AFRX24-MFT.S | + | \$1,862.00 | 58\% | \$782.04 |
| PICCVV-40-031AARX24.MTT | Beimo | 1-1/2 PICCV DN40, NPT, 31 GPM with Non-Spring Retur, 180 in --b, M, MF, 24V | PICCV-40-031+ARX24-MFT | 1 | \$1,559.00 | 58\% | \$654.78 |
| PICCV-40.032AAFRX24MFT | Beimo | 1-1/2 PICCV DNa, , NP, 32 GPM with Sping Relum, 180 in-b, , MF, ,24V | PICCVV-40-032-AFRX24-MFT | 1 | \$1,770.00 | 58\% | \$743.40 |
| PICCV-40-32-AFRX24-MET-S | Belimo | 1-1/2 PICCV DN40, NPT, 32 GPM with Sping Reum, 180 in-b, MF, M, 24V | PICCV-400032AAFRX24-MFT-S | , | \$1,862.00 | 58\% | \$782.04 |
| PICCVV-40-032-ARX24.MFT | Balimo |  | PICCV-40-032+ARX24-MFT | 1 | \$1,559.00 | 58\% | \$654.78 |
| PICCV-40.033+AFRX24MFT | Beimo |  | PICCV-40-033+AFRK24MFT | , | \$1,770.00 | 58\% | \$743.40 |
| PICCV-40-033+AFPX24-MFT-S | Beimo | 1-1/2/2 PICCV DN40, NPT, 33 GPM with Sping Reuun,180 in-b, MFT, 24V | PICCV-40-033AAPRX24-MFT.S | 1 | \$1,862.00 | 58\% | \$782.04 |
| PICCVV-40-033AARX24.MT | Baimo |  | PICCV-40.033+ARx24-MFT | 1 | \$1,559.00 | 58\% | \$654.78 |
| PICCVV50.033AAFRX24MFT | Beimo |  | PICCVV.50.033-AFR 2 24MFT | , | \$1,927.00 | 58\% | \$809.34 |
| PICCV-50.033+AFPX24.MET-S | Beimo |  | PICCV.50.033AAFRX24-MFT.S | 1 | \$2,019.00 | 58\% | \$847.98 |
| PICCVV50.033-ARX24-MrT | Beimo |  | PICCV.50.033+ARX24-MFT | 1 | \$1,757.00 | 58\% | \$737.94 |
| PICCV-50.034AAFRX24MFT | Belimo | $2 \mathrm{in} \mathrm{PICCV} \mathrm{DN50}, \mathrm{MPT}$,34 GPM with Spring Reutr, 180 in-Ib, MFT, 24V |  | 1 | \$1,927.00 | 58\% | \$809.34 |
| PICCV-50.034AFFX24.MET-S | Belimo | 2in PICCV DNS5, MPT, 34 GPM with Spring Reutr, 180 in-Ib, MFT, 24V | PICCV-50.034AAFR24-MFT-S | 1 | \$2,019.00 | 58\% | \$847.98 |
| PICCV. 55.034 AAR24-Mr | Beimo | 2in PICCV DN50, NPT, 34 GPM with Non-Sping Reutr, 188 in-lb, MFT, 24V | PICCV.50.0344AR24.MFT | 1 | \$1,757.00 | 58\% | \$737.94 |
| PICCV-50.035AAFRX24MFT | Beimo |  | PICCV. $50.035+A F R \times 24$ M M | 1 | \$1,927.00 | 58\% | \$809.34 |
| PICCV-50.035+AFPX24-MET-S | Baimo | 2in PICCV DNs50, NPT, 35 GPM with Spring Reuur, 180 in-Ib,M-MT, 24V | PICCV-50.035+AFRX24-MFT.S | 1 | \$2,019.00 | 58\% | \$847.98 |
|  | Baimo | 2in PICCV DNso, NPT, 35 GPM with Non-Sping Retur, 180 inilb, MFT, 24V | PICCVV50.035AARX24-MFT | 1 | \$1,757.00 | 58\% | \$737.94 |
| PICCV-50.036+AFRX24MFT | Beimo | 2 m PICCV DN50, NPT, 36 GPM with Sping Reumm, 188 in-b, MFT, ,24V | PICCVV50.036-AFRX24-MFT | 1 | \$1,927.00 | 58\% | \$809.34 |
| PICCV-50.036-AFRX24.MET-S | Belimo | 2in PICCV DNSo, MPT, 36 GPM with Spring Reutr, 180 in-Ib, MFT, 24V | PICCV-50.036AAFRX24-MFT-S | 1 | \$2,019.00 | 58\% | \$847.98 |
| PICCVV550.036ARX24.MFT | Balimo |  | PICCV.50.036+ARX24.MFT | 1 | \$1,757.00 | 58\% | \$737.94 |
| PICCVV50.037+AFRX24MFT | Baimo | $2 \mathrm{in} \mathrm{PICCV} \mathrm{DN50}, \mathrm{MPT}$,37 GPM with Spring Reutr, 180 in-Ib, MrT, 24V | PICCV. 50.037 -AFR2424-MFT | 1 | \$1,927.00 | 58\% | \$809.34 |
| PICCV-50.037.AFFX24.MFT-S | Baimo | 2in PICCV DNS5, MPT, 37 GPM with Spring Reutr, 180 in-Ib,M-MT, 24V | PICCV.50.037AAFRX24-MFT.S | 1 | \$2,019.00 | 58\% | \$847.98 |
| PICCVV50.037 ARex 2 -MFT | Balimo |  | PICCV-50.037 ARX24.MFT | 1 | \$1,757.00 | 58\% | \$737.94 |
| PICCV-50.038AAFRX24-MFT | Baimo |  | PICCV. $50.038+$ AFRX 2 4-M MT | 1 | \$1,927.00 | 58\% | \$809.34 |
| PICCV-50.038 AAFRX24.MFT.S | Baimo | 2in PICCV DNSo, MPT, 38 GPM with Spring Reuur, 180 in-Ib, MFT, 24V | PICCV-500038AAFR24-MFT.S | 1 | \$2,019.00 | 58\% | \$847.98 |
| PICCVV50.038+AAX24.MFT | Balimo | 2in PICCV DNso, NPT, 38 GPM with Non-Sping Reumm, 80 intib, Me.t, 24 V | PICCV.50.038+ARX24.MFT | 1 | \$1,757.00 | 58\% | \$737.94 |
| PICCV-50.039AAFRX24MFT | Baimo |  | PICCV. 50.039 AAFR 2 24MFT | 1 | \$1,927.00 | 58\% | \$809.34 |
| PICCV-50.039+AFPX24.MFT-S | Baimo | 2in PICCV DNS5, NPT, 39 GPM with Spring Reutr, 180 in-Ib,M-MT, 24V | PICCV.50.039AAFRX24-MFT.S | 1 | \$2,019.00 | 58\% | \$847.98 |
|  | Baimo |  | PICCV.50.039+ARx24.MFT | 1 | \$1,757.00 | 58\% | \$737.94 |
| PICCV-50.040AAFRX24MFT | Baimo |  | PICCVV50-440AFRX24-MFT | 1 | \$1,927.00 | 58\% | \$809.34 |
| PICCV-50.040 AfFX24.MET-S | Baimo |  | PICCV-50.040AAFRX24-MFT.S | 1 | \$2,019.00 | 58\% | \$847.98 |
| PICCVV50.040-ARX24-MrT | Baimo | 2 "PICCV DN50, NPT, 40GPM with Non-Sping Reutm, 880 in-lb, MFT, 24V | PICCV.50.040+ARX24-MFT | 1 | \$1,757.00 | 58\% | \$737.94 |
| PICCV-50.044AAFRX24MFT | Balimo |  | PICCV.50-044AAFR24-MET | 1 | \$4,735.00 | 58\% | \$1,988.70 |
| PICCV-50.044AAFRX24.MET-S | Balimo | 2in PICCV DNS5, MPT, 44 GPM with Spring Reutr, 180 in-Ib, MFT, 24V | PICCV-50.044AAFR24-MFT.S | 1 | \$4,827.00 | 58\% | \$2,027.34 |
| PICCV.550.044AAR 2 -4MFT | Baimo | 2in PICCV DN50, NPT, 44 4 GPM with Non-Sping Reutr, 188 in-lb, MFT, 24V | PICCV-50.044+ARX24-MFT | 1 | \$4,637.00 | 58\% | \$1,947.54 |
| PICCVV-50.048+AFFX24-MFT | Baimo |  | PICCV. $50.048+$ AFR $\times 24$-MFT | 1 | \$4,735.00 | 58\% | \$1,988.70 |
| PICCV-50.048-AFRX24MFT.S | Baimo |  | PICCVV50.048+AAFR24-MFT.S | 1 | \$4,827.00 | 58\% | \$2,027.34 |
|  | Baimo | 2in PICCV DNso, NPT, 48 GPM with Non-SPping Retur, 188 in.lb, MFT, ,24V | PICCVV50.048AARX24-MFT | 1 | \$4,637.00 | 58\% | \$1,947.54 |
| PICCV-50.052AFFX24.MFT | Balimo | 2 m PICCV DNSO, MPT, 52 GPM with Spring Reutr, 180 in-lb, MFT, 24V | PICCVV50.052-AFRX24MFT | 1 | \$4,735.00 | 58\% | \$1,988.70 |
| PICCV-50.052-AFRX24-MET-S | Balimo | 2 m PICCV DN50, MPT, 52 CPM with Sping Reumm, 188 in-b, MFT, 24 V | PICCV-50.052AAFRX24-MFT-S | 1 | \$4,827.00 | 58\% | \$2,027.34 |
| PICCVV.50.052+AR24.MFT | Balimo | 2in PICCV DNso, NPT, 52 GPM with Non-Sping Reumr, 188 in-lb, MFT, 24V | PICCV-50.052+ARX24-MFT | 1 | \$4,637.00 | 58\% | \$1,947.54 |
| PICCV. $50.056+$ AFRX24MFT | Baimo |  | PICCV. 50.056 +AFR 2 24MFT | 1 | \$4,735.00 | 58\% | \$1,988.70 |
| PICCV-50.056+AFPX24.MFT-S | Baimo | 2in PICCV DN50, NPT, 56 GPM with Sping Reumr, 180 in-b, Mr., 24 | PICCV.550.056+AFRX24-MFT.S | 1 | \$4,827.00 | 58\% | \$2,027.34 |
|  | Balimo | 2in PICCV DNso, NPT, 56 GPM with Non-Sping Reumr, 188 in-lb, MFT, 24V | PICCV.50.056+ARX24.MFT | 1 | \$4,637.00 | 58\% | \$1,947.54 |
| PICCVV50.060 A AFRX24-MFT | Baimo | $2 \mathrm{im} \mathrm{PICCV} \mathrm{VNS5}, \mathrm{NPT}$,60 GPM with Spring Retur, 180 inlib, MmF, 24 V | PICCVV-50.060AAFX 2 2-M/T | 1 | \$4,735.00 | 58\% | \$1,988.70 |
| PICCV-50.060AAFXX24.MFT.S | Baimo |  | PICCV-50.060AAFR24-MFT.S | 1 | \$4,827.00 | 58\% | \$2,027.34 |
| PICCV-50.060 AAX $\times 2$-MFT $^{\text {a }}$ | Baimo | 2in PICCV DNso, NPT, 60 GPM with Non-Sping Reutr, 180 in-lb, MFT, 24V | PICCV-50.060 ARX24-MFT | 1 | \$4,637.00 | 58\% | \$1,947.54 |
| PICCV-50.065-AFRX24MFT | Balimo |  | PICCVV-50-065-AFRX24-MET | 1 | \$4,735.00 | 58\% | \$1,988.70 |
| PICCV-50.065 + AFX 24 -MET-S | Balimo |  | PICCV-50.065 APRR24-MFT-S | 1 | \$4,827.00 | 58\% | \$2,027.34 |
| PICCVV50.065 + ARX24.MFT | Baimo |  | PICCV-50.065 AARX24-MFT | 1 | \$4,637.00 | 58\% | \$1,947.54 |
| PICCVV-50.070+AFRX24MFT | Baimo | 2in PICCV DN50, NPT, 770 GPM with Spring Retur, 188 in.ib, MrT, 24V | PICCVV50-070AAFX24-MFT | 1 | \$4,735.00 | 58\% | \$1,988.70 |
| PICCV-50.070.AFPX24.MET-S | Baimo |  | PICCVV500.070AAFRX24MFT-S | 1 | \$4,827.00 | 58\% | \$2,027.34 |
| PICCVV50.070 AARX24.MeT | Baimo | 2in PICCV DNso, NPT, 77 G GPM with Non-Sping Reumr, 188 inilb, MFT, ,24V | PICCV.50.070+ARX24.MFT | 1 | \$4,637.00 | 58\% | \$1,947.54 |
| PICCV-50.075 AFFRX24MFT | Balimo |  | PICCV-50.075-AFRX24-MFT | 1 | \$4,735.00 | 58\% | \$1,988.70 |
| PICCV-50.075-AFPX24-MET-S | Balimo |  | PICCV-50.075AAPR24-MFT.S | 1 | \$4,827.00 | 58\% | \$2,027.34 |
|  | Baimo | 2in PICCV DN50, NPT, 75 GPM with Non-Sping Reumn, 180 in-b, M, MF, ,24V | PICCV.50.075+ARX24-MFT | 1 | \$4,637.00 | 58\% | \$1,947.54 |
| PICCVV-50.080+AFFX24-MFT | Baimo |  | PICCV. $50.880+A F R \times 24$ MFT | 1 | \$4,735.00 | 58\% | \$1,988.70 |
| PICCV-50.080-AFRX24.MET-S | Balimo | $2{ }^{2}$ PICCV DNS5, NPT, 80 GPM with Speing Reumn, 180 intb, MmF, ,24V | PICCV-50.080AAFRX24-MFT-S | 1 | \$4,827.00 | 58\% | \$2,027.34 |
| PICCV. $50.880+$ AR24-M-T | Beimo |  | PICCVV50.080+ARX24.MET | 1 | \$4,637.00 | 58\% | \$1,947.54 |
| PICCV-50.090+AFRX24.MFT | Balimo | 2 m PICCV DN50, MPT, 90 GPM with Sping Reumr, 180 in-lb, MFT, 24V | PICCV-50-090+AFRX24MFT | 1 | \$4,735.00 | 58\% | \$1,988.70 |
| PICCV-50.090AFARX24MET-S | Balimo |  | PICCV-50.090AAFRX24-MFT-S | 1 | \$4,827.00 | 58\% | \$2,027.34 |
| PICCVV50.090 + ARX24.MFT | Balimo |  | PICCV-50.090 + ARX24.MFT | 1 | \$4,637.00 | 58\% | \$1,947.54 |
| PICCV-50-100-AFRX24MFT | Baimo | PICCV-50-100 2-way PICCV Brass Tim, 2 2, GPM $=100$ with Sping Retum, 180 in-lb, MFT, 24V | PICCV.50.-100AAFRX24MFT | 1 | \$4,735.00 | 58\% | \$1,988.70 |
| PICCV-50-100AFFX24-MFT-S | Beimo | PICCV-50-100 2-way PICCV Brass Trim, 2 2, GPM = 100 with Sping Relum, 880 in-l, MFT, 24V | PICCV-50-100AAPRX24-MFT-S | 1 | \$4,827.00 | 58\% | \$2,027.34 |
| PICCV-50-100+ARX24MFT | Baimo |  | PICCV-50.100+ARX24.MFT | 1 | \$4,637.00 | 58\% | \$1,947.54 |
| UFLK1000 | Baimo | Retro Kt, 2W 2" Apoll $141 / 143 \mathrm{wSGL}$ gm | UFLK1000 | 1 | \$400.00 | 58\% | \$168.00 |
| UFLK1002 | Baimo | Retro Kit, 2W 2 'APApoll $141 / 443 \mathrm{w} / 2 \cdot \mathrm{GM}$ | UFLK1002 | 1 | \$400.00 | 58\% | \$168.00 |
| UFLK1036 | Baimo | Refro Kt, 2W 2 Apolo $141 / 433$ SY1 | UFLK1036 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK1038 | Baimo | Rero Kit, 2W 2 Apolo $141 / 143$ SY2 | UFLK1038 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK1040 | Balimo | Retro Kit, 2 W 4 Apoll $141 / 1 / 43$ SY2 | UFLK1040 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK1042 | Balimo | Retro Kt, 2W 5.6. Apollo 14/1/43 SY3 | UFLK1042 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK1044 | Baimo | Retro Kit, 2W 8 Apolo $141 / 1 / 43$ SY4 | UFLK1044 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK1046 | Baimo | Retro Kiti, 2 W 10 Apolo $141 / 1 / 43$ SY4 | UFLK1046 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK1048 | Belimo | Retro Kit, 2W 12 Apollo 141/143 SY6 | UFLK1048 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK1050 | Belimo | Retro okt, 2W 14 Apolo 141/143 SY7 | UFLK1050 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK1052 | Beimo | Retero Kit, 2W 16 Apollo 14/1/43 SY8 | UFLK1052 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK1054 | Belimo | Retro Kit, 2W 18 Apollo 14/1/43 sY9 | UFLK1054 | 1 | \$864.00 | 58\% | \$362.88 |
| UFLK1056 | Belimo | Retro Kit, 2W 20 Apolo $141 / 143$ SY 10 | UFLK1056 | 1 | \$864.00 | 58\% | \$362.88 |
| UFLK1058 | Beimo | Retro Kit, 2 W 24 A pollo $141 / 143$ SYY11 | UFLK1058 | 1 | \$864.00 | 58\% | \$362.88 |
| UFLK1100 | Belimo | Retro Kit, 2W 2 W " Bray 3031 w w SLL GM | UFLK1100 | 1 | \$268.00 | 58\% | \$112.56 |
| UFLK1102 | Belimo |  | UFLK1102 | 1 | \$425.00 | 58\% | \$178.50 |
| UFLK1108 | Belimo |  | UFLK1108 | 1 | \$435.00 | 58\% | \$182.70 |
| UFLK1130 | Belimo | Rero Ktt. 2 W 2.5 Bray 30311 SY1 | UFLK130 | 1 | \$672.00 | 58\% | \$282.24 |
| UFLK1132 | Belimo | Retro Ktit 2 W 28 Bray 3031 sY Y | UFLK132 | 1 | \$625.00 | 58\% | \$262.50 |
| UFLK1134 | Belimo | Retro Kit, 2W 4 8ray 3031 SY S2 | UFLK1134 | 1 | \$616.00 | 58\% | \$258.72 |
| UFLK1136 | Belimo | Retro Kit, 2W 5 Bray 30313 SY 3 | UFLK1136 | 1 | \$612.00 | 58\% | \$257.04 |
| UFLK1138 | Belimo | Retro Kit, 2W 88 Bray $30 / 31 \mathrm{SY} 4$ | UFLK1138 | 1 | \$625.00 | 58\% | \$262.50 |
| UFLK1140 | Belimo | Retro Kit, 2 W 10 Bray $30315 \mathrm{SY4}$ | UFLK1140 | 1 | \$616.00 | 58\% | \$258.72 |
| UFLK1142 | Belimo | Retro Kit, 2W 12 Bray 30313 sY6 | UFLK142 | 1 | \$616.00 | 58\% | \$258.72 |
| UFLK1144 | Belimo | Retro Kit, 2W 14"-16" Bray 3031 SY8 | UFLK1144 | 1 | \$792.00 | 58\% | \$332.64 |
| UFLK1146 | Belimo | Retro Kit, 2W 18-20"Bray 3031 SY10 | UFLK1146 | 1 | \$864.00 | 58\% | \$362.88 |
| UFLK1200 | Beimo |  | UFLK1200 | 1 | \$368.00 | 58\% | \$154.56 |
| UFLK1224 | Belimo | Reto kt, 2W 2.5 Bray 40411 SY2 | UFLK1224 | 1 | \$672.00 | 58\% | \$282.24 |
| UFLK1226 | Beimo | Retro Kit, 2W 5 Bray 40/41 SY3 | UFLK1226 | 1 | \$616.00 | 58\% | \$258.72 |
| UFLK1228 | Beimo | Retro Kit. 2 W 6 Bray 40/41 SY4 | UFLK1228 | 1 | \$616.00 | 58\% | \$258.72 |
| UFLK1230 | Belimo |  | UFLK1230 | 1 | \$616.00 | 58\% | \$258.72 |
| UFLK1232 | Belimo | Retro Kit, 2W 10 Bray 40441 SY6 | UFLK1232 | 1 | \$616.00 | 58\% | \$258.72 |
| UFLK1234 | Belimo | Retro Kit, 2W 12 Bray $40 / 41$ sY7 | UFLK1234 | 1 | \$672.00 | 58\% | \$282.24 |
| UFLK1236 | Belimo | Retro ft , 2 W 14 Bray 4041 SY8 | UFLK1236 | , | \$672.00 | 58\% | \$282.24 |
| UFLK1238 | Beimo | Retro Kt, 2W 16 Bray 404/1 sy9 | UFLK1238 | 1 | \$864.00 | 58\% | \$362.88 |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Inctlled], Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integr
products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other sid device, which utilize certain etc.) to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated
platforms/systems.
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
a) Is certified by either the Associated Air Balance Councii Bureau- AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arrington,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenance of Integrated Microprocessor-Based HVAC Equipment;

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs showers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
. Factory Installed/Factory-Provided micro-processor--controlled included/
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
B. General Purpsen, Telecommicai.s, Ner.

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)'
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Istalled], Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and . commission and which are integr
products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other sivil device, which utilize certain etc.) to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated
platforms/systems.
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
a) Is certified by either the Associated Air Balance Council Bureau - AABC,Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arington,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenance of Integrated Microprocessor-Based HVAC Equipment;

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs ,
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
Factory Installed/Factory-Provided micro-processor--controlled included pump, remote I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted Inctiled], Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integr
products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), andor other sind device, which utilize certain ped etc.) to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated
platforms/ysstems.
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
a) Is certified by either the Associated Air Balance Council Bureau - AABC,Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arington,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenance of Integrated Microprocessor-Based HVAC Equipment;

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs ,
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
Factory Installed/Factory-Provided micro-processor-controlled included pump, remote I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
. General Purposin, Telecommunicain, Ner.

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency
B. To identify an individual(s)' location in the event of a fire or emergency.

|  | Belimo | Product Desaripion | Product Code | $\begin{gathered} \text { "Warranty Period - \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54 \text { " } \end{gathered}$ |  |  | NVS Nat Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | List Price |  |  |
| UFLK2916 | Beimo | Retro Kit, 2W 4 - Nibco Lo2WD2 w/ $2 \cdot \mathrm{CM}$ | UFLK<2916 | 1 | \$445.00 | 58\% | $\$ 178.50$ $\$ 178.50$ |
| UFLK2942 | Beimo | Retro Kit, 2W 2 Niboo LD2WD2 SY1 | UFLK2942 | 1 | \$672.00 | 58\% | \$\$778.50 |
| UFLK2944 | Beimo |  | UFLK2944 | 1 | \$672.00 | 58\% | \$282.24 |
| UFLK2946 | Beimo |  | UFLK2946 | 1 | \$672.00 | 58\% | \$282.24 |
| UFLK2948 | Beimo | Retro Kit, 2W 3 Niboo LD2WD2 SY2 | UFLK2948 | 1 | \$626.00 | 58\% | \$262.92 |
| UFLK2950 | Belimo | Retro Kit, 2W 4 Nibco LD2WD2 SY2 | UFLK2950 | 1 | \$612.00 | 58\% | \$257.04 |
| UFLK2952 | Belimo | Retro okt, 2W 6 Nibco LD2 WD2 SY3 | UFLK2952 | 1 | \$612.00 | 58\% | \$257.04 |
| UFLK2954 | Beimo |  | UFLK2954 | 1 | \$598.00 | 58\% | \$251.16 |
| UFLK2956 | Belimo | Retro Kt, 2W 10 Nibco LD2WD2 SY4 | UFLK2956 | 1 | \$624.00 | 58\% | \$262.08 |
| UFLK2958 | Beimo | Reto Kt, 2W 12 Niboo LD2WD2 SY7 | UFLK2958 | 1 | \$792.00 | 58\% | \$332.64 |
| UFLK2960 | Beimo | Retro Kit, 2 W 16 Nibco LD2WD2 SY8 | UFLK2960 | 1 | \$792.00 | 58\% | \$332.64 |
| UFLK2962 | Beimo | Retro Kt, 2W 18 Niboo LD2WD2 SY8 | UFLK2962 | 1 | \$792.00 | 58\% | \$332.64 |
| UFLK2964 | Belimo | Retro Kt, 2W 20 Nibo LD2WD2 SY9 | UFLK2964 | 1 | \$1,288.00 | 58\% | \$540.96 |
| UFLK2966 | Belimo | Retro Kit, 2 W 24 Nibco Lo2W W 2 SYY1 | UFLK2966 | 1 | \$864.00 | 58\% | \$362.88 |
| UFLK2968 | Beimo | Retro Kt, 2 W 16 Niboo LD2WD2 SY8 | UFLK2968 | 1 | \$1,288.00 | 58\% | \$540.96 |
| UFLK3100 | Beimo | Reto Kit, 2W 2 " PDC Fig 27 Lined wGM | UFLK3100 | 1 | \$396.00 | 58\% | \$166.32 |
| UFLK3102 | Beimo | Refro Kt, 2 l 2 2 PDC Fig 27 Lined w2'AF | UFLK3102 | 1 | \$554.00 | 58\% | \$232.68 |
| UFLK3108 | Belimo |  | UFLK3108 | 1 | \$368.00 | 58\% | \$154.56 |
| UFLK3122 | Beimo | Retro kt. 2W 2 PDC 27 SY1 | UFLK3122 | 1 | \$672.00 | 58\% | \$282.24 |
| UFLK3124 | Belimo | Retro Kit. 2 W 2 PDC 27 S $\mathrm{Y}^{2}$ | UFLK3124 | 1 | \$672.00 | 58\% | \$282.24 |
| UFLK3126 | Beimo | Retro Kit, 2W 4 PDC 27 S ${ }^{\text {\% }}$ | UFLK3126 | 1 | \$616.00 | 58\% | \$258.72 |
| UFLK3128 | Beimo | Retro Kit, 2 W 5 PDC 27 SY 3 | UFLK3128 | 1 | \$672.00 | 58\% | \$282.24 |
| UFLK3130 | Belimo | Retro Kit, 2 W 6 PDC 27 SY 3 | UFLK3130 | 1 | \$616.00 | 58\% | \$258.72 |
| UFLK3132 | Belimo | Retro Kit, 2 W 12 PDCC 27 SY6 | UFLK3132 | 1 | \$598.00 | 58\% | \$251.16 |
| UFLK3200 | Belimo |  | UFLK3200 | 1 | \$400.00 | 58\% | \$168.00 |
| UFLK3202 | Belimo | Retro Kt, $2 \mathrm{~W} 2^{2}$ Ormaster $42744 \mathrm{~W} 2^{2}$ AF | UFLK302 | 1 | \$600.00 | 58\% | \$252.00 |
| UFLK3208 | Belimo | Retro Kt. 2 LW 3" armaster 4244 Gm | UFLK3208 | 1 | \$400.00 | 58\% | \$168.00 |
| UFLK3210 | Belimo | Retro Kt, 2W 3" Ormaster $42744 \mathrm{w} 2^{2}$ AF | UFLK3210 | 1 | \$600.00 | 58\% | \$252.00 |
| UFLK3216 | Beimo | Retro Kt, 2W 4' armasier $42744 \mathrm{w} / 2^{2} \mathrm{Gm}$ | UFLK3216 | 1 | \$600.00 | 58\% | \$252.00 |
| UFLK3246 | Belimo | Retro Kit, 2 W 2.5 atmasier 42/44 SY1 | UFLK3246 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK3248 | Beimo |  | UFLK3248 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK3250 | Belimo |  | UFLK3250 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK3252 | Belimo | Retro Kit, 2W 4 atmaster $22 / 44$ SY2 | UFLK325 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK3254 | Belimo | Retro Kit, 2 W 5 atmasier $22 / 44 \mathrm{SY} 3$ | UFLK3254 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK3256 | Belimo | Retro oki, 2W 6 armasier 2244 SY4 | UFLK3256 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK3258 | Beimo | Retro Kit, 2W 8 Ormasterer $2244 \mathrm{SY4}$ | UFLK3258 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK3260 | Belimo | Retoro Kt, 2W 10 Otrmaster 42744 SY6 | UFLK3260 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK3262 | Belimo | Retro Kit, 2W 12 OtrMaster 22744 SY7 | UFLK3262 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK3264 | Belimo |  | UFLK3264 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK3266 | Belimo | Retro Kt, 2W 16 CtMMaster 42744 SY8 | UFLK3266 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK3268 | Belimo | Retro Kt, 2W 18 CtMMaster 42744 SY9 | UFLK3268 | 1 | \$864.00 | 58\% | \$362.88 |
| UFLK3270 | Belimo | Retro Kit, 2 W 20 Otrmaster 22444 SY10 | UFLK3270 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK3300 | Belimo | Retro Kit, 2W 2 " Victaulic V -300 W/AF | UFLK3300 | 1 | \$396.00 | 58\% | \$166.32 |
| UFLK3308 | Belimo | Rete Kit, 2 W 2.5 V Victauic V-300 w/ AF | UFLK308 | 1 | \$403.00 | 58\% | \$169.26 |
| UFLK3310 | Beimo |  | UFLK3310 | 1 | \$396.00 | 58\% | \$166.32 |
| UFLK3316 | Belimo |  | UFLK3316 | 1 | \$425.00 | 58\% | \$178.50 |
| UFLк3338 | Beimo | Retro Kit, 2 W 2 Vic 300 (OId S Stye) SY1 | U¢LK3388 | 1 | \$672.00 | 58\% | \$282.24 |
| UFLK3340 | Belimo | Retro Kit, $2 \mathrm{~W} \mathbf{3}$ Vic 300 (old Stye) SY1 | UFLK3340 | 1 | \$672.00 | 58\% | \$282.24 |
| UFLK3342 | Belimo | Reto Kit, 2 W 2 V Vic 300 (OId S Stye) SY2 | UFLK3342 | 1 | \$672.00 | 58\% | \$282.24 |
| UFLK3344 | Beimo | Retro Kit, $2 \mathrm{~W} \mathbf{3}$ Vici 300 (OId Style) SY2 | UFLK3344 | 1 | \$712.00 | 58\% | \$299.04 |
| UFLK3346 | Beimo | Retro Kit, 2 W 4 Vicic 300 (IOd Style) SY2 | UFLK3346 | 1 | \$672.00 | 58\% | \$282.24 |
| UFLKз348 | Beimo | Retro Kit, 2 W 5 Vicic 300 (Old Stye) SY2 | UFLK3348 | 1 | \$672.00 | 58\% | \$282.24 |
| UFLK3350 | Belimo | Retro kit, 2 W 6 V Vic 300 (OId S Stye) SY3 | UFLK3350 | 1 | \$682.00 | 58\% | \$286.44 |
| UFLK3352 | Beimo | Retro Kit, 2 W 8 Vic 300 (OId Style SY4 | UFLK3352 | 1 | \$672.00 | 58\% | \$282.24 |
| UFLK3354 | Belimo | Retro Kit, 2W 10 Vic 300 (IId Stye) SY4 | UFLK3354 | 1 | \$672.00 | 58\% | \$282.24 |
| UFLK3356 | Belimo | Retro Kit, 2W 12 Vic 300 (0ld Stye) SY4 | UFLK3356 | 1 | \$598.00 | 58\% | \$251.16 |
| UFLK3400 | Beimo | Reto okt, 2W 2 " Watts DBF w/ SGL GM | UFLK3400 | 1 | \$600.00 | 58\% | \$252.00 |
| UFLK3402 | Beimo | Retro Kit, 2W 2 "Wats DBF W $/ 2 \cdot \mathrm{AF}$ | UFLK3402 | 1 | \$600.00 | 58\% | \$252.00 |
| UFLKз408 | Beimo |  | UFLK3488 | 1 | \$400.00 | 58\% | \$168.00 |
| UFLK3426 | Belimo | Retro Kti, 2W 3 Wats DBF SY1 | UFLK3226 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK3428 | Belimo | Retro Kit, 2W 3 Wats DBF SY2 | UFLK3228 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK3430 | Belimo | Retro Kit, 2W 4 Wats DBF SY2 | U¢Lкз330 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK3432 | Belimo |  | UFLK3332 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK3334 | Belimo | Retro Kt L $2 \mathrm{2W} 8$ Wats DBF SY4 | UFLK3334 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK3436 | Beimo | Retro Kt. 2 W 10 Watts DBF SY4 | UFLKз336 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLкз438 | Beimo | Refro Kt, 2W 14 Watts DBF SY6 | UFLKз388 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK3500 | Belimo | Retro Kit, $2 \mathrm{~W} 2 \cdot 3 \cdot 3^{4}$ Cntrine C200 Ratp AF | UFLK3500 | 1 | \$268.00 | 58\% | \$112.56 |
| UFLK3502 | Beimo |  | UFLK3502 | 1 | \$554.00 | 58\% | \$232.68 |
| UFLK3508 | Belimo | Retro Kt, 2W 4" Contree C200 dit Gux2 | UFLK308 | 1 | \$425.00 | 58\% | \$178.50 |
| UFLK3538 | Belimo | Retro Kt, 2W 3 Centerln c200 crit SY1 | UFLK3538 | 1 | \$625.00 | 58\% | \$262.50 |
| UFLK3540 | Belimo | Retro Kt, 2W 3 Cenetern cr20 ritp SY2 | UFLK3540 | 1 | \$672.00 | 58\% | \$282.24 |
| UFLK3542 | Beimo | Retro Kt, 2W 4 Ceneerch c200 rtip SY2 | UFLK3542 | 1 | \$672.00 | 58\% | \$282.24 |
| UFLK3544 | Beimo | Retro Kt, 2W 6 Cenetern c200 rtip SY3 | UFLK3544 | 1 | \$650.00 | 58\% | \$273.00 |
| UFLK3466 | Belimo | Retro Kit, 2W 8 Ceneterln C200 ritp SY4 | UFLK3546 | 1 | \$625.00 | 58\% | \$262.50 |
| UFLK3548 | Beimo | Retro Kit, 2 W 10 Centereln c200 ritip SY4 | UFLK3548 | 1 | \$695.00 | 58\% | \$291.90 |
| UFLK3550 | Beimo | Retro Kit, 2 W 14 Centerth c200 ratip SY5 | UFLK3550 | 1 | \$616.00 | 58\% | \$258.72 |
| UFLK3552 | Belimo | Retro Kt, 2 W 16 Ceneerth c200 ratip SY7 | UFLK355 | 1 | \$770.00 | 58\% | \$323.40 |
| UFLK3554 | Beimo | Retro Kt, 2 L 18 Ceneerth c200 ratip SY8 | UFLK354 | 1 | \$792.00 | 58\% | \$332.64 |
| UFLK3556 | Beimo | Retro Kt, 2 W 20 Ceneerch $\mathbf{C 2 0 0}$ ditp SY8 | UFLK3566 | 1 | \$712.00 | 58\% | \$299.04 |
| UFLK3558 | Beimo | Retro otit, 2W 24 Cenlertn c200 ratp sy10 | UFLK3558 | 1 | \$1,252.00 | 58\% | \$525.84 |
| UFLK3600 | Belimo | Retro Kit, 3W 2 2-2.2.5 Gruvk Fig7700 Gm | UFLK3600 | 1 | \$400.00 | 58\% | \$168.00 |
| UFLK3602 | Beimo | Rearo Kit, 3W 2 2-3'GGruvok Fig700 Dul | UFLK3602 | 1 | \$600.00 | 58\% | \$252.00 |
| UFLK3608 | Beimo |  | UFLK3008 | 1 | \$600.00 | 58\% | \$252.00 |
| UFLK3622 | Belimo | Retro kt , 2 W 3 Challenger CH100 SY1 | UFLK362 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK3624 | Beimo | Reto $\mathrm{ft}$,2 W 3 Chalenger CH100 SY2 | UFLK362 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK3626 | Beimo | Reto Kt , 2W 4 Challenger CH100 SY2 | UFLK3626 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK3628 | Beimo | Retro Kt , 2 W 6 Challenger CH100 SY3 | UFLK3628 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK3630 | Belimo | Rero Kit, 2 W 8 Chalenger CH100 SY4 | UFLK3630 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK3632 | Belimo | Retro Kit, 2W 10 Challengeo CH100 SY4 | UFLK3632 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK6364 | Beimo | Retoro Kit, 2W 12 Chalenger CH100 SY5 | UFLK3634 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK3700 | Belimo | Retro okt, 2W 2 'GGuvok $7700 \mathrm{w} / \mathrm{Gm}$ | UFLK3700 | 1 | \$400.00 | 58\% | \$168.00 |
| UFLKз702 | Beimo | Retro Kit, 2W 2 2-3" Gruvok 7 700 AFGMx 2 | UFLK3702 | 1 | \$400.00 | 58\% | \$168.00 |
| UFLK3708 | Beimo | Retro otit, 2W 4-Gruvo 7770 Gnx2 | UFLK3708 | 1 | \$400.00 | 58\% | \$168.00 |
| UFLK3726 | Beimo | Rearo Kit, 2 3 3 Gruvk 7700 (-202) SYY | UFLK3726 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK3728 | Belimo | Refro Kit, 2W 3 Gruvk 7700 (-202)SY2 | UFLK<3728 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLкз730 | Beimo |  | U¢Lк3730 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK7372 | Belimo | Retro Kt, 2W 5 Gruvk 7700 (-202)/8Y3 | UFLK732 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK3734 | Belimo | Reto o Kt, 2W 6 Gruvk 7700-(-202)SY4 | UFLK734 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLKz736 | Beimo | Retro Kit, 2W 10 Gruvk 77700 (-2022) SY 5 | U¢டкз736 | 1 | \$800.00 | 58\% | \$336.00 |
| บFLK\%738 | Beimo | Retro Kit, 2W 12 Gruvk 77700 (-2022)sY7 | U¢டкз738 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK3740 | Beimo | Retro Kit. 2 L 2 Guuvk 7700 (2003.GM | UFLKз70 | 1 | \$400.00 | 58\% | \$168.00 |
| UFLK3742 | Belimo |  | UFLK3742 | 1 | \$450.00 | 58\% | \$189.00 |
| UFLK3744 | Beimo | Refro Kt, 2W 2.5 Gruvk 7700 (2033.)SY1 | UFLK374 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK3746 | Belimo | Retro Kit, 2W 2 Gruvk 7700 (2003).SY2 | UFLK3746 | 1 | \$800.00 | 58\% | \$336.00 |

The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Istalled], Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integr
products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP) and/or other si etc.) to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated
platforms/ysstems.
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
a) Is certified by either the Associated Air Balance Councii Bureau- AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arrington,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenance of Integrated Microprocessor-Based HVAC Equipment;

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs ,
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he

Factory Installed/Factory-Provided micro-processor--controlled included/c, remote I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
A. General Purpse I, Telecommumicaios, Neworlig Caing,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency
B. To identify an individual(s)' location in the event of a fire or emergency.

|  | Belimo | Product Desaripion |  | $\begin{gathered} \text { "Warranty Period - \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause 54" } \end{gathered}$ | Lsit Price |  | NVS Nat Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |
| UFLK3750 | Beimo | Retro Kt. 2 W 6 Gruvk 7700 (2003).SY4 | UFLK<3750 | 1 | \$8800.00 | 58\% | $\$ 336.00$ $\$ 336.00$ |
| UFLK3752 | Beimo | Retro Kt, 2 W 8 Gruvk 7000 (2003).SY4 | UFLK3752 | 1 | \$800.00 | 58\% | \$336.00 $\$ 33600$ |
| UFLK3754 | Beimo | Refro Kit, 2W 10 Gruvk 7700 (2003.).SY5 | UFLK3754 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK3756 | Beimo | Retro Kit, 2W 12 Gruvik 7700 (2003.).SY7 | UFLK3766 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK3800 | Beimo | Retro Kit, $2 \mathrm{~W} 5^{\text {" }}$ Meralale 2000 OGG Dul | UFLK3800 | 1 | \$400.00 | 58\% | \$168.00 |
| UFLK3802 | Belimo |  | UFLK3802 | 1 | \$600.00 | 58\% | \$252.00 |
| UFLK3808 | Belimo | Retro Kit, 2 W 20 armasier 22444 SY10 | UFLK3808 | 1 | \$600.00 | 58\% | \$252.00 |
| UFLK3814 | Beimo |  | UFLK3814 | 1 | \$600.00 | 58\% | \$252.00 |
| UFLK3818 | Belimo | Retrofit Kt, 3W 18 Belimo HS SY8 | UFLK3818 | 1 | \$560.00 | 58\% | \$235.20 |
| UFLK3824 | Beimo | Retro Kit, 2 W 3 Meratilex 200wog sy1 | UFLK3824 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK3826 | Beimo |  | UFLK3826 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK3828 | Beimo | Retro Kit, 2 W 4 Metaralex 200wog sy2 | UFLK3828 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK3830 | Belimo | Retro Kt, 2 W 5 M Meralalex 200WOG SY2 | UFLK3830 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK3832 | Belimo | Retro Kt, 2 W 6 Metralex 200WOG SY4 | UFLK3832 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLKз334 | Beimo | Retro Kit, 2 W 8 Metaralex 200wog SY4 | UFLK3834 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK3836 | Belimo | Retro Kt, 2W 10 Merallex 200WOG SY4 | UFLK3836 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLKз338 | Belimo | Retro Kit, 2W 12 Meratale 200WOG SY6 | UFLK3838 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK3900 | Belimo | Reforfit Kt , $2 \mathrm{~W} \mathbf{3}$ Belim HSU AMGM | UFLK3900 | 1 | \$254.00 | 58\% | \$106.68 |
| UFLK3904 | Belimo | Retroftikt, 2W 4 Belimo HSU GM | UFLK304 | 1 | \$254.00 | 58\% | \$106.68 |
| UFLK3905 | Belimo | Retro Kit, 2W $2^{\text {r M Miwauke MLW } / \text { SLL AF }}$ | UFLK3005 | 1 | \$338.00 | 58\% | \$141.96 |
| UFLK3908 | Beimo |  | UFLK3908 | 1 | \$350.00 | 58\% | \$147.00 |
| UFLK3910 | Beimo |  | UFLK3910 | 1 | \$350.00 | 58\% | \$147.00 |
| UFLK3912 | Belimo | Retroft K Lt, 2W 2 Eelimo HSU SY1 | UFLK3912 | 1 | \$560.00 | 58\% | \$235.20 |
| UFLK3918 | Belimo |  | UFLK3918 | 1 | \$586.00 | 58\% | \$246.12 |
| UFLK3920 | Belimo | Retrofit K Li, 2W 4 Belimo HSU SY2 | UFLK3220 | 1 | \$150.00 | 58\% | \$63.00 |
| UFLK3922 | Belimo | Retroftitit, 2W 5 Belimo HSU SY2 | UFLK3922 | 1 | \$150.00 | 58\% | \$63.00 |
| UFLк3924 | Belimo | Retrofit KI L, 2W 8 Belimo HSU SY2 | UFLK322 | 1 | \$586.00 | 58\% | \$246.12 |
| UFLK3926 | Belimo | Retrofit Kit, 2 W 10 Belimm HSU SY3 | UFLK3226 | 1 | \$586.00 | 58\% | \$246.12 |
| UFLK3928 | Beimo | Retrofit kt, 2W 12 Beimm HSU SY4 | UFLK3928 | 1 | \$150.00 | 58\% | \$63.00 |
| UFLK3930 | Belimo | Retrofitit, 2W 3 Belimo HS() AF | U¢LKз930 | 1 | \$246.00 | 58\% | \$103.32 |
| UFLK9396 | Belimo | Retrofit Kt, 2 W 2.5 Beilimo HS(U) 2 'AF | UFLK3936 | 1 | \$338.00 | 58\% | \$141.96 |
| UFLK9398 | Belimo | Retrofitit, 2 W 4 B Blimo HS(U) 2 'AF | UFLK3938 | 1 | \$338.00 | 58\% | \$141.96 |
| UFLK3970 | Belimo | Retroft kit, 2W 10 Belimo HS SY4 | UFLK3970 | 1 | \$150.00 | 58\% | \$63.00 |
| UFLK3976 | Belimo | Retroftikt, 2W 16 Belimo HS SY6 | UFLK3976 | 1 | \$586.00 | 58\% | \$246.12 |
| UFLK3978 | Belimo | Retrofit Kt, 2W 18 Belimo HS SY7 | UFLK3978 | 1 | \$754.00 | 58\% | \$316.68 |
| UFLK3980 | Beimo | Retofiti Ki, 2W 18 Beimo HS SY7 | UFLKз980 | 1 | \$754.00 | 58\% | \$316.68 |
| UFLK3982 | Belimo | Retroft kit, 2W 24 Belimo HS sy9 | UFLK3982 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK4002 | Beimo | Retro Kti, 3W $2^{2}$ Apollo $141 / 443 \mathrm{w} / 2 \cdot \mathrm{GM}$ | UFLK4002 | 1 | \$750.00 | 58\% | \$315.00 |
| UFLK0036 | Belimo | Retro Kt, 3W 2 Apoll $141 / 1 / 43$ SY2 | UFLK0036 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK0038 | Belimo | Retro Kt, 3W 4 Applo $141 / 1 / 43$ SY3 | UFLK4038 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK4040 | Belimo | Retro Kt, 3W 6 Apolo $141 / 1 / 43$ SY4 | UFLK4040 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK6042 | Belimo | Retro Kit, 3W 8 Apoll $141 / 1 / 43$ SY5 | UFLK4042 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK9094 | Belimo | Retro okt, 3W 10 Apoll $141 / 143$ SY6 | UFLK4044 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK4046 | Belimo | Retro Kit, 3W 12 Apoll $141 / 143$ SY7 | UFLK4046 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK048 | Belimo | Retro Kit, 3 W 14 Apollo 14/1/43 SY8 | UFLK4048 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK4050 | Belimo | Retero Kit, 3W 16 Apolol 141/143 SY9 | UFLK4050 | 1 | \$1,952.00 | 58\% | \$819.84 |
| UFLK4052 | Beimo | Retro Kit, 3W 18 Apolo $141 / 443$ SY11 | UFLK4052 | 1 | \$1,952.00 | 58\% | \$819.84 |
| UFLK4102 | Belimo |  | UFLK4102 | 1 | \$792.00 | 58\% | \$332.64 |
| UFLK4130 | Belimo | Retro otit, sW 2 bray 30/31 SY1 | UFLK4130 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK4132 | Beimo | Retro Kt, 3W 2.5 bray $30311 \mathrm{sy2}$ | UFLK4132 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK4134 | Beimo | Retro Kit, 3W 4 Bray 30311 s Y 3 | UFLK4134 | 1 | \$984.00 | 58\% | \$413.28 |
| UFLK4136 | Beimo | Reto Kit, sW 6 Bray 30/3 SY4 | UFLK4136 | 1 | \$996.00 | 58\% | \$418.32 |
| UFLK4138 | Belimo | Retro Kti, 3W 8 8ray 3031 SY Y | UfLK4138 | 1 | \$984.00 | 58\% | \$413.28 |
| UFLK4140 | Belimo | Retro Kt, 3W 10 Bray 3031 SY6 | UFLK4140 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK4142 | Belimo | Retro Kt, 3W 12 Bray 3031 SY7 | UFLK4142 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK4144 | Belimo | Retro Kt, 3W 14 Bray 3031 SY8 | UFLK4144 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK4146 | Beimo | Retro Kt, 3W 16 Bray 3031 SY9 | UFLK4146 | 1 | \$1,952.00 | 58\% | \$819.84 |
| UFLK4148 | Beimo | Retro Kt. 3 W 20 Bray 30313 SYY 2 | UFLK4148 | 1 | \$1,952.00 | 58\% | \$819.84 |
| UFLK4220 | Beimo |  | UFLK4200 | 1 | \$712.00 | 58\% | \$299.04 |
| UFLK4222 | Belimo | Retro otit, sw 4 Bray $40 / 41$ SY 3 | UFLK4222 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK4224 | Belimo | Retro otit, sw 6 Bray 40/41 SY4 | UFLK4224 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK4226 | Belimo | Retro otit, 3W 8 bray 40441 SY5 | UFLK4226 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK4228 | Belimo | Retro Kt, 3W 10 Bray 4041 SY7 | UFLK4228 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK4230 | Belimo | Retro Kt, 3W 12 Bray 4041 SY8 | UFLK4230 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK4232 | Beimo | Retro Kt. 3 W 148 Bray 40411 SY10 | UFLK4232 | 1 | \$1,952.00 | 58\% | \$819.84 |
| UFLK4234 | Beimo | Retro Kit, 3W 16 Bray 40414 SY12 | UFLK4234 | 1 | \$1,952.00 | 58\% | \$819.84 |
| UFLK4300 | Belimo | Retro Kt, 3W 2" Ceneerln cr20 w / SLL GM | UFLK43300 | 1 | \$672.00 | 58\% | \$282.24 |
| UFLK4302 | Beimo | Retro Kit, $3 \mathrm{~W} 2^{\prime \prime}$ Centerth C200 w $/ 2 \cdot \mathrm{AF}$ | UFLK4302 | 1 | \$712.00 | 58\% | \$299.04 |
| UFLK4308 | Belimo |  | UFLK4308 | 1 | \$712.00 | 58\% | \$299.04 |
| UFLK4338 | Belimo | Retro Kit, 3 W 2 Centell C200 SqTop SY1 | UFLK4338 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK6340 | Belimo | Retro Kit, 3W 3 Centelt creo SqTop SY2 | UFLK¢380 | 1 | \$984.00 | 58\% | \$413.28 |
| UFLK6342 | Belimo | Retro Kit, 3W 4 Centelt cr200 SqTop SY2 | UFLK6342 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLKя334 | Beimo | Retro Kit, 3 W 5 Centelln creo SqTop SY3 | U¢LK6344 | 1 | \$984.00 | 58\% | \$413.28 |
| UFLK<346 | Belimo | Retro Kit, 3 W 6 Centelln $\mathbf{C 2 0 0 0}$ SqTop SY4 | UFLK4346 | 1 | \$996.00 | 58\% | \$418.32 |
| UFLк6448 | Beimo | Reroro Kit, 3 W 8 Centerln $\mathrm{C200}$ SqTop SY4 | UFLK4348 | 1 | \$999.00 | 58\% | \$419.58 |
| UFLK4350 | Belimo | Retro Kit, 3W 10 Cenetern C200 SqTop SY5 | UFLK4350 | 1 | \$1,007.00 | 58\% | \$422.94 |
| UFLK4352 | Belimo | Retro Kt, 3W 14 Centerln cr20 SqTop SY7 | UFLK4352 | 1 | \$1,288.00 | 58\% | \$540.96 |
| UFLK4354 | Beimo | Retro Kit, 3W 16 Centerln cr20 SqTop SY8 | UFLK4354 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK4356 | Beimo | Retro Kt, 3W 18 Centerln cr200 SqTop SY9 | UFLK4356 | 1 | \$1,952.00 | 58\% | \$819.84 |
| UFLK4358 | Beimo | Retro Kt , 3 W 20 Centerln cr20 SqTp SY10 | UFLK4358 | 1 | \$1,952.00 | 58\% | \$819.84 |
| UFLK4400 | Belimo |  | UFLK4400 | 1 | \$672.00 | 58\% | \$282.24 |
| UFLK4002 | Beimo | Retro Kit, $3 \mathrm{~W} 2^{\prime \prime}$ Centerth $\mathrm{C} 225 \mathrm{w} / 2^{\text {A }}$ AF | UFLK4402 | 1 | \$712.00 | 58\% | \$299.04 |
| UFLK4336 | Belimo | Retro Kit, 3 W 2 Centell 2225 SqTop SY1 | UFLK436 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK4438 | Belimo | Retro Kit, 3W 2 Centelt ce225 SqTop SY2 | UFLK4438 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK4440 | Beimo | Retro Kit, 3W 4 Ceneeln C 225 SqTop SY3 | UFLK4440 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK4442 | Beimo |  | UFLK4442 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK4444 | Beimo | Retro Kit, 3W 6 Cenerell 0225 STTop SY4 | UFLK4444 | 1 | \$984.00 | 58\% | \$413.28 |
| UFLK4446 | Belimo | Retro Kt, 3 W 8 Centerln $\mathbf{C 2 2 5}$ SqTop SY5 | UFLK4446 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK4448 | Belimo | Retro Kit. 3W 10 Centerln C2255 SqTop SY7 | UFLK4448 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK4450 | Belimo | Retro kt, 3W 12 Cenetern C2255 SqTop SY8 | UFLK4450 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK4452 | Belimo | Retro Kt, 3W 14 Centerln C225 SqTop SY8 | UFLK4452 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK4454 | Belimo | Retro Kt, 3W 16 Centerln C225SqTp SY12 | UFLK4454 | 1 | \$1,952.00 | 58\% | \$819.84 |
| UFLK4502 | Beimo |  | UFLK4502 | 1 | \$750.00 | 58\% | \$315.00 |
| UFLK4508 | Beimo |  | UFLK4508 | 1 | \$750.00 | 58\% | \$315.00 |
| UFLK4514 | Belimo |  | UFLK4514 | 1 | \$750.00 | 58\% | \$315.00 |
| UFLK4520 | Beimo |  | UFLK4520 | 1 | \$750.00 | 58\% | \$315.00 |
| UFLK4532 | Belimo | Retro Kt, 3W 2 Chemtrol Model C SY2 | UFLK4532 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK4534 | Belimo | Retro Kt, 3 W 2.5 Chentrol Model C SY2 | UFLK4534 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK4536 | Beimo | Retro Kt, 3 W 3 Chemtrol Model C SY2 | UFLK4536 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK4538 | Beimo | Retro Kt, 3W 4 Chentrol Modele S SY | UFLK4538 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK4540 | Beimo | Retro Kt, 3W 6 Chentrol Modele C SY4 | UFLK4540 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK4542 | Belimo | Retro Kit, 3W 8 Chentrol M Model C SY5 | UFLK4642 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK4544 | Beimo | Retro Kit, 3W 10 Chemtrol Model C SY6 | UFLK4544 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK6600 | Belimo | Reto Kt, 3W 2 ' Dezurik BRS w/ SGL GM | UFLK4600 | 1 | \$750.00 | 58\% | \$315.00 |

The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory Morded HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integr
products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FISP), and/or other sind device, which utilize certain pod etc.) to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated
platforms/ysstems.
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
a) Is certified by either the Associated Air Balance Councii Bureau- AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arrington,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenance of Integrated Microprocessor-Based HVAC Equipment;

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs ,
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he

Factory Installed/Factory-Provided micro-processor--controlled included/c , remote I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
A. General Purpse I, Telecommumicaios, Neworkis Caing,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency
B. To identify an individual(s)' location in the event of a fire or emergency.

|  |  | oduct Dosacipition |  | "Warranty Period - \# of year(s) afteracceptance as required by Appendix B, Clause 54: | Lst Price |  | NvS Nat Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |
| UFLK6634 | Beimo |  | UFLK6634 | 1 | \$1750.00 | 58\% | $\$ 315.00$ $\$ 546.00$ |
| UFLK6636 | Beimo |  | UFLK4636 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK6638 | Beimo | Retro Kt, 3 W 6 Dezurik R8S SY4 | UFLK6638 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK6460 | Beimo | Retro kt, 3 W 8 D Dezuik krs sys | UFLK6640 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK6442 | Beimo | Retro Kt, 3W 10 Dezurik ERS SY7 | UFLK6642 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK6644 | Belimo | Retro Kt, 3W 12 Dezurik R8S sy8 | UFLK6644 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK6646 | Belimo | Retro Kt, 3W 14 Dezurik BRs sy9 | UFLK6646 | 1 | \$1,952.00 | 58\% | \$819.84 |
| UFLK6648 | Beimo | Retro Kt, 3W 16 Dezurik BRS SY12 | UFLK6648 | 1 | \$1,952.00 | 58\% | \$819.84 |
| UFLK4700 | Belimo | Retroft Kt, 3W 2 \% Fowseal 150 F wGM | UFLK4700 | 1 | \$560.00 | 58\% | \$235.20 |
| UFLK4702 | Beimo | Retrofit Kt, sw $2^{\prime \prime}$ Fowseal 150 F W $2^{2}$ A | UFLK4702 | 1 | \$754.00 | 58\% | \$316.68 |
| UFLK4708 | Belimo |  | UFLK4708 | 1 | \$754.00 | 58\% | \$316.68 |
| UFLK4734 | Beimo | Retrofit Kt, 3W 2.5 Fowseal 1LW SY2 | UFLK¢734 | 1 | \$936.00 | 58\% | \$393.12 |
| UFLK4736 | Belimo |  | UFLK4736 | 1 | \$936.00 | 58\% | \$393.12 |
| UFLK4738 | Belimo | Retoroftit, 3W 6 Flosseal LLW SY4 | UFLK4738 | 1 | \$936.00 | 58\% | \$393.12 |
| UFLK4740 | Beimo | Retrofitit, 3W 8 Flowseal LLW SY4 | UFLK¢740 | 1 | \$936.00 | 58\% | \$393.12 |
| UFLK4742 | Belimo | Retroft Kt, 3W 10 Fowseal ILW SY6 | UFLK4742 | 1 | \$936.00 | 58\% | \$393.12 |
| UFLK4744 | Belimo | Retrofit Kt, 3 SW 14 Fowseal 1 LW SY ${ }^{\text {S }}$ | UFLK6774 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK4746 | Belimo | Retroft Kt, 3W 16 Flowseal LLW SY9 | UFLK4746 | 1 | \$1,952.00 | 58\% | \$819.84 |
| UFLK4748 | Belimo | Retrofitit, 3W 18 Flowseal LLW SYY1 | UFLK4748 | 1 | \$1,952.00 | 58\% | \$819.84 |
| UFLK4750 | Belimo | Rerofitikt, 3W 20 Flowseal LLW SYY 2 | UFLK4750 | 1 | \$1,952.00 | 58\% | \$819.84 |
| UFLK4828 | Beimo | Retrofitit, 3W 2.5 Fowseal 3LW SY3 | UFLK4828 | 1 | \$936.00 | 58\% | \$393.12 |
| UFLK¢830 | Beimo | Retrofitit. 3 W 4 Flowseal 3LW SY4 | UFLK¢830 | 1 | \$936.00 | 58\% | \$393.12 |
| UFLK4832 | Belimo | Retorfitkt, 3 5 5 Flowseal 3LW SY4 | UFLK4832 | 1 | \$936.00 | 58\% | \$393.12 |
| UFLK8834 | Belimo | Retorfit Kt , 3W 6 Flowseal 3 LW SY4 | UFLK¢834 | 1 | \$936.00 | 58\% | \$393.12 |
| UFLK4836 | Belimo |  | UFLK\&836 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK4838 | Belimo | Reeroftit Kt, 3W 10 Fowseal 3LW SY8 | UFLK4838 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK6840 | Belimo | Retrofitit, 3W 12 Flowseal 3LW SYY 2 | UFLK4840 | 1 | \$1,952.00 | 58\% | \$819.84 |
| UFLK6842 | Belimo | Rerofitikt, 3W 14 Fiowseal 3LW SYY 2 | UFLK8842 | 1 | \$1,952.00 | 58\% | \$819.84 |
| UFLK4844 | Beimo | Retofilitit, 3W 3 Flowseal 3LW SY3 | UFLK4884 | 1 | \$936.00 | 58\% | \$393.12 |
| UFLK9900 | Belimo | Retro Kt. $3 \mathrm{~W} 2^{*}$ FNW 100022000 $/$ SGL GM | UFLK4900 | 1 | \$750.00 | 58\% | \$315.00 |
| UFLK9002 | Belimo | Retro Kit, 3W 2 ' FNW 10002200 W $/ 2 \cdot$ AF | UFLK4902 | 1 | \$750.00 | 58\% | \$315.00 |
| UFLK9936 | Beimo | Retro Ktit 3W 3 FNW 10002000 SY2 | UFLK9936 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK9938 | Belimo | Reto Kit, 3W 4 4 NW 10002000 SY3 | UFLK9938 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK9940 | Belimo | Retro Kt, $3 \mathrm{WW} 6 \mathrm{FNW} 1000 / 2000$ SY4 | UFLK9940 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK9942 | Belimo | Retro Ktit 3W 8 FNW 1000/2000 SY5 | UFLK9942 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK9944 | Beimo | Retro Kt, 3W 10 FNW 1000/200 SY7 | UFLK9944 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK9946 | Belimo | Retro Kt, 3W 12 FNW 10002200 SY8 | UFLK9946 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK9498 | Belimo | Retro Kt, 3W 14 14NW 10002200 SY9 | UFLK4998 | 1 | \$1,952.00 | 58\% | \$819.84 |
| UFLK9950 | Belimo | Rero Kt, 3W 16 FNW 1000/2000 SYY | UFLK4950 | 1 | \$1,952.00 | 58\% | \$819.84 |
| UFLK5000 | Belimo | Retro Kit. $3 \mathrm{~W} 2^{2}$ Hammond $61 / 62 \mathrm{w} /$ SGL GM | UFLK5000 | 1 | \$750.00 | 58\% | \$315.00 |
| UFLK5002 | Belimo | Retro Kt. $3 \mathrm{~W} 2^{\prime \prime}$ Hammond $61 / 162 \mathrm{~W} / 2^{2}$ AF | UFLK502 | 1 | \$750.00 | 58\% | \$315.00 |
| UFLK5022 | Belimo | Retro Kti, 3W 2 Hammond 61/62 SY1 | UFLK5022 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK5024 | Belimo | Retro Kt., 3W 3 Hammond 61/62 SY2 | UFLK5024 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK5026 | Belimo | Retro Kit, 3W 4 Hammond $61 / 62$ SY 3 | UFLK5026 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK5028 | Beimo | Retro Ktit, 3W 5 Hammond $61 / 62$ SY4 | UFLK5028 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK5030 | Belimo | Retro Kti, 3W 6 Hammond 61/62 SY4 | UFLK5030 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK5032 | Beimo | Retro Kit 3 W 8 H Hammond 6162 SY6 | UFLK5032 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK5034 | Belimo | Retro Kt, 3W 10 Hammond 61/62 SY7 | UFLK5034 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK5036 | Belimo | Retro Kt, 3W 12 Hammond 61/62 SY8 | UFLK5036 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK5100 | Beimo |  | UFLK5100 | 1 | \$672.00 | 58\% | \$282.24 |
| UFLK5102 | Beimo |  | UFLK5102 | 1 | \$792.00 | 58\% | \$332.64 |
| UFLK5130 | Beimo | Retro Kit, 3W 2 Johnson VFH SY1 | UFLK5130 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK5132 | Belimo | Retro Kt, 3W 2 Johnson VFH SY2 | UFLK5132 | 1 | \$984.00 | 58\% | \$413.28 |
| UFLK5134 | Beimo | Retro Kit, 3W 4 Johnson VFH SY3 | UFLK5134 | 1 | \$984.00 | 58\% | \$413.28 |
| UFLK5136 | Belimo | Retro Kit, 3W 6 Johnson VFH SY4 | UFLK5136 | 1 | \$1,007.00 | 58\% | \$422.94 |
| UFLK5138 | Belimo | Retro Kit, 3W 8 Johnson VFH SY5 | UFLK5138 | 1 | \$984.00 | 58\% | \$413.28 |
| UFLK5140 | Beimo | Retro Kt, 3W 10.0 Jonson VFH SY6 | UFLK5140 | 1 | \$984.00 | 58\% | \$413.28 |
| UFLK5142 | Beimo | Retro Kt, 3W 12. Johnson VFH SY7 | UFLK5142 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK5144 | Beimo | Retro Kt, 3 W 14 J Johnson VFH SY8 | UFLK5144 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK5146 | Belimo | Retro Kt, 3W 16 doonson VFH SY9 | UFLK5146 | 1 | \$1,952.00 | 58\% | \$819.84 |
| UFLK5148 | Beimo | Retro Kit, 3W 18 Johnson VFH SY11 | UFLK5148 | 1 | \$1,952.00 | 58\% | \$819.84 |
| UFLK5150 | Belimo | Retro Kit, 3W 20 Johnson VFH SY12 | UFLK5150 | 1 | \$1,952.00 | 58\% | \$819.84 |
| UFLK5200 | Belimo | Retro otit, 3W $2^{\prime \prime}$ Fig 222 w / SGL GM | UFLK5200 | 1 | \$588.00 | 58\% | \$246.96 |
| UFLK5202 | Belimo | Retro Kt, 3W 2 \% Fig $222 \mathrm{~W} / 2 \cdot \mathrm{AF}$ | UFLK5202 | 1 | \$792.00 | 58\% | \$332.64 |
| UFLK5224 | Beimo | Retro kt, 3W 3 Fig 222 Sy | UFLK522 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK5226 | Beimo | Refro Kt, 3W 4 Fig 222 sY3 | UFLK5226 | 1 | \$984.00 | 58\% | \$413.28 |
| UFLK5228 | Belimo | Retro Kt, 3W6 Fig $222 \mathrm{SY4}$ | UFLK5228 | 1 | \$986.00 | 58\% | \$414.12 |
| UFLK5230 | Beimo | Retro kit, 3 W 8 Fig 222 Sv5 | UFLK5230 | 1 | \$996.00 | 58\% | \$418.32 |
| UFLK5232 | Belimo | Retro Kt, 3 W 10 Fig $222 \mathrm{sy7}$ | UFLK532 | 1 | \$1,325.00 | 58\% | \$556.50 |
| UFLK5234 | Belimo | Retro Kt, 3 W 12 Fig $222 \mathrm{SY8}$ | UFLK534 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK5300 | Belimo |  | UFLK5300 | 1 | \$672.00 | 58\% | \$282.24 |
| UFLK5302 | Beimo | Retro Kt, 3W $2^{\prime \prime}$ AR1/AR2 w $/ 2^{\text {a }}$ AF | UFLK5302 | 1 | \$792.00 | 58\% | \$332.64 |
| UFLK¢332 | Beimo | Retro Kt, 3W 2 AR1/AR2SY1 | UFLK5332 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK5334 | Belimo | Retro Klt, 3W 3 AR1/AR2 SY2 | UFLK5334 | 1 | \$984.00 | 58\% | \$413.28 |
| UFLK5336 | Beimo | Retro Kit, 3W 4 AR1AAR2 SY3 | UFLK5336 | 1 | \$984.00 | 58\% | \$413.28 |
| UFLK5338 | Belimo | Retro Kt, 3W 5.6 ARI/AR2 SY4 | UFLK5338 | 1 | \$996.00 | 58\% | \$418.32 |
| UFLK5340 | Belimo | Retro Kt, 3W 8 AR1/AR2 SY5 | UFLK5340 | 1 | \$1,007.00 | 58\% | \$422.94 |
| UFLK5342 | Beimo | Reto okt, 3W 10 ARI/AR2 SY7 | UFLK5342 | 1 | \$1,288.00 | 58\% | \$540.96 |
| UFLK5344 | Beimo | Reto Kit, 3W 12 AR1/AR2 SY8 | UFLK5344 | 1 | \$1,288.00 | 58\% | \$540.96 |
| UFLK5346 | Beimo | Retro Kit, 3W 14 AR/I/AR2 SY9 | UFLK5346 | 1 | \$1,952.00 | 58\% | \$819.84 |
| UFLK5448 | Belimo | Retro Kit, 3W 16 ARTAAR2 Sy10 | UFLK5348 | 1 | \$1,952.00 | 58\% | \$819.84 |
| UFLK5350 | Beimo | Retro Kit, 3W 18 ART/AR2 SY12 | UFLK5350 | 1 | \$1,952.00 | 58\% | \$819.84 |
| UFLK5400 | Belimo | Retro Kt, $3 \mathrm{~W} 2.55^{\mathrm{k}}$ - -Lok $360362 \mathrm{w} / \mathrm{GM}$ | UFLK5400 | 1 | \$672.00 | 58\% | \$282.24 |
| UFLK5402 | Belimo |  | UFLK5402 | 1 | \$712.00 | 58\% | \$299.04 |
| UFLK5408 | Beimo | Retro Kt, 3W $3^{\text {" }}$ K-Lot $3603362 \mathrm{w} / 2 \cdot \mathrm{Gm}$ | UFLK5408 | 1 | \$712.00 | 58\% | \$299.04 |
| UFLK5414 | Beimo |  | UFLK5414 | 1 | \$712.00 | 58\% | \$299.04 |
| UFLK5440 | Beimo | Retro Kit, 3W 2.5 K -Lok 3601362 SY | UFLK5440 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK5442 | Belimo | Retro Kt, 3W 3 K-Lok 360336 SY2 | UFLK5442 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK544 | Belimo | Retro Kit, 3W 5 K -Lok 3603362 SY 3 | UFLK5444 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK5446 | Belimo | Retro Kt, 3 6 6 K -Lok 360362 SY4 | UFLK5446 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK5448 | Belimo | Retro Kt, 3 8 8 K -Lok 3603632 SY 4 | UFLK5488 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK5450 | Beimo | Retro Kt, 3W 10 K -Lok $3803362 \mathrm{SY4}$ | UFLK5450 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK5652 | Beimo | Reto oti, sw 12 K -Lot 3603362 SY6 | UFLK5452 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK5654 | Beimo | Reto Kit, sW 14 K -Lok 360362 SY7 | UFLK5454 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK5456 | Belimo | Reteo otit, 3w 16 K-Lot 360/362 Sy8 | UFLK5456 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK5658 | Beimo | Retero Kit , 3 W 18 8 K-Lok $3603362 \mathrm{sy9}$ | UFLK5458 | 1 | \$1,952.00 | 58\% | \$819.84 |
| UFLK5660 | Belimo | Retro otit, 3 W 20 K -Lot 3603362 SY 1 | UFLK5660 | 1 | \$1,952.00 | 58\% | \$819.84 |
| UFLK5662 | Belimo |  | UFLK5662 | 1 | \$1,952.00 | 58\% | \$819.84 |
| UFLK5526 | Beimo | Retro Kt, 3W 2.5 K -Lok 370372 2 SY | UFLK5526 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK5528 | Beimo | Retro Kt, 3W 3 K-LLok 3701372 SY4 | UFLK5528 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK5530 | Beimo | Retro Kt, 3 W 5 K -Lok $3703372 \mathrm{SY4}$ | UFLK5530 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK5532 | Belimo | Retro Kt, 3 6 6 K -Lok $3703372 \mathrm{SY4}$ | UFLK5532 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK5534 | Beimo | Retro Kt, 3W 8 \% K-Lok 3703372 Sy8 | UFLK5534 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK5536 | Belimo | Retro Kt, sw 10 K-Lok 3703372 SY8 | UFLK5536 | 1 | \$1,226.00 | 58\% | \$514.92 |

The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory Morted HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integr
products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other $\boldsymbol{s}$, Bed etc.) to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated
platforms/ysstems.
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
a) Is certified by either the Associated Air Balance Councii Bureau- AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arrington,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenance of Integrated Microprocessor-Based HVAC Equipment;

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs ,
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he

Factory Installed/Factory-Provided micro-processor--controlled included / remote I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
. General Purpse IN, Telecommumicaios, Neworkig Caing,
A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency
B. To identify an individual(s)' location in the event of a fire or emergency.

| Mose Number |  | Product Descriplion | Protuct Code | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54 " | List Price | \% Discount | Nss Net Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| UFLK5538 | Beimo | Reto okt, 3W 12 K-LLo 3703372 SY1 | UFLK5588 | 1 | \$1,952.00 | 58\% | $\$ 819.84$ |
| UFLK5540 | Beimo |  | UFLK5540 | 1 | \$1,952.00 | 58\% | \$819.84 |
| UFLK5600 | Beimo | Retro Kt, 3W 2 - Miwauke CLw/ $/$ SLL L M | UFLK5600 | 1 | \$672.00 | 58\% | \$282.24 |
| UFLK5602 | Beimo | Retro Kt , 3W $2^{\prime \prime}$ Minwauke $\mathrm{CL} / \mathrm{W} / 2^{*} \mathrm{AF}$ | UFLK5602 | 1 | \$772.00 | 58\% | \$299.04 |
| UFLK5608 | Beimo | Retro Kt, 3W 4. Mivaukee CLw 2 ' $\mathrm{Gm}^{\text {a }}$ | UFLK5608 | 1 | \$712.00 | 58\% | \$299.04 |
| UFLK5622 | Beimo | Retro Kit, 3W 2.5 M M Mwakee CL Sy1 | UFLK5622 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK6624 | Belimo | Retro Kt, 3W 2 Milwauke CL SY2 | UFLK5624 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK6526 | Belimo | Retro Kt, 3W 5 Milwauke CL sY3 | UFLK5626 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK5628 | Beimo | Retro Kt, 3 W 6 Miwauke CL SY4 | UFLK5628 | 1 | \$984.00 | 58\% | \$413.28 |
| UFLK6530 | Beimo | Retro Kt, 3W 8 miwauke CL LSY4 | UFLK5630 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK6632 | Beimo | Retro Kt, 3W 10 Mivaukee CLSY6 | UFLK5632 | 1 | \$984.00 | 58\% | \$413.28 |
| UFLK6534 | Beimo | Retro Kit, 3W 12 Milwauke C C Sr7 | UFLK6534 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK5770 | Beimo | Reto Kit, 3W 2 ' Mimaukee ML w/ Scl gm | UFLK5700 | 1 | \$560.00 | 58\% | \$235.20 |
| UFLK5702 | Belimo | Retro Kit, 3W $2^{\text {a }}$ Milwauke ML W $2^{\text {a }}$ AF | UFLK5702 | 1 | \$754.00 | 58\% | \$316.68 |
| UFLK5708 | Belimo |  | UFLK5708 | 1 | \$754.00 | 58\% | \$316.68 |
| UFLK5732 | Beimo | Retro Kit, 3W 2.5 Miwaukee ML SY1 | ufk6732 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK5734 | Beimo | Retro Kt. 3 W 2 M Miwauke ML LSY2 | UFLK5734 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK5736 | Beimo |  | UFLK5736 | 1 | \$984.00 | 58\% | \$413.28 |
| UFLK5738 | Belimo | Retro Kt, 3W 6 Milwauke ML S. SY4 | UFLK5738 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK5740 | Belimo | Retro Kt, 3W 8 M Miwauke ML. SY4 | UFLK5740 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK5742 | Belimo | Retro Kt, 3W 10 Miswakee ML. Sy6 | UFLK5742 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK5744 | Beimo | Retro Kt, 3W 12 Miswakee ML. Sy7 | UFLK574 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK5746 | Beimo | Retro Kt, 3W 14 Mivaukee ML Sy8 | UFLK5746 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK5748 | Beimo | Retro Kt, 3W 16 Mivaukee ML. Sy9 | UFLK5748 | 1 | \$1,952.00 | 58\% | \$819.84 |
| UFLK5750 | Beimo | Retro Kit, 3W 20 Miwauke ML LYY11 | UFLK5750 | 1 | \$1,952.00 | 58\% | \$819.84 |
| UFLK5800 | Beimo | Retro Kt, 3W 2 ' Muelere 6566 w / SGL GM | UFLK5800 | 1 | \$750.00 | 58\% | \$315.00 |
| UFLK5802 | Beimo | Retro Kit, 3W $2^{2}$ Mueller $55 / 66 \mathrm{~W} / 2^{*} \mathrm{AF}$ | UFLK5602 | 1 | \$750.00 | 58\% | \$315.00 |
| UFLK5834 | Belimo | Retro Kt, 3W 3 Muelere 6566 SY2 | UFLK5834 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK5836 | Belimo | Retro Kit, 3W 4 Muelere 6566 SY3 | UFLK5836 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK5838 | Beimo | Retro Kt, 3W 6 Muelere 6566 SY4 | UFLK5538 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK5840 | Beimo | Retro Kt, 3W 8 Muelere 65666 SY5 | UFLK5840 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK5842 | Beimo | Retro Kt, 3W 10 Mullere 5566 SY7 | UFLK5842 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK5844 | Belimo | Retro Kt, 3W 12 Muelerer 5566 SY8 | UFLK5844 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK546 | Belimo | Retro Kit, 3 l 14 Muelerer 5566 SY9 | UFLK5846 | 1 | \$1,952.00 | 58\% | \$819.84 |
| UFLK5900 | Belimo |  | UFLK5900 | 1 | \$588.00 | 58\% | \$246.96 |
| UFLK5902 | Belimo | Retro Kt, 3W $2^{2}$ Nibcol Lorwor w 2 ' AF | UFLK5902 | 1 | \$712.00 | 58\% | \$299.04 |
| UFLK5910 | Beimo |  | UFLK5990 | 1 | \$792.00 | 58\% | \$332.64 |
| UFLK5942 | Beimo | Retro okt, 3W 2 Nibco LD2WD2 SY2 | UFLK5942 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK5944 | Beimo | Retro Kt, 3W 2.5 Nibcol L2 $2 \mathrm{WD2}$ SY2 | UFLK5994 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK5946 | Belimo |  | UFLK5996 | 1 | \$984.00 | 58\% | \$413.28 |
| UFLK5948 | Beimo | Retro Kit, 3W 6 Nibo LD2WD2 SY4 | UFLK5948 | 1 | \$984.00 | 58\% | \$413.28 |
| UFLK5950 | Belimo | Retro Kit, 3W 8 Niboc LD2WD2 SY6 | UFLK5950 | 1 | \$996.00 | 58\% | \$418.32 |
| UFLK5952 | Belimo | Retro Kt, 3W 10 Nibco LD2WD2 SY6 | UFLK5952 | 1 | \$984.00 | 58\% | \$413.28 |
| UFLK5954 | Belimo | Retro Kt. 3W 12 Niboco LD2WD2 SY8 | UFLK5954 | 1 | \$1,288.00 | 58\% | \$540.96 |
| UFLK5956 | Beimo | Retro Kt, 3W 14 Niboo LD2WD2 SY8 | UFLK5956 | 1 | \$2,050.00 | 58\% | \$861.00 |
| UFLK5958 | Beimo | Retro Ki, 3W 16 Nibco LD2WD2 SY9 | UFLK5958 | 1 | \$1,952.00 | 58\% | \$819.84 |
| UFLK5980 | Beimo | Retro Kt, 3W 18 Niboc Lo2WD2 2 SY10 | UFLK5980 | 1 | \$1,952.00 | 58\% | \$819.84 |
| UFLK5962 | Beimo | Retro Kit, 3 W 20 Niboo Lo2 WD2 SYY 2 | UFLK5962 | 1 | \$1,952.00 | 58\% | \$819.84 |
| UFLK6100 | Belimo | Retro Kit, 3W $2^{\prime \prime}$ PPC Fig 27 Lined W GM | UFLK6600 | 1 | \$672.00 | 58\% | \$282.24 |
| UFLK6102 | Belimo | Retro Kt, 3W $2^{\prime \prime}$ PDC - Fig 27 Lined $2^{2}$ AF | UFLK6602 | 1 | \$712.00 | 58\% | \$299.04 |
| UFLK6122 | Beimo | Retro Kt, 3W 3 PDC 27 S $\mathrm{Y}^{2}$ | UFLK6122 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK6124 | Beimo | Retro Kit, 3W 4 PDC 27 SY 3 | UFLK66124 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK6126 | Beimo | Retro Kit, 3W 5 PDC 27 SY4 | UFLK6126 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK6128 | Beimo | Retro Kit, 3W 6 PDC 27 SY4 | UfLK6128 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK6130 | Beimo | Retro Kit, 3W 8 PDC 27 SY4 | UFLK6130 | 1 | \$996.00 | 58\% | \$418.32 |
| UFLK6132 | Belimo | Retro Kt, 3W 10 PDC 27 SY6 | UfLK6632 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK6134 | Belimo | Retro Kit, 3W 12 PDC 27 SY7 | UFLK6134 | 1 | \$1,288.00 | 58\% | \$540.96 |
| UFLK6200 | Beimo |  | UFLK6200 | 1 | \$750.00 | 58\% | \$315.00 |
| UFLK6202 | Beimo | Retro Kt, 3W $2^{\prime \prime}$ armaster $22444 \mathrm{w}^{2}$ AF | UFLK6202 | 1 | \$750.00 | 58\% | \$315.00 |
| UFLK6210 | Beimo | Retro Kt, 3W 3" CatMaster $42744 \mathrm{w} \mathbf{2}^{\circ} \mathrm{Gm}$ | ufLK6210 | 1 | \$750.00 | 58\% | \$315.00 |
| UFLK624 | Belimo | Retro Kit, 3W 2 armasier 2244 SY1 | UFLK6246 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK6248 | Beimo | Retro Kit, 3W $2 \cdot 2.5$ atmaster 27444 SY2 | UFLK6248 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK6250 | Belimo | Retro Kit, 3w 3 armasier 22444 SY 2 | UFLK6250 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK6252 | Belimo | Retro oti, 3W 4 armasier 2244 SY ${ }^{\text {r }}$ | UFLK6252 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK6254 | Beimo | Retro Kit, 3W 5 Crmaster 22444 SY 4 | UFLK6254 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK6256 | Beimo | Retro otit, sw 6 armasier 2244 SY 4 | UFLK6256 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK6258 | Beimo | Retro Kit, 3W 8 armaster 22444 SY 6 | UFLK6258 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK6260 | Belimo | Retro Kit. 3W 10 OtrMaster 22744 SY7 | UFLK6820 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK6262 | Beimo | Retro Kit, 3W 12 Cetmaster 42744 SY9 | UFLK6262 | 1 | \$1,952.00 | 58\% | \$819.84 |
| UFLK6264 | Belimo | Retro Kit, 3W 14 CtMMaster 42744 SY9 | UFLK6264 | 1 | \$1,952.00 | 58\% | \$819.84 |
| UFLK6266 | Belimo | Retro Kit, 3W 16 OtMMaster 4244 SY10 | UFLK6266 | 1 | \$2,174.00 | 58\% | \$913.08 |
| UFLK6288 | Belimo | Retro Kt, 3W 18 OtMaster 42744 SY12 | UFLK6268 | 1 | \$2,174.00 | 58\% | \$913.08 |
| UFLK6300 | Beimo | Retro Kt, 3W 2" Vic:30 w/ SGL AF | UFLK6300 | 1 | \$672.00 | 58\% | \$282.24 |
| UFLK6808 | Beimo | Retro Kt. 3 W 2.5. Vic. 300 W / SGL L M | UFLK6308 | 1 | \$672.00 | 58\% | \$282.24 |
| UFLK6310 | Belimo |  | UFLK6310 | 1 | \$712.00 | 58\% | \$299.04 |
| UFLK6336 | Beimo | Retro Kit, 3W 2 Vic 300 (OId Style) SY1 | UFLK6336 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK6338 | Belimo | Retro Kit, 3 W 2.5 V Vic 300 (Odd Stye) SY1 | UFLK6388 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK6340 | Belimo | Retro Kit, 3 W 2 V Vic 300 (old Stye) SY2 | UFLK6340 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK6342 | Beimo | Retro Kti, 3 W 2.5 V Vic 300 (Old Stye) SY2 | UFLK6342 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK6334 | Beimo | Retro Kit, 3 W 4 Vicic 30 (old Stye) SY3 | UFLK6334 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK6346 | Belimo | Retro Kit. 3 W 5 V Vic 300 (OId S Stye) SY3 | UFLK6346 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK6348 | Belimo | Retro kit, 3 W 6 VVic 300 (OId Stye) SY4 | UFLK6348 | 1 | \$984.00 | 58\% | \$413.28 |
| UFLK6350 | Beimo | Retro Kit, 3W 8 V Vic 300 (OId S Stye) SY4 | UFLK6350 | 1 | \$989.00 | 58\% | \$415.38 |
| UFLK6552 | Belimo | Retro Kt, 3 W 10 V Vic 300 (Odid Stye) SY5 | UFLK6352 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK635 | Belimo | Retro Kt, 3W 12 Vicic 300 (Odid Stye) SY6 | UFLK6354 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK6400 | Beimo | Retro Kt, 3W $2^{2}$ Wawts DBF w/ SLL GM | UFLK6400 | 1 | \$750.00 | 58\% | \$315.00 |
| UFLK6402 | Beimo | Retro Kit, 3W 2 "Wats DBF W $\mathrm{l}^{2}$ AF | UFLK6402 | 1 | \$750.00 | 58\% | \$315.00 |
| UFLK6408 | Beimo | Retro Kt, 3W 4"Watts DBF w $2 \cdot{ }^{6} \mathrm{Gm}$ | UFLK6408 | 1 | \$754.00 | 58\% | \$316.68 |
| UFLK6426 | Belimo | Rero Kt, 3W 2.5 Watts DBF SY1 | UFLK6426 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK6428 | Belimo |  | UFLK6428 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK6430 | Belimo | Retro Kt , 3W 4 Wats D8BF SY2 | UFLK6430 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK6432 | Belimo | Retro Kt t, 3W 5 Wats D8FF SY | UFLK6432 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK6434 | Beimo | Retro Kit. 3W 6 Wats DBF SY4 | UFLK6634 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK6436 | Beimo |  | UFLK6436 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK6438 | Beimo | Retro Kt, 3W 10 Watts DBF SY6 | UFLK6438 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK6440 | Beimo | Retro Kt, 3W 12 Watts DBF SY7 | UFLK640 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK6442 | Beimo | Retro Kt, 3W 14 Watts DBF SY8 | UFLK6442 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK6500 | Belimo | Retro Kt, $2 \mathrm{~L} 2^{\prime}$ M Miwauke MLW/ SGL AF | UFLK6500 | 1 | \$672.00 | 58\% | \$282.24 |
| UFLK6502 | Belimo | Retro Kit, 2W 2" Gruok 7 770 w GM | UFLK6502 | 1 | \$712.00 | 58\% | \$299.04 |
| UFLK6508 | Beimo | Retro Kit, 2W 2" Gruvor 7700 W GM | UFLK6508 | 1 | \$712.00 | 58\% | \$299.04 |
| UFLK6536 | Beimo | Retro Kt, 3 W 2.5 Ceneell C C200 riti SY1 | UFLK6536 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK6538 | Belimo | Retro Ki, 3 3 3 C Centerln creor ritp SY2 | UFLK6538 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK6540 | Belimo | Retro Kt, 3 W 4 Cenetelt c200 rdit SY2 | UFLK6540 | 1 | \$989.00 | 58\% | \$415.38 |
| UFLK6542 | Beimo | Retro Kt, 3 W 5 Cenerern c200 ritp SY3 | UFLK6542 | 1 | \$1,025.00 | 58\% | \$430.50 |
| UFLK6544 | Belimo | Retro Kt, 3W 6 Cenelerln c200 rdtp SY4 | UFLK6544 | 1 | \$984.00 | 58\% | \$413.28 |

The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Nicroprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory Mord Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integr
products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other 5 , BACNet LonTalk, Modbus, etc.) to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated
platforms/ysstems.
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
a) Is certified by either the Associated Air Balance Councii Bureau- AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arrington,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenance of Integrated Microprocessor-Based HVAC Equipment;

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs howers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he

Factory Installed/Factory-Provided micro-processor--controlled included/co, remote I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
. General Purpse I, Telecommumicaios, Neworkis Caing,
A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency
B. To identify an individual(s)' location in the event of a fire or emergency.

|  | Belimo | Product Desaripion |  | "Warranty Period - \# of year(s) afteracceptance as required by Appendix B, Clause 54: | Ust Price |  | NvS Nat Pice |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |
| UFLK6548 | Beimo | Retro Kit. 3W 10 CenterLn Co200 ritip SY5 | UFLK6548 | 1 | \$1,007.00 | 58\% | $\$ 422.94$ $\$ 422.94$ |
| UFLK6550 | Beimo | Retro Kt, 3W 14 Centertn c200 ritp SY7 | UFLK6550 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK6552 | Beimo | Retro Kt, 3W 16 Ceneerln c200 rdto sys | UFLK6552 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK6554 | Beimo | Retro Kt, 3W 18 Centerln c200 ratip sy9 | UFLK6554 | 1 | \$1,952.00 | 58\% | \$819.84 |
| UFLK6556 | Beimo | Retro Kit, sW 20 Centerln c200 ditp SY10 | UFLK6566 | 1 | \$1,952.00 | 58\% | \$819.84 |
| UFLK6600 | Belimo | Retofotikt, 3W 2.5.3.3" Challgr CHH00 | UFLK6600 | 1 | \$75.00 | 58\% | \$315.00 |
| UFLK6002 | Belimo |  | UFLK6002 | 1 | \$750.00 | 58\% | \$315.00 |
| UFLK6624 | Beimo | Retro kt , 3W 2 Challenger CH100 SY1 | UFLK662 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK6626 | Belimo | Retro Kt, 3W 2 Challenger CH100 SY2 | UFLK662 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK6628 | Beimo | Reto Kit, 3 W 5 Chalenger CH100 SY3 | UFLK628 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK6630 | Belimo | Retro kt, 3W 6 Challenger CH1100 SY4 | UFLK6630 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK6632 | Beimo | Retro Kt, 3 W 8 C Chalenger CH100 SY4 | UFLK6632 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK6634 | Belimo | Retro Kt, 3W 10 Challenger CH100 SY5 | UFLK6634 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK6636 | Belimo | Retro Kt, 3W 12 Chalenger CH100 SY7 | UFLK6636 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK6700 | Beimo | Retro Kt, 3W 2 2-2.5. Gruvok Fig700 Gm | UFLK6700 | 1 | \$600.00 | 58\% | \$252.00 |
| UFLK6702 | Belimo |  | UFLK6702 | 1 | \$775.00 | 58\% | \$325.50 |
| UFLK6726 | Belimo | Retro Klt, 3W 3"G Grukk 7700 (-2002) SY 2 | UFLK6726 | 1 | \$1,300.00 | 58\% | \$566.00 |
| UFLK6728 | Belimo | Retro Kt, 3W 4 Gruvk 7700 (-2002)S 3 | UFLK6728 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK6730 | Belimo | Retro Kt, 3W 5 Gruvk 7700 (-2002)SY4 | UFLK6730 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK6732 | Belimo | Retro Kt, 3W 6 Gruvk 7700 (-2002)SY4 | UFLK6732 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK6734 | Beimo | Retro Kt, 3W 8 Gruvk 7700 (-2022)SY5 | UFLK6734 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK6736 | Beimo | Retro Kit, 3W 10 Gruvk 7700 (-2022)SY7 | UFLK6736 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK6738 | Belimo | Retro Kt, 3W 12 Gruvk 7700 (-202) SY8 | UFLK6738 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK6740 | Belimo |  | UFLK6740 | 1 | \$750.00 | 58\% | \$315.00 |
| UFLK6742 | Belimo | Retro Kt, 3W 3 Gruvk 7700 (2003.)SY3 | UFLK6742 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK6744 | Belimo | Retro Kt, 3W 6 Gruvk 7700 (2003.)SSY4 | UFLK674 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK6746 | Belimo | Retro Kt, 3W 8 Gruvk 7700 (2003.)SY5 | UFLK674 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK6748 | Belimo | Retro Kt, 3W 10 Gruvk 7700 (2003.3.5Y7 | UFLK6788 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK6750 | Beimo | Retro Kt, 3W 12 Gruvk 7700 (2003.).SY9 | UFLK6750 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK6800 | Belimo |  | UFLK6800 | 1 | \$750.00 | 58\% | \$315.00 |
| UFLK6802 | Belimo |  | UFLK6802 | 1 | \$750.00 | 58\% | \$315.00 |
| UFLK6808 | Belimo |  | UFLK6808 | 1 | \$750.00 | 58\% | \$315.00 |
| UFLK6824 | Belimo | Retro Kt, 3W 2 Metralex 200WOG SY1 | UFLK6824 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK6826 | Belimo | Retro Kt, 3W 2 Metralex 200WOG SY2 | UFLK6826 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK6828 | Belimo | Retro Kt, 3W 4 Metralex 200WOG SY3 | UFLK6828 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK6830 | Beimo | Retro Kit, 3W 5 Metalalex 200WOG SY3 | UFLK6830 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK6832 | Belimo | Retro Kt, 3W 6 Metralex 200WOG SY4 | UFLK6832 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK6834 | Belimo | Retro Kt, 3W 8 Metralex 200WOG SY4 | UFLK6834 | 1 | \$1,300.00 | 58\% | \$566.00 |
| UFLK6836 | Belimo | Retro Kt, 3W 10 Meralile 200WOG SY6 | UFLK6836 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK6838 | Belimo | Retro Kt, 3W 12 Meralile 200WOG SY7 | UFLK6838 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK6900 | Belimo |  | UFLK6900 | 1 | \$560.00 | 58\% | \$235.20 |
| UFLK6902 | Belimo | Retofititit, 3W 3 Belimo H(U) $2 \cdot \mathrm{GM}$ | UFLK6002 | 1 | \$754.00 | 58\% | \$316.68 |
| UFLK6904 | Belimo | Retroft Kt , 3W 4 Belimo HSU $\mathrm{r}^{\circ} \mathrm{GM}$ | UFLK604 | 1 | \$754.00 | 58\% | \$316.68 |
| UFLK6906 | Belimo | Retroft Kt , 3W 5 Belimo HSU 2 'GM | UFLK600 | 1 | \$754.00 | 58\% | \$316.68 |
| UFLK6908 | Beimo | Retrofititt, 3W 3 Beimo HSU SY1 | UFLK6908 | 1 | \$896.00 | 58\% | \$376.32 |
| UFLK6910 | Belimo | Retrotit tit , 3W 3 Belimo HSU SY2 | UFLK6910 | 1 | \$896.00 | 58\% | \$376.32 |
| UFLK6912 | Beimo | Retrofitit, 3W 4 Beimo HSU sY2 | UFLK6912 | 1 | \$896.00 | 58\% | \$376.32 |
| UFLK6914 | Belimo |  | UFLK6914 | 1 | \$896.00 | 58\% | \$376.32 |
| UFLK6919 | Belimo | Retroftiti, wW 8 Belimo HSU SY3 | UFLK6919 | 1 | \$896.00 | 58\% | \$376.32 |
| UFLK6920 | Beimo | Retrofit kt, 3W 10 Beimm HSU SY4 | UFLK6920 | 1 | \$896.00 | 58\% | \$376.32 |
| UFLK6922 | Beimo | Rearofit $\mathrm{Kt}$, , 3W 12 Beimo HSU SY4 | UFLK6922 | 1 | \$896.00 | 58\% | \$376.32 |
| UFLK6950 | Beimo | Retrofititi, 3 W 2. 5 Beimo HS(U) AF | UFLK6950 | 1 | \$542.00 | 58\% | \$227.64 |
| UFLK6952 | Belimo | Reteroft Kt, 3W 3 Belimo HS(U) 2 'AF | UFLK6952 | 1 | \$732.00 | 58\% | \$307.44 |
| UFLK7018 | Belimo | Retroftiti, 3 l 14 Belimo HS SY6 | UFLK7018 | 1 | \$896.00 | 58\% | \$376.32 |
| UFLK7020 | Belimo | Retrofitit, 3W 16 Beilimo HS SY7 | UFLK720 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK7022 | Belimo | Retrofit Kt, sW 18 Belimo HS sys | UFLK7022 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK7024 | Beimo | Retrofitit, sW 20 Beimo HS sy9 | UFLK7024 | 1 | \$1,952.00 | 58\% | \$819.84 |
| UFLK7226 | Belimo | Rerofitit Kt, 3 W 24 Belimo HS SY12 | UFLK722 | 1 | \$1,952.00 | 58\% | \$819.84 |
| UFLK7124 | Beimo | Retro Kit, 3W 2.5 Janessur 815 LW SY2 | UFLK7124 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK7126 | Belimo | Retro Kt, $3 \mathrm{3W} 3$ Jamesbury 815 LW SY2 | UFLK7126 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK7128 | Belimo | Retro Kt, 3 S 4 Jamestury 815 LW SY3 | UFLK7128 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK7130 | Belimo | Retro Kt, 3W 5 Jamestury 815 LW SY4 | UFLK7130 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK7132 | Belimo | Retro Kt, 3W 6 Jamestury 815 LW SY4 | UFLK7132 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK7134 | Belimo | Retro Kt, 3W 8 Jamestury 815 LW SY5 | UFLK7134 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK7136 | Beimo | Retro oti, sW 10 Jamesbur 815 LW Sv6 | UFLK7136 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK7738 | Beimo | Retro Kit, sW 12 Jamesbur 815 LW SY7 | UFLK7138 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK7140 | Belimo | Retero oti, 3W 14 Jamesbury 815 LW sy9 | UFLK7140 | 1 | \$1,952.00 | 58\% | \$819.84 |
| UFLK7142 | Beimo | Reroro Kit. 3 W 16 Jamestury 815 LW Sy10 | UFLK7442 | 1 | \$1,952.00 | 58\% | \$819.84 |
| UFLK7144 | Belimo | Rero Kt, 3 W 18 Jamesuury 815 LW Sy11 | UFLK7144 | 1 | \$1,952.00 | 58\% | \$819.84 |
| UFLK7248 | Belimo | Retro Kit, 3W 2.5 Jamesbur 880 LW SY3 | UFLK7248 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK7250 | Belimo | Retro Kt, $3 \mathrm{3W} 3$ Jamestury 330 LW SY3 | UFLK7250 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK7252 | Belimo | Retro Kt, 3 L 4 Jamestury 830 LW SY4 | UFLK7252 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK7254 | Beimo | Retro Kit, 3 F 5 Jamestury 330 LW SY4 | UFLK7254 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK7256 | Belimo | Retro Kl, 3 WW 6 Jamestury 830 LW SY6 | UFLK7256 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK7258 | Beimo | Retro kt, 3W 8 Jamesbury 880 LW SY8 | UFLK7258 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK7260 | Belimo | Retro Kit, sW 10 Jamesbury 830 LW Sy9 | UFLK7260 | 1 | \$1,952.00 | 58\% | \$819.84 |
| UFLK7262 | Belimo | Reroro Kt. 3 WW 12 Jamestury 380 LW Sy10 | UFLK7262 | 1 | \$1,952.00 | 58\% | \$819.84 |
| UFкк¢338 | Beimo | Retro Ki, 3W 2 Jenkin $222 \times$ XExJ GM | UFLK7338 | 1 | \$750.00 | 58\% | \$315.00 |
| UFкк¢340 | Beimo | Retro Kt, 3 3 3 J Jenkins $22 \times X X E X J$ 2xam | UFLK7340 | 1 | \$750.00 | 58\% | \$315.00 |
| UFLк7342 | Beimo | Retro kt , 3W 2 Jenkins $22 \times X$ XXXJ sY1 | UFLK7342 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK7344 | Belimo |  | UFLK734 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFкк7346 | Beimo |  | UFLK7346 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK7348 | Belimo | Retro Kt, 3W 5 Jenkins 22XXEXXJ SY 3 | UFLK7348 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK7350 | Belimo | Retro kt, 3 W 6 Jenkins $22 \times X$ XEXJ SY4 | UFLK7350 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK7352 | Beimo | Retro Kt, 3W 8 Jenkins 22xXEXUJ SY4 | UFLK7352 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK7354 | Beimo | Retro Kit, 3W 10 Jenkins 22XXEXJ SY5 | UFLK7354 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFடк¢756 | Beimo | Retro Kit, 3 W 12 J Jonkins $22 \times X$ EXJ s SY7 | UFLK7356 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK7358 | Belimo | Retro Kt, 3W 14 J Jenkins $22 \times X$ EXJ SY7 | UFLK7358 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK7360 | Belimo | Retro Kit, 3W 16 J Jonkins $22 \times X X E X J$ SY8 | UFLK7360 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK7362 | Belimo | Retro Kit, 3W 18 J Jenkins 22XXEXJ SY9 | UFLK7362 | 1 | \$1,952.00 | 58\% | \$819.84 |
| UFLK7364 | Belimo | Retro Kt, $3 W 20$ Jenkins $22 \times X$ XXXJ SY10 | UFLK7364 | 1 | \$1,952.00 | 58\% | \$819.84 |
| UFLK7400 | Belimo | Retro Kit, 3 W 2 V Victaulic Masterseal GM | UFLK7400 | 1 | \$672.00 | 58\% | \$282.24 |
| UFLK7402 | Beimo | Reto okt, sw 3 Victauic Masterseal 2 'GM | UFLK7402 | 1 | \$712.00 | 58\% | \$299.04 |
| UFLK7404 | Beimo | Retro Kt, 3 W 2 V Victaulic Masterseal SY1 | UFLK7404 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK7406 | Belimo | Retro Kt, 3 W 2 V Victaulic Masterseal SY2 | UFLK7006 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK7408 | Beimo | Retro Kt, 3 W 4 V Victailic Masterseal $\mathrm{SY}^{\text {2 }}$ | UFLK7408 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK7410 | Belimo | Retro Kt, 3 W 5 V Victaulic Masterseal $\mathrm{SY}^{\text {S }}$ | UFLK7410 | 1 | \$984.00 | 58\% | \$413.28 |
| UFLK7412 | Beimo | Retro Kt, 3 W 6 V Victauic Masterseal SY4 | UFLK7412 | 1 | \$984.00 | 58\% | \$413.28 |
| UFLK7414 | Belimo | Retro Kt, 3 W 8 8 Victaulic Masterseal SY4 | UFLK7414 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK7416 | Beimo | Retro Kt, 3W 10 V Victauic Maserseal SY6 | UFLK7416 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK7418 | Beimo | Retro Kt, 3W 12 Victauic Maserseal SY7 | UFLK7418 | 1 | \$1,226.00 | 58\% | \$514.92 |
| UFLK8060 | Belimo | Retro Kt, 2 W 2.5 Jamestury $815 \mathrm{LW} 2 \cdot \mathrm{Gm}$ | UFLK8060 | 1 | \$600.00 | 58\% | \$252.00 |
| UFLK8062 | Beimo | Retro okit, 2W 3 Jamestur $815 \mathrm{LW} 2 \cdot \mathrm{GM}$ | UFLK8062 | 1 | \$600.00 | 58\% | \$252.00 |
| UFLK8064 | Belimo | Retro Ktit 2 W 2.5 Jamesbury 815 LW SY 2 | UFLK8064 | 1 | \$800.00 | 58\% | \$336.00 |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Inctlled], Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and . commission and which are integr
products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other sivis device, which utilize certain etc.) to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated
platforms/ysstems.
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
a) Is certified by either the Associated Air Balance Councii Bureau- AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arrington,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenance of Integrated Microprocessor-Based HVAC Equipment;

Cleans, tests, and balances the Integrated Microprocessor-Controlled HVAC Equipment in accordance with Code Requirements.
The scope of this contract does not include:
howers, water foutains, water heaters include the assembly, installation
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers Ductwork, Piping, etc. shall not be obtained on these contracts.

Factory Installed/Factory-Provided micro-proil, unit ventilator, heat pump, remote I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or E E

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:


A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency
B. To identify an individual(s)' location in the event of a fire or emergency.

|  | Belimo | Prodicl Desalipition | Product Code | "Warranty Period - \# of year(s) afteracceptance as required by Appendix B, Clause $54^{\prime \prime}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Lisp Price | 58\% | NVS Nat Price |
| UFLKK0068 | ${ }_{\text {Baimo }}$ |  | UFLK80088 | 1 | \$800.00 | 58\% | $\$ 336.00$ $\$ 336.00$ |
| UFLK8070 | Baimo | Retro Kit, 2 W 5 Jamestur 815 LW SY3 | UFLK8070 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK8072 | Baimo | Retro Kt , 2 W 6 Jamessury 815 LW SY 3 | UFLK8072 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK8074 | Baimo | Reto $\mathrm{ft}$, 2W 8 Jamessur 815 LW SY4 | UFLK8074 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK8076 | Baimo |  | UFLK8076 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK8078 | Balimo | Retro KLI L2 2 W 12 Jamesury 815 LW SY6 | UFLK8078 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK8080 | Balimo |  | UFLK8880 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK8082 | Baimo |  | UFLK8082 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK8084 | Balimo | Retro KLI , 2 LW 18 Jamesury 815 LW SY9 | UFLK8884 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK8086 | Baimo | Retro Kit. 2 W 20 Janasbury 815 LW sY10 | UFLK8086 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK8088 | Baimo | Rerot Kit. 2 W 24 Jamestur 815 LW SY12 | UFLK8088 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK8124 | Baimo | Retro itt, 2 W 2.5 Jamesbury $830 \mathrm{LW} \mathrm{2}^{\prime} \mathrm{Gm}$ | UFLK8124 | 1 | \$600.00 | 58\% | \$252.00 |
| UFLK8126 | Baimo | Reto Kit. 2 W 2.5 damesbury 830 LW SY 2 | UFLK8126 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK8128 | Balimo | Retro fit, 2W 3 Jamestury 30 LW SY 2 | UFLK8128 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK8130 | Baimo | Retro Kt , 2 W 4 Jamessury 830 LW SY3 | UFLK8130 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK8132 | Baimo | Retro Kt , 2 W 5 Jamessury 830 LW SY4 | UFLK8132 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK8134 | Baimo | Retro ft , 2 W 6 Jamessury 830 LW SY4 | UFLK8134 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK8136 | Baimo | Retro fit, 2W 8 Jamesbury 830 LW SY6 | UFLK8136 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK8138 | Belimo | Retro Kit, 2 LW 10 Jamesury 830 LW SY8 | UFLK8138 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK8140 | Balimo |  | UFLK8140 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK8142 | Baimo | Retro Ki, 2W 14 Janessury 830 LW SYY11 | UFLK8442 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK8144 | Baimo | Retro Kt. 2 WW 16 Janessury 830 LW SY12 | UFLK8144 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UFLK8172 | Baimo | Retro Kit, 2W $2.33^{\text {V Vic. Masterseal AMGM }}$ | UFLK8172 | 1 | \$344.00 | 58\% | \$144.48 |
| UFLK8174 | Baimo | Reto Kit, 2 W 2.3. Vic Masiessal 2 'GM | UFLK8174 | 1 | \$368.00 | 58\% | \$154.56 |
| UFLK8176 | Baimo | Retro Kit, 2 W 4 V Victauic M Masterseal 2 -'GM | UFLK8176 | 1 | \$461.00 | 58\% | \$193.62 |
| UFLK8178 | Baimo | Retro Ktit 2 W 2.5 V Victaulic Masterseal SY1 | UFLK8178 | 1 | \$544.00 | 58\% | \$228.48 |
| UFLK8180 | Balimo | Retro Kt, 2 W 2 V Vicauicic Masterseal SY 2 | UFLK8180 | 1 | \$667.00 | 58\% | \$280.14 |
| UFLK8182 | Balimo | Retro Kt, 2 W 4 V Cicauicic Masterseal S $\mathrm{Y}^{2}$ | UFLK8182 | 1 | \$598.00 | 58\% | \$251.16 |
| UFLK8184 | Baimo | Retro Kt, 2 W 6 Vicictuicic Masterseal SY 3 | UFLK8184 | 1 | \$667.00 | 58\% | \$280.14 |
| UFLK8188 | Baimo | Retro Kit, 2 W 8 V Victauic Masterseal SY 4 | UFLK8188 | 1 | \$667.00 | 58\% | \$280.14 |
| UFLK8190 | Baimo | Retro Kit, 2W 12 V Victaulic Masterseal SY5 | UFLK8190 | 1 | \$667.00 | 58\% | \$280.14 |
| UFLK8400 | Baimo | Retro Kt, 2 W 2.5 Jenkins 22 2XXEXJ AMGM | UFLK8400 | 1 | \$400.00 | 58\% | \$168.00 |
| UFLK8402 | Baimo | Retro Kit, 2 W 3 Jenkins $22 \times X$ ExJ $2 \times 6 \mathrm{M}$ | UFLK8002 | 1 | \$600.00 | 58\% | \$252.00 |
| UFLK8408 | Baimo | Retro Kt, 2 L 4 Jenkins 22XXXEJJ 2XGM | UFLK8408 | 1 | \$400.00 | 58\% | \$168.00 |
| UFLK8336 | Balimo | Retro Kt, 2W 3 Jenkinis 22xXEXX SYy | UFLK8436 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK8438 | Baimo |  | UFLK8438 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK8440 | Baimo | Retro Kt, 2W 4 Jenkins 22xXEXXJ SY2 | UFLK8440 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK8442 | Baimo |  | UFLK8442 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK8444 | Baimo |  | UFLK8444 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK8446 | Baimo | Rero Kit, 2 W 8 Jenkins $22 \times X X X X$ J SY4 | UFLK8446 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK8488 | Baimo | Retro Kit, 2 W 10 10 Jenkins 22XXEXJ SY4 | UFLK8448 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK8450 | Balimo | Retro Kit, 2W 14 Jenkins 22XXEXJ SY5 | UFLK8450 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK8452 | Balimo | Retro Kit, 2 W 16 J Jenkin 22 2XXEXJ SY7 | UFLK8452 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK8454 | Baimo | Retro Kit, 2 W 18 J Jenkins $22 \times \mathrm{XEXJJ}$ SY8 | UFLK8454 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK8456 | Baimo |  | UFLK8456 | 1 | \$800.00 | 58\% | \$336.00 |
| UFLK8458 | Baimo | Retro Kit, 2 W 24 J Jenkins $22 \times X$ EXJ S SY10 | UFLK8458 | 1 | \$1,300.00 | 58\% | \$546.00 |
| UGLK1000 | Baimo |  | UGLK1000 | 1 | \$462.00 | 58\% | \$194.04 |
| UGIK1002 | Balimo |  | UGLK1002 | 1 | \$454.00 | 58\% | \$190.68 |
| UGLK1004 | Balimo |  | UGLK1004 | 1 | \$466.00 | 58\% | \$195.72 |
| UGIK1006 | Baimo | Retoffitit, Siebe 2.54.4.4 vevver.sg | UGLK1006 | 1 | \$466.00 | 58\% | \$195.72 |
| UGLK1008 | Baimo |  | บalkios | 1 | \$442.00 | 58\% | \$185.64 |
| UGLK1010 | Baimo | Retrofitit, Siebe 2.5 .3 .3 ve. V9.Pri994 | uglkioto | 1 | \$462.00 | 58\% | \$194.04 |
| UGIK1012 | Balimo |  | UGLK1012 | 1 | \$482.00 | 58\% | \$202.44 |
| UGIK1014 | Baimo | Retorifitit, Siebe 5 "6" Vge .Sgl | UGLK1014 | 1 | \$466.00 | 58\% | \$195.72 |
| UGIK1016 | Baimo |  | UGLK1016 | 1 | \$442.00 | 58\% | \$185.64 |
| UGIK1064 | Balimo |  | UGIK1064 | 1 | \$669.00 | 58\% | \$280.98 |
| UGIK1066 | Baimo | Retorfitit, Stiee 1.54"\% veg. Posti94 | UGLk1066 | 1 | \$682.00 | 58\% | \$286.44 |
| UGLK1068 | Baimo | Retorfitit, Siebe 2.5.5.3.3vg. Posti94 | Ualkiob | 1 | \$682.00 | 58\% | \$286.44 |
| UGLк1070 | Baimo |  | บalkiozo | 1 | \$632.00 | 58\% | \$265.44 |
| UGLK1072 | Baimo |  | UGLK1072 | 1 | \$682.00 | 58\% | \$286.44 |
| UGLK1074 | Baimo |  | UGLK1074 | 1 | \$614.00 | 58\% | \$257.88 |
| UGIK1076 | Baimo | Retroftt kt, Siebe 5 56\% vevever. Dual | UGLK1076 | 1 | \$725.00 | 58\% | \$304.50 |
| UGIK1150 | Balimo |  | UGLK1150 | 1 | \$338.00 | 58\% | \$141.96 |
| UGLK1200 | Balimo |  | UGLK1200 | 1 | \$442.00 | 58\% | \$185.64 |
| UGIK1202 | Baimo | Reforifitit, Siemen $1.575^{2}$ - 59.1 .2 w | บalki202 | 1 | \$442.00 | 58\% | \$185.64 |
| UGIK1204 | Baimo |  | UGık1204 | 1 | \$442.00 | 58\% | \$185.64 |
| UGLK1206 | Baimo | Reltofit Kt, Siemens 4-6.6 591. Sgl | UGLK1206 | 1 | \$475.00 | 58\% | \$199.50 |
| UGIK1208 | Baimo |  | UGLK1208 | 1 | \$445.00 | 58\% | \$186.90 |
| UGIK1210 | Baimo | Retorfitit, Siemens 2.5-3.5 59.9. Sgl | UGLK1210 | 1 | \$442.00 | 58\% | \$185.64 |
| UGIK1212 | Baimo |  | UGLK1212 | 1 | \$466.00 | 58\% | \$195.72 |
| UGIK1214 | Balimo |  | UGLK1214 | 1 | \$466.00 | 58\% | \$195.72 |
| UGLK1270 | Baimo |  | UGLK1270 | 1 | \$695.00 | 58\% | \$291.90 |
| UGLK1272 | Baimo |  | UGLK1272 | 1 | \$646.00 | 58\% | \$271.32 |
| UGLK1274 | Baimo | Retorfit kt, Siemens 4-6.6.591.. Dual | UGLK1274 | 1 | \$664.00 | 58\% | \$278.88 |
| UGIK1276 | Baimo | Retorofitit, Siemens 4 -5.5 599.. Dual | UGLK1276 | 1 | \$725.00 | 58\% | \$304.50 |
| UGIK1350 | Belimo |  | UGLK1350 | 1 | \$340.00 | 58\% | \$142.80 |
| UGIK1400 | Balimo | Reforfititi, JC1.750"V.37, 39, 43.591 | UGLK1400 | 1 | \$454.00 | 58\% | \$190.68 |
| UGIK1402 | Baimo |  | UGLK1402 | 1 | \$442.00 | 58\% | \$185.64 |
| UGLK1404 | Baimo |  | UGLK1404 | 1 | \$442.00 | 58\% | \$185.64 |
| UGLK1406 | Baimo |  | UGLK1406 | 1 | \$442.00 | 58\% | \$185.64 |
| UGIK1410 | Baimo |  | UGLK1410 | 1 | \$442.00 | 58\% | \$185.64 |
| UGLK1412 | Baimo |  | UGLK1412 | 1 | \$468.00 | 58\% | \$196.56 |
| UGIK1414 | Baimo |  | UGLK1414 | 1 | \$466.00 | 58\% | \$195.72 |
| UGIK1416 | Balimo |  | UGIK1416 | 1 | \$454.00 | 58\% | \$190.68 |
| UGIK1418 | Baimo |  | UGLK1418 | 1 | \$442.00 | 58\% | \$185.64 |
| UGIK1420 | Baimo |  | UGLK1420 | 1 | \$454.00 | 58\% | \$190.68 |
| UGLK1422 | Baimo |  | UGLk1422 | 1 | \$442.00 | 58\% | \$185.64 |
| UGLK1472 | Baimo |  | UGLK1472 | 1 | \$676.00 | 58\% | \$283.92 |
| UGLK1474 | Baimo |  | UGLK1474 | 1 | \$664.00 | 58\% | \$278.88 |
| UGIK1476 | Baimo |  | UGLK1476 | 1 | \$614.00 | 58\% | \$257.88 |
| UGLK1478 | Balimo |  | UGLK1478 | 1 | \$646.00 | 58\% | \$271.32 |
| UGLK1480 | Baimo |  | บ.ıkt 480 | 1 | \$685.00 | 58\% | \$287.70 |
| UGIK1550 | Baimo |  | UGLk1550 | 1 | \$368.00 | 58\% | \$154.56 |
| UGLK1552 | Baimo |  | UGLK1552 | 1 | \$368.00 | 58\% | \$154.56 |
| UGLK1554 | Baimo | Relofotikt, JCl .50 V-.3854, 5, Sgl | UGLk1554 | 1 | \$355.00 | 58\% | \$149.10 |
| UGLK1800 | Beimo |  | บธLk1800 | 1 | \$442.00 | 58\% | \$185.64 |
| UGLK1802 | Baimo |  | UGLK1802 | 1 | \$525.00 | 58\% | \$220.50 |
| UGIK1804 | Baimo |  | UGLK1804 | 1 | \$378.00 | 58\% | \$158.76 |
| UG1K1806 | Balimo |  | UGLK1806 | 1 | \$442.00 | 58\% | \$185.64 |
| UGLK1870 | Baimo |  | UGLk1870 | 1 | \$630.00 | 58\% | \$264.60 |
| UGLK1872 | Baimo | Retrofit Ki, Honemwell $4 \cdot 6.6 \mathrm{v}$ vo, V3.0u1 | UGLK1872 | 1 | \$698.00 | 58\% | \$293.16 |
| UG1K2200 | Baimo | Retofititit, Wareen, $5.44^{4} 40,2,2,3,3,32$ | บธLк2200 | 1 | \$538.00 | 58\% | \$225.96 |
| UGLK2202 | Baimo | Retrofitit tit Wareen 2.5.6.6" $8,10,20,30$ | UGLK2202 | 1 | \$475.00 | 58\% | \$199.50 |
| UG1K2270 | ${ }^{\text {Baimo }}$ |  | UGLK2270 | 1 | \$632.00 | 58\% | \$265.44 |

The scope of this contract includes the following
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. . BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated
Microprocessor-Controled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems. Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mond Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integr
products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FILP), and/or other siw device, which utilize certain or etc.) to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated
platforms/ysstems.
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
a) Is certified by either the Associated Air Balance Councii Bureau- AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Aringgton,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenate of Integrated Microprocessor-Based HVAC Equipment;

Cleans, tests, and balances the Integrated Microprocessor-Controlled HVAC Equipment in accordance with Code Requirements.
The scope of this contract does not include:
.
showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. General Ductwork, Piping, etc. shall not be obtained on these contracts.
3. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not:
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not inited ti:
B. General Purpose IN, Telecommumicaions, Networking Caing, (e.g. phone, px, digial celrex, a.

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)'
B. To identify an individual(s)' location in the event of a fire or emergency.

| Yose Number |  | Proctuct Desariplion | Product Code | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| UGLK272 | Beimo | Relfofit Kit, Warren 2.55.6.6 18, 10,20,30 | UGLK272 | 1 | \$689.00 | 58\% | NYS Na2 Price |
| UGSL1200 | Belimo | Reerofit Kil, Siemens $55^{4 \prime} .1 .22^{\text {a }}$ MTMZ 599 | UGSL1200 | 1 | \$118.00 | 58\% | \$49.56 |
| unv-001 | Belimo |  | unv-001 | 1 | \$57.00 | 58\% | \$23.94 |
| unv.003 | Beimo |  | unv.003 | 1 | \$94.00 | 58\% | \$39.48 |
| unv.004 | Beimo |  | unv.004 | 1 | \$94.00 | 58\% | \$39.48 |
| unv.005 | Beimo |  | unv.005 | 1 | \$130.00 | 58\% | \$54.60 |
| unv.006 | Beimo |  | Unv.006 | 1 | \$120.00 | 58\% | \$50.40 |
| unvo07 | Beimo |  | Unv.007 | 1 | \$126.00 | 58\% | \$52.92 |
| unv-008 | Belimo |  | unv-008 | 1 | \$94.00 | 58\% | \$39.48 |
| unv.009 | Belimo | UNV Retrofitit JC1. 5 5.7.75" VG7000.. | Unv-009 | 1 | \$94.00 | 58\% | \$39.48 |
| unv.o35 | Beimo |  | unv.035 | 1 | \$126.00 | 58\% | \$52.92 |
| unvo40 | Beimo |  | Unv.040 | 1 | \$126.00 | 58\% | \$52.92 |
| unv.051 | Beimo |  | unv-051 | 1 | \$130.00 | 58\% | \$54.60 |
| AfRB24 | Belimo | Speing Reum, 180 intb, Onnotit,24V | AfRB24 | 1 | \$493.00 | 58\% | \$207.06 |
| Afrber $\mathrm{NaH}^{\text {a }}$ | Beimo | Spring Retur, 180 intib, Onoflit,24V | AFRb24 NaH | 1 | \$2,062.00 | 58\% | \$866.04 |
| Afrb24S | Belimo | Speing Reum, 180 intb, Onnotit,24V | Afrb24-S | 1 | \$583.00 | 58\% | \$244.86 |
| AFBB24.S NaH | Belimo | Spring Reumn, 80 intb, Onolit, 24 V | AfrB24S NaH | 1 | \$2,183.00 | 58\% | \$916.86 |
| AfRB24.SR | Beimo | Spring Retur, 180 in-ib, 2-10 Voc, 24 V | AfRB24SR | 1 | \$606.00 | 58\% | \$254.52 |
| Afrbup | Beimo |  | afrbup | 1 | \$548.00 | 58\% | \$230.16 |
| AFRBuP N4H | Beimo |  | Afrbup NaH | 1 | \$2,097.00 | 58\% | \$880.74 |
| Afrbup-S | Beimo |  | AFrbup-s | 1 | \$639.00 | 58\% | \$268.38 |
| Afrbup.s ${ }^{\text {aHh }}$ | Beimo |  | Afrbuprs ${ }^{\text {a } 4 H}$ | 1 | \$2,148.00 | 58\% | \$902.16 |
| AfrX24 | Belimo |  | AFRX24 | 1 | \$493.00 | 58\% | \$207.06 |
| Afrx24N4 | Belimo | Spping Reum, 180 intb, Onnotit,24V | Afrx24N4 | 1 | \$1,091.00 | 58\% | \$458.22 |
| AFRX24MFT | Beimo | Spring Retur, 180 in-m, Mr., 24V | AFRX24MFT | 1 | \$665.00 | 58\% | \$279.30 |
| Afrx24MFT N4 | Beimo | Spring Retur, 180 in-ib, Mr., 24V | Afrx24MFT N4 | 1 | \$1,263.00 | 58\% | \$530.46 |
| Afrx24MFT95 | Beimo | Spring Retur, 180 in-m, M-MF, 24V | Afrx24MFT95 | 1 | \$688.00 | 58\% | \$288.96 |
| Afrx24.MFT-S | Belimo | Spring Retur, 180 inim, MrF, 24V | Afrx24Mf.-S | 1 | \$757.00 | 58\% | \$317.94 |
| AFRX24-MTT-SN4 | Beimo | Spring Retur, 188ininl, Mer, 24V | AFRX24-MTT.S N4 | 1 | \$1,355.00 | 58\% | \$569.10 |
| Afrx24S | Belimo |  | Afrx24-S | 1 | \$583.00 | 58\% | \$244.86 |
| AFRX24. N 4 | Belimo |  | afrx24. $\mathrm{Na}_{4}$ | 1 | \$1,181.00 | 58\% | \$496.02 |
| AfrX24.SR | Belimo | Spring Retur, 180 in-ib, $2.10 \mathrm{VDC},, 24 \mathrm{~V}$ | Afrx24SR | 1 | \$606.00 | 58\% | \$254.52 |
| Afrkup | Beimo |  | Afrxup | 1 | \$548.00 | 58\% | \$230.16 |
| afrxup n4 | Beimo | Spring Relum, 880 in-lb, Onolit. 24102020 V ( (P) | Afrxup n4 | 1 | \$1,095.00 | 58\% | \$459.90 |
| Afrxup-S | Belimo |  | Afrxup-S | 1 | \$548.00 | 58\% | \$230.16 |
| AFFXUP.SN4 | Belimo |  | AFFXXP.SN4 | 1 | \$1,146.00 | 58\% | \$481.32 |
| Anx24.3.1 | Belimo | Non-Spring Retur, 180 in-ib, Onotutfioaing,24V | Anx24.3. ${ }^{1}$ | 1 | \$321.00 | 58\% | \$134.82 |
| ARB120.3 | Belimo |  | ARB120.3 | 1 | \$395.00 | 58\% | \$165.90 |
| ARB120-SR | Belimo |  | ABB120.SR | 1 | \$570.00 | 58\% | \$239.40 |
| ARB24.3 | Belimo | Non-Spring Retur, 180 in-ib, Onotutfirioaing,24V | ARB24.3 | 1 | \$345.00 | 58\% | \$144.90 |
| A8B24.3.5 | Beimo | Non-Sping Retur, 180 in, ib, Onootifirioaing,24V | AR824.3.5 | 1 | \$361.00 | 58\% | \$151.62 |
| AB824.3.5.14 | Belimo | Non-Sping Retur, 180 inim, Onotutifioaing,24V | A8824.3.5.14 | 1 | \$350.00 | 58\% | \$147.00 |
| A8824.3.S | Beimo | Non-Spring Retur, 188 inimb, Onotiffirioaing,24V | A8824.3.S | 1 | \$440.00 | 58\% | \$184.80 |
| A8824.3.T | Belimo | Non-Spring Retur, 180 in-ib, Onotutifioaing,24V | AR824.3.T | 1 | \$332.00 | 58\% | \$139.44 |
| ARB24.3.TN4 | Belimo | Non-Sping Retur, 180 inim, Onotutifioaing,24V | AB824.3.TN4 | 1 | \$644.00 | 58\% | \$270.48 |
| A8B243.T NaH | Beimo | Non-Sping Retur, 180 in-m, Onotutifioaing,24V | A8B243.TNaH | 1 | \$978.00 | 58\% | \$410.76 |
| AbB24MFT | Beimo | Non-Spring Retur,180 in-Ib, Mer, 24V | ABB24MFT | 1 | \$540.00 | 58\% | \$226.80 |
| ARB24MET-5 | Beimo | Non-Sping Reumm,180 in-b, MrF, 24V | ABB24-MFT-5 | 1 | \$540.00 | 58\% | \$226.80 |
| ARB24SR | Belimo | Non-Spring Reumm, 180 in-ib, $2.10 \mathrm{VCDC,24V}$ | ARB24SR | 1 | \$486.00 | 58\% | \$204.12 |
| ABB24-SR-T | Beimo |  | ARB24-SR-T | 1 | \$474.00 | 58\% | \$199.08 |
| ABB24-SR-TN4 | Belimo | Noo-Spring Reumm, 160 in-ib, 2-10 Voc, 24V | ARB2-SR.TN4 | 1 | \$768.00 | 58\% | \$322.56 |
| ARB24-SR-TN4H | Belimo | Non-Spring Reumm, 180 in-ib, 2-10 Voc, 24 V | ABB24-SR.TNaH | 1 | \$1,098.00 | 58\% | \$461.16 |
| Arxi20.3 | Belimo |  | A8X120.3 | 1 | \$423.00 | 58\% | \$177.66 |
| Abx120.SR | Beimo |  | Abx120.SR | 1 | \$570.00 | 58\% | \$239.40 |
| ARX24.3 | Belimo | Non-Spring Retur, 18 ininb, Onotitifioaing,24V | ARX24.3 | 1 | \$345.00 | 58\% | \$144.90 |
| Afx24.3.5 | Belimo |  | Afx24.3.5 | 1 | \$373.00 | 58\% | \$156.66 |
| ABx24.3.S | Belimo |  | ABx24.3.5 | 1 | \$440.00 | 58\% | \$184.80 |
| Arx24.3.T | Belimo | Non-Spring Retur, 180 in-ib, Onotutfioaing,24V | Arx24.3.T | 1 | \$330.00 | 58\% | \$138.60 |
| Abx24Met | Belimo | Nor-Spring Reumm,180 in-ib, Mfr, e2V | ARX24MFT | 1 | \$509.00 | 58\% | \$213.78 |
| ARX24.MF-5 | Belimo |  | ARX24.MFT-5 | 1 | \$540.00 | 58\% | \$226.80 |
| AbX24.MFT95 | Beimo | Non-Spring Reumm,180 in-Ib, MfT, 24V | ARX24.MET95 | 1 | \$522.00 | 58\% | \$219.24 |
| Abx24.Met.Tn4 | Beimo | Non-Spring Retur, 160 in-Ib, MrF, 24V | Abx24Mer.Tn4 | 1 | \$828.00 | 58\% | \$347.76 |
| ARX24MET-TNAH | Belimo | Non-Spring Retur, 180 in-ib, Mrf, 24V | AR24-MET-TNAH | 1 | \$1,481.00 | 58\% | \$622.02 |
| AR24.PC | Beimo | Non-Spoing Reum, 180 int.b, Mouluatig, 24V | AR24.PC | 1 | \$513.00 | 58\% | \$215.46 |
| AR24.SR | Belimo | Noo-Spring Reumm, 188 in-1b, 2.10 VDC, 24V | AR24.SR | 1 | \$486.00 | 58\% | \$204.12 |
| ARX24-SR-T | Belimo | Nor-Spring Reumm,180 in-lb, 2-10 Voc, 24V | ARX24SR-T | 1 | \$474.00 | 58\% | \$199.08 |
| dKR224.3.TN4 | Belimo | Electronic Fal:Sale, Onotifficaing Point,24, ,NEMA 4 | dKR>243.TN4 | 1 | \$1,810.00 | 58\% | \$760.20 |
| GKRB24.3.5.14 | Belimo |  | GK8B24.3.5-14 | 1 | \$1,094.00 | 58\% | \$459.48 |
| GKRB24MF-5. 14 | Beimo | Electroicic Failsale,360 in.lb,MFT, 24V | GKRB24MF-5.514 | 1 | \$1,481.00 | 58\% | \$622.02 |
| Gккх24.3.5.14 | Belimo |  | GKRx24.35-5.14 | 1 | \$1,089.00 | 58\% | \$457.38 |
| GRB120.3.5.14 | Beimo | Non-Spping Return, 360 inlib, Onotitifloaing, 120 to 2 240V | GRB 120.3.5.14 | 1 | \$484.00 | 58\% | \$203.28 |
| G8B24.3.5 | Belimo | Non-Sping Retur, OnOtIfFroatiog, 24V | GR824.5.5 | 1 | \$494.00 | 58\% | \$207.48 |
| GR824-3.514 | Belimo | Non-Spring Retur,36i in-b, Onotutfirioaing,24V | GRB24-3.514 | 1 | \$520.00 | 58\% | \$218.40 |
| G8B24MFT-5 | Belimo | Non-Sping Reumm,MF, ,24V | GRB24MFT-5 | 1 | \$705.00 | 58\% | \$296.10 |
| Grx 120.3 | Beimo | Non-Sping Return,360 in-b, Onotitifoaing, 120 O2 240 V | Grxi20.3 | 1 | \$484.00 | 58\% | \$203.28 |
| Lnx24.3. ${ }^{\text {a }}$ | Beimo |  | Lux24.3. ${ }^{\text {a }}$ | 1 | \$172.00 | 58\% | \$72.24 |
| LRE24.3.S | Belimo |  | LR824.3.S | 1 | \$285.00 | 58\% | \$19.70 |
| LR824-SR | Belimo | Nor-Sping Reuum, 45 in i-lb, $, 2.10 \mathrm{VDC}, 24 \mathrm{~V}$ | LR824SR | 1 | \$294.00 | 58\% | \$123.48 |
| LRB24-SR-T | Belimo |  | LRB24-SR-T | 1 | \$286.00 | 58\% | \$120.12 |
| LRobz4.1 | Belimo | Nor-Sping Reumm,35inilb, Onolit,24V | LRab24.1 | 1 | \$424.00 | 58\% | \$178.08 |
| LRaxz4-1 | Belimo | Non-Sping Reumm,45inilb, Onoti,24V | LRax24-1 | 1 | \$424.00 | 58\% | \$178.08 |
| LRX24.3 | Beimo | Non-Sping Reumm,45 in-b, Onotrtifioaing,24V | LRX24.3 | 1 | \$202.00 | 58\% | \$84.84 |
| LRX24.3.S | Beimo |  | Lex24.3.S | 1 | \$285.00 | 58\% | \$19.70 |
| LRX24.3.T | Belimo | Sping Reuun,45 in-lb, Onotitrioating,24V | LRX24.3.T | 1 | \$182.00 | 58\% | \$76.44 |
| NMX24.3. ${ }^{1}$ | Belimo |  | NMX24.3.1 | 1 | \$228.00 | 58\% | \$95.76 |
| NRB24.-TN4 | Belimo |  | NB824-3.TN4 | 1 | \$502.00 | 58\% | \$210.84 |
| NR824-SR-TN4 | Belimo | Non-Spring Reeum,70 in-ib, ,2-10 voc, 24V | NRB24SR-T N4 | 1 | \$601.00 | 58\% | \$252.42 |
| NRGB24-1 | Belimo | Non-Sping Reutr,70 in-b, Onotit,24V | NROB24-1 | 1 | \$483.00 | 58\% | \$202.86 |
| NRax24MFT | Beimo | Non-Spring Return,70 in-b, Me.t.,24V | nrax24MFT | 1 | \$518.00 | 58\% | \$217.56 |
| NBR24MFT-TN4 | Beimo | Non-Spring Retum,70 in-ib, M.ET, 24V | NBX24.MET.TN4 | 1 | \$706.00 | 58\% | \$296.52 |
| nR224-MfT-TNAH | Belimo | Non-Spring Return,70 in-b, Met, 24V | nR224MET-TNAH | 1 | \$959.00 | 58\% | \$402.78 |
| sy10-110 | Belimo |  | sy10-110 | 1 | \$8,557.00 | 58\% | \$3,593.94 |
| sy10-220 | Beimo | Non-Sping Return,22250 in-lb, Onnotit,230V,NEMA 4 X | sy10.220 | 1 | \$8,557.00 | 58\% | \$3,593.94 |
| sy-110 | Belimo | Non-Spring Reumm,310 in-lb, OnOOt, 120V, NEMA AX | SY1-110 | 1 | \$828.00 | 58\% | \$347.76 |
| syr1-110 | Belimo | Non-Sping Return,2670 in-lb,OMnoti, 120V,NEMA 4X | sy11-110 | 1 | \$11,341.00 | 58\% | \$4,763.22 |
| sy11-220 | Belimo | Non-Sping Return,2670 in-lb, Onnofl:230V,NEMA 4X | sY11-220 | 1 | \$11,341.00 | 58\% | \$4,763.22 |
| sy12:110 | Beimo | Non-Sping Return,31150 in-lb, Onnofit, 120V, NEMA 4X | SY12.110 | 1 | \$12,140.00 | 58\% | \$5,098.80 |
| sY1-220 | Belimo | Non-Spring Reumm,310 in-lib OnOİ, 230V, NEMA AX | SY1-220 | 1 | \$828.00 | 58\% | \$347.76 |
| SY112.220 | Belimo |  | SY12.220 | 1 | \$12,140.00 | 58\% | \$5,098.80 |
| svi-24 | Beimo | Nor-Sping Reutr,310 in.tb, Onnotit,24V, NEMA 4 X | SY1-24 | 1 | \$828.00 | 58\% | \$347.76 |
| sY1-24P | Belimo | Noo-Spring Reumm,30 in-lb, 2.10 voc, 24V, NEMA 4 X | sY1-24P | 1 | \$2,994.00 | 58\% | \$1,257.48 |
| sr2.110 | Belimo |  | sy2-110 | 1 | \$2,088.00 | 58\% | \$876.96 |
| sv2220 | Belimo |  | sY2.220 | 1 | \$2,088.00 | 58\% | \$876.96 |
| $\underset{\text { SY2-24MET }}{\substack{\text { Sv2 }}}$ | Belimo Beimo |  | ${ }_{\text {sy2 } 24}$ | 1 | \$2,088.00 | 58\% | \$876.96 |
| sv2-24MFT | Belimo | Non-Spring Retur, 801 in-Ib, MFT, 24, , NEMA 4X | sv2-24MET | 1 | \$4,256.00 | 58\% | \$1,787.52 |

The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. . BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated
Microprocessor-Controled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems. Microprocessor-Controiled HAC Equipment in a building or faciinty. Building Management Systems and Building Control Sytems are aso subacegries of Building Automation Systems.
. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory Monted HVAC Equipment.
 commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pane ( SA , and/or other similar device, which utiiize certain protocols (e.g. BACNe, LonTalk, Modbus, platforms/systems.
5. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs showers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
. Factory Installed/Factory-Provided micro-processor--controlled includedco remote I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose 1 , Telecommumications, Networking Cabing, hier Opics (e.g. phone, phx, digita centrex, digital key systems, television, cable, Line, general broadband

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency
B. To identify an individual(s)' location in the event of a fire or emergency.

|  |  |  |  | $\begin{gathered} \text { "Warranty Period - \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54 \text { " } \end{gathered}$ | Lst Price | \% Discount | Nvs Nel Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SY3.110 | Balimo |  | š3.110 | 1 | \$2,380.00 | 58\% | \$999.60 |
| s>3.220 | Belimo |  | sr3.220 | 1 | \$2,380.00 | 58\% | \$999.60 |
| Sr3.24 | Belimo | Non-Sping Reumr, 1335 in.lb, Onoftr,244,NEMA 4 X | SY3-24 | 1 | \$2,380.00 | 58\% | \$999.60 |
| SY3.24MFT | Belimo |  | Sצ3-24MFT | 1 | \$4,558.00 | 58\% | \$1,914.36 |
| SY4.10 | Belimo |  | sY4-10 | 1 | \$3,008.00 | 58\% | \$1,263.36 |
| SY4220 | Belimo |  | SY4220 | 1 | \$3,008.00 | 58\% | \$1,263.36 |
| SY424 | Balimo |  | SY424 | 1 | \$3,008.00 | 58\% | \$1,263.36 |
| SY4-24MrT | Balimo |  | SY4-24MET | 1 | \$5,525.00 | 58\% | \$2,320.50 |
| sY5.110 | Balimo |  | sY5-110 | 1 | \$3,447.00 | 58\% | \$1,447.74 |
| SY5.220 | Belimo |  | SY5.220 | 1 | \$3,447.00 | 58\% | \$1,447.74 |
| SY5.24 | Belimo |  | SY5.24 | 1 | \$3,447.00 | 58\% | \$1,447.74 |
| SY5-24MET | Belimo |  | SY5-24MET | 1 | \$5,962.00 | 58\% | \$2,504.04 |
| S86-110 | Belimo |  | S86-110 | 1 | \$4,109.00 | 58\% | \$1,725.78 |
| SY6-220 | Belimo |  | SY6.220 | 1 | \$4,109.00 | 58\% | \$1,725.78 |
| sy>-110 | Balimo |  | sy>-110 | 1 | \$4,918.00 | 58\% | \$2,065.56 |
| sy7-220 | Belimo |  | s87-220 | 1 | \$4,918.00 | 58\% | \$2,065.56 |
| sy8.110 | Belimo |  | sy8.110 | 1 | \$6,595.00 | 58\% | \$2,769.90 |
| S88.220 | Belimo | Non-Spring Retur, 13350 in-li, Onnotit,230V | SY8.220 | 1 | \$6,595.00 | 58\% | \$2,769.90 |
| sy9.110 | Belimo |  | sY9.110 | 1 | \$8,161.00 | 58\% | \$3,427.62 |
| sY9.220 | Belimo |  | sY9.220 | 1 | \$8,161.00 | 58\% | \$3,427.62 |
| TR24-SR300 Us | Belimo |  | TR24.4R300 US | 1 | \$233.00 | 58\% | \$97.86 |
| TR24.4R500 Us | Balimo | Non-Spring Reum, 18 in-lb,,-10 vovc, 24 V | TR24.4R5500 US | 1 | \$244.00 | 58\% | \$102.48 |
| Zonetionc | Balimo | Zonetionc | Zonetionc | 1 | \$112.00 | 58\% | \$47.04 |
| zonelianc.s | Belimo | ZONEEITONC.S | zonelianc.s | 1 | \$125.00 | 58\% | \$52.50 |
| ZONE 120NO | Belimo | Zonetiono | ZONE 120NO | 1 | \$112.00 | 58\% | \$47.04 |
| ZONELI2NO.S | Beimo | ZONEL2ONO.S | ZONEI2ONO.S | 1 | \$125.00 | 58\% | \$52.50 |
| zonezzono | Belimo | zonezzono | zonezano | 1 | \$123.00 | 58\% | \$51.66 |
| Zonezanc | Beimo | ZONE2ANC | ZONE2ANC | 1 | \$112.00 | 58\% | \$47.04 |
| zone2anc.s | Beimo | zone2anc.s | zonezanc.s | 1 | \$125.00 | 58\% | \$52.50 |
| ZONE24NO | Belimo | Zone2ano | zone2no | 1 | \$112.00 | 58\% | \$47.04 |
| zone2ano.s | Beimo | zone2ano.s | zone2ano.s | 1 | \$125.00 | 58\% | \$52.50 |
| ZONE215N-10+ZONE 120NC | Beimo | ZONE2 25N-10-ZONE 120NC | ZONE2 15N-10-ZONE 120NC | 1 | \$176.00 | 58\% | \$73.92 |
| ZONE215N-10+ZONE 120 NC -S | Beimo | ZONE215N-10+ZONE12ONC.S | ZONE215N-10+ZONE12ONC.S | 1 | \$189.00 | 58\% | \$79.38 |
| ZONE215N-10+ZONE120NO | Belimo | ZONE2 25N-10+ZONE 120NO | ZONE2155-10-ZONE120NO | 1 | \$176.00 | 58\% | \$73.92 |
| ZONE215N-10+ZONEE120NO.S | Belimo | ZONE215N-10+ZONELI2NO.S | ZONE215N-10+ZONEL2ONO.S | 1 | \$189.00 | 58\% | \$79.38 |
| ZONE215N-10+ZONE 230 NC | Belimo | ZONE215N-10+ZONE 2 230NC | ZONE215N-10+ZONEZ3ONC | 1 | \$176.00 | 58\% | \$73.92 |
| ZONE215N-10+ZONE23NN.S | Beimo | ZONE215N-10+ZONEZ3aNC.S | ZONE215N-10+ZONEZ23NC.S | 1 | \$190.00 | 58\% | \$79.80 |
| ZONE215N-10+ZONE230NO | Belimo | ZONE2 25N-10-ZONEZ30NO | ZONE2155-10-ZONE230NO | 1 | \$176.00 | 58\% | \$73.92 |
| ZONE215N-10+ZONE 233 NO -S | Beimo | ZONE215N-10+ZONE230NO.S | ZONE215N-10+ZONE230NO.s | 1 | \$190.00 | 58\% | \$79.80 |
| ZONE215N-10+ZONE24NC | Belimo | ZONE215N-10+ZONE $24 \times 1 \mathrm{C}$ | ZONE215N-10+ZONE24NC | 1 | \$176.00 | 58\% | \$73.92 |
| ZONE2 $25 \mathrm{SN}-10$ +ZONE24NC.S | Belimo | ZONE225N-10-ZONE2ANC.S | ZONE2 15N-10-ZONE24NC.S | 1 | \$189.00 | 58\% | \$79.38 |
| ZONE215N-10+2ONE24NO | Beimo | ZONE215N-10+ZONE24NO | ZONE215N-10+ZONE 2 2NO | 1 | \$176.00 | 58\% | \$73.92 |
| ZONE2 25N-10+ZONE24NO.s | Belimo | ZONE215N-10-ZONE2ANO.S | ZONE215N-10-ZONE24NO.S | 1 | \$189.00 | 58\% | \$79.38 |
| ZONE215N-25+ZONE 120NC | Belimo | ZONE215N-25-ZONE 120NC | ZONE215N-25+ZONE 120NC | 1 | \$176.00 | 58\% | \$73.92 |
| ZONE215N-25-ZONE 120NC.S | Beimo | ZONE215N-25+ZONEE120NC.S | ZONE215N-25+ZONEE120NC.S | 1 | \$189.00 | 58\% | \$79.38 |
| ZONE2215N-25+ZONE 120NO | Beimo | ZONE2 215 N -25+ZONE 120 NO | ZONE2 25N-25-ZONE 120NO | 1 | \$176.00 | 58\% | \$73.92 |
| ZONE215N-25+ZONEE120NO.S | Beimo | ZONE215N-25+ZONELI2NO.S | ZONE215N-25+ZONE12ONO.S | 1 | \$189.00 | 58\% | \$79.38 |
| ZONE215N-25+ZONE230NC | Belimo | ZONE2 25N-25-ZONEZ30NC | ZONE215N-25+ZONEZ3ONC | 1 | \$176.00 | 58\% | \$73.92 |
| ZONE215N-25-Z2NE230NC.S | Beimo | ZONE215N-254ZZONE23NC.S | ZONE215N-25-ZONE230NC.S | 1 | \$190.00 | 58\% | \$79.80 |
| ZONE215N-25+ZONE230NO | Beimo | ZONE225N-25-ZONEZ30NO | ZONE225N-25+ZONEZ30NO | 1 | \$176.00 | 58\% | \$73.92 |
| ZONE215N-25-ZONE230No.s | Belimo | ZONE215N-25+ZONE230NO.S | ZONE215N-25+ZONE230NO.S | 1 | \$190.00 | 58\% | \$79.80 |
| ZONE215N-25+2ONE24NC | Beimo | ZONE215N-25F-2ONE24NC | ZONE215N-25-ZONE24NC | 1 | \$176.00 | 58\% | \$73.92 |
| ZONE2 25N-25-ZONE24NC.S | ${ }^{\text {Beimo }}$ | ZONE225N-25+ZONE24NC.S | ZONE225N-25+ZONE24NC.S | 1 | \$189.00 | 58\% | \$79.38 |
| ZONE215N-25+ZONE24NO | Beimo | ZONE215N-25-7ONE24NO | ZONE215N-25+ZONE24NO | 1 | \$176.00 | 58\% | \$73.92 |
| ZONE2 25N-25-ZONE24NO.S | Belimo | ZONE215N-25-ZONE24NO.S | ZONE215N-25-ZONE24NO.S | 1 | \$189.00 | 58\% | \$79.38 |
| ZONE215N:35+ZONE120NC | Belimo | ZONE 215N-35+ZONE 120NC | ZONE215N 35 +ZZONE120NC | 1 | \$176.00 | 58\% | \$73.92 |
| ZONE215N-35-ZZNEE120NC.S | Beimo | ZONE215N-354ZZOEE120NC.S | ZONE215N-35-ZONELI2NC.S | 1 | \$189.00 | 58\% | \$79.38 |
| ZONE215N:35+ZONE 120NO | Belimo | ZONE215N-35+ZONE 120NO | ZONE215N-35+ZONE120NO | 1 | \$176.00 | 58\% | \$73.92 |
| ZONE215N-35-ZONEE120NO.s | Belimo | ZONE215N-35+ZONE 120 NO -S | ZONE215N-35+ZONE 120 NO -s | 1 | \$189.00 | 58\% | \$79.38 |
| ZONE215N:35+ZONE 230 NC | Beimo | ZONE215N-35+ZONEZ230NC | ZONE215N:35-ZONEZ230NC | 1 | \$176.00 | 58\% | \$73.92 |
| ZONE215N-35+zoNez23NC.S | Beimo | ZONE215N-35+ZONEZ33NC.S | ZONE215N-35-ZONEE33NC.S | 1 | \$190.00 | 58\% | \$79.80 |
| ZONE2215N 35 F-ZONE230NO | Beimo | ZONE2 25N-35-ZONEZ30NO | ZONE215N-35+ZONE230NO | 1 | \$176.00 | 58\% | \$73.92 |
| ZONE215N-35-ZZNE230No.s | Belimo | ZONE215N-35+ZONEZ33NO.S | ZONE215N-35+ZONEZ33NO.s | 1 | \$190.00 | 58\% | \$79.80 |
| ZONE215N-35+ZONE24NC | Beimo | ZONE215N-35-ZONE24NC | ZONE215N.35+ZONE24NC | 1 | \$176.00 | 58\% | \$73.92 |
| ZONE2 2 SN-35-ZONE24NC.s | Belimo | ZONE215N-35+ZONE24NC.S | ZONE2 25N-35+ZONE24NC.S | 1 | \$189.00 | 58\% | \$79.38 |
| ZONE215N-35+ZONE24NO | Belimo | ZONE215N-35+ZONE24NO | ZONE215N-35+ZONE24NO | 1 | \$176.00 | 58\% | \$73.92 |
| ZONE215N-35-ZONE24NO.s | Beimo | ZONE215N-35-ZONE24NO.S | ZONE215N-35-ZONE24NO.S | 1 | \$189.00 | 58\% | \$79.38 |
| ZONE2155-10-ZONE120NC | Beimo | ZONE 2155-10-ZONE 120NC | ZONE2155-10-ZONE 120NC | 1 | \$172.00 | 58\% | \$72.24 |
| ZONE215s-10+ZONEE120NC.S | Belimo | ZONE215-10+ZONELI2NC.S | ZONE215-10+ZONE120NC.S | 1 | \$185.00 | 58\% | 877.70 |
| ZONE2155-10+ZONE 120NO | Beimo | ZONE2155-10-ZONE 120 NO | ZONE2155-10-ZONE 120 NO | 1 | \$172.00 | 58\% | \$72.24 |
| ZONE215s-10+ZONE 120 Na -s | Beimo | ZONE215-10+ZONE 120NO.S | ZONE215-10+ZONE 120No.s | 1 | \$185.00 | 58\% | \$77.70 |
| ZONE2155-10+ZONE 230 NC | Belimo | ZONE2155-10-ZONEZ3ONC | ZONE2155-10+ZONEZ30NC | 1 | \$172.00 | 58\% | \$72.24 |
| ZONE215s-10+ZONEE23NC.S | Beimo | ZONE2155-10+ZONE230NC.S | ZONE2155-10+ZONE230NC.S | 1 | \$185.00 | 58\% | \$77.70 |
| ZONE2155-10+ZONEZ230NO | Beimo | ZONE2155-10-ZONE 2300 | ZONE2215-10-ZONEZ230NO | 1 | \$172.00 | 58\% | \$72.24 |
| ZONE215-10+ZONEE33NO.s | Beimo | ZONE2155-10+ZONE230NO.S | ZONE2155-10+ZONEZ3ONO-S | 1 | \$185.00 | 58\% | 877.70 |
| ZONE215s-10+ZONE24NC | Belimo | ZONE215-10+ZONE24NC | ZONE215s-10+ZONE24NC | 1 | \$172.00 | 58\% | \$72.24 |
| ZONE2215S-10-ZONE24NC.S | Beimo | ZONE2155-10-ZONE2ANC.S | ZOnE2155-10-Z2NE24NC.S | 1 | \$185.00 | 58\% | \$77.70 |
| ZONE2155-10+ZONE2ANO | Beimo | ZONE2155-10+ZONE 2 240 | ZONE215S-10+ZONE 2 ANO | 1 | \$172.00 | 58\% | \$72.24 |
| Zone215s-10+20NE24NO-s | Beimo | ZONE2155-10-ZONE24NO.S | ZONE2155-10-ZONE24NO.S | 1 | \$185.00 | 58\% | \$77.70 |
| ZONE215-25+ZONE 120NC | Beimo | ZONE225s-25-ZONE120NC | ZONE2155-25-ZONE 120NC | 1 | \$172.00 | 58\% | \$72.24 |
| zONE215s-25-ZONE 120 Na -s | Beimo | ZONE215-25+ZONE 120 NC -S | ZONE2155-25+ZONE12ONC.S | 1 | \$185.00 | 58\% | \$77.70 |
| ZONE 2155 -25+ZONE 120 NO | Baimo | ZONE2 255-25-ZONE 120NO | ZONE2155-25-ZONE 120NO | 1 | \$172.00 | 58\% | \$72.24 |
| ZONE2155-25-ZONE120NO.s | Belimo | ZONE215S-25-ZONE120NO.S | ZONE215S-25+ZONE120NO.S | 1 | \$185.00 | 58\% | \$77.70 |
| ZONE2155-25+2ONE230NC | Baimo | ZONE2155-25-ZONEZ230NC | ZONE2155-25-ZONE230NC | 1 | \$172.00 | 58\% | \$72.24 |
| ZONE2155-254-ZONE230NC.s | Beimo | ZONE2155-25-ZONE230NC.S | ZONE2155-25-ZONE230NC.s | 1 | \$185.00 | 58\% | \$77.70 |
| ZONE2155-25+20NE230NO | Beimo | ZONE2155-25+20NEZ30NO | ZONE2155-25-ZONEZ30NO | 1 | \$172.00 | 58\% | \$72.24 |
| ZONE1215-254ZONEE33NO.s | Beimo | ZONE215-25-ZONEZ33NO.S | ZONE115-25+ZONEZ3ONO.S | 1 | \$185.00 | 58\% | \$77.70 |
| ZONE2155-25+20NE24NC | Beimo | ZONE215-25-72NE24NC | ZONE2155-25+ZONEZ24NC | 1 | \$172.00 | 58\% | \$72.24 |
| ZONE215S-25-ZONE24NC.s | Beimo | ZONE215s-25-7ONE24NC.S | ZONE215s-25-ZONE24NC.S | 1 | \$185.00 | 58\% | \$77.70 |
| ZONE215s-25+ZONE24NO | Belimo | ZONE215-25+ZONE24NO | ZONE215-25+ZONE24NO | 1 | \$172.00 | 58\% | \$72.24 |
| ZONE2155-25-720NE24NO-S | Baimo | ZONE215s-25-ZONE24NO.S | ZONE2155-25-ZONE2ANO.S | 1 | \$185.00 | 58\% | \$77.70 |
| ZONE2155-35+ZONE120NC | Beimo | ZONE2155-35-ZONE 1200 C | ZONE2155-35-ZONE 120NC | 1 | \$172.00 | 58\% | \$72.24 |
| ZONE2155-35-ZONE 120 NC -s | Beimo | ZONE2159-35-ZONE 120 NC C.S | ZONE2155-35+ZONE120NC.S | 1 | \$185.00 | 58\% | \$77.70 |
| ZONE215S-35+ZONE 120NO | Beimo | ZONE275S-35-ZONE120NO | ZONE2155-35-70NE 120NO | 1 | \$174.00 | 58\% | \$73.08 |
| ZONE2155-35-ZONE120NO.S | Beimo | ZONE2155-35-ZONE 120NO.S | ZONE2155-35-ZONE 120NO.S | 1 | \$185.00 | 58\% | \$77.70 |
| ZONE2155-35+ZONE230NC | Baimo | ZONE2155-35-ZONEZ230NC | ZONE2155-35-ZONE230NC | 1 | \$172.00 | 58\% | \$72.24 |
| ZONE2155-35-ZONE 233 NC -s | Belimo | ZONE2155-35-ZONEZ33NC.S | ZONE2155-35+ZONEZ33NC.S | 1 | \$185.00 | 58\% | \$77.70 |
| ZONE2155-35+ZONE230NO | Beimo | ZONE2155-35+ZONEZ30NO | ZONE2155-35-ZONEZ230NO | 1 | \$172.00 | 58\% | \$72.24 |
| ZONE2159-35-ZONE230No.s | Beimo | ZONE2155-35-ZONEZ33NO.s | ZONE2155-354ZONE230NO.s | 1 | \$185.00 | 58\% | \$77.70 |
| ZONE2155-35+ZONE24NC | Beimo | ZONE215s-35-ZONE24NC | ZONE2155-35-ZONE2ANC | 1 | \$172.00 | 58\% | \$72.24 |
| ZONE2215s-35-ZONE24NC.s | Beimo | ZONE2155-35-7ONE24NC.S | ZONE215s-35-ZONE24NC.S | 1 | \$185.00 | 58\% | \$77.70 |
| ZONE2155-33+7ONE24NO | Beimo | ZONE2155-35+ZONE24NO | ZONE2155-35+ZONE24NO | 1 | \$172.00 | 58\% | \$72.24 |
| ZONE215s-35-720NE24NO.S | Baimo | ZONE215s-35+ZONE 24 ANO -S | ZONE2155-35-7ONE24NO.S | 1 | \$185.00 | 58\% | \$77.70 |
| ZONE220N35+ZONE120NC | ${ }^{\text {Beimo }}$ | ZONE220N35+ZONE120NC | ZONE220N35-Z-ZNE120NC | 1 | \$194.00 | 58\% | \$81.48 |
| ZONE220N35-Z20NE120NC.s |  | ZONEE220N-35+ZONE12ONC.S | ZONEE220-35-ZONE120NC.S |  | \$207.00 | 58\% | \$86.94 |

The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Hicroprocessor-Controled HVAC Equipment in a builing or facilly. Buidng Management Systems and Buidng Control Systems are also subcaegores of Buding Auo waion Systems.
3. Integrated Microprocessor-Controlled HV AC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mour Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and , Sy for to allow the Building Automation System or Energy Management System to monitor the performance of these commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm interface Pane (1), and/or other similar device, which utilize certain protocols (e.g. BACNe, LonTalk, Modbus, etc.) to commumicate among these systems, and where the Building Automan System or fire alarm system allows for monitor of these systems by the authorized user via a single platform or integrated
5. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance; and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or mainten te of Integrated Microprocessor-Based HVAC Equipments

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
. Factory Installed/Factory-Provided micro-processor--controlled includedco remote I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
the contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased rom these contracts for any other purposes, including, but not imited
A. General Purpose 1 , Telecommumications, Networking Cabing, hier Opics (e.g. phone, phx, aigia centrex, digita key systems, television, cals, Ahe, general broadband

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency
B. To identify an individual(s)' location in the event of a fire or emergency.

## 



 ZONE2ONN:35-ZONE2ANC

 ZONE E2ON-5OOZONE EIONC ZONE22ON-50+ZONE 120 NO ZONE22ON. $50+Z 20 N$ E120NOS
 ZONE $220 \mathrm{~N}: 50+2 \mathrm{ZO}$ E230NO ZONEE2ON-SOOZONEZ230NO

 ZONE22ON.5OTZONE24NO ZONE 2 2OS 3 -35-ZONE




 ZONE220S-35+ZONEZ2NC



 ZONE2200S.50+ZONEE23ONC ZONE220SS.50-ZONE EZ3ONC



 ZONE225N-8OOZONE 120 NC -
ZONE225N-8O+ZONE 120 NO ZONE 2 25N-8OOZONE 120 NO -

 ZONE225N-80+ZONEZ230NO
 ZONE2255.8O+ZONE24NO
 ZONE $22555-8$-OZOONE 120 NC -


 ZONE2255-80-ZOONEZ23ONO

 ZONE355-10+ZONE I2ONC
 ZONE 3 B5N-10 1 -ZONE E23ONC

 ZONE 3 15N-25FZZONE 120 NC
 ZONE315N-25_ZONE24NC
ZONE315N-25+2ONE2ANC
 ZONE315N-35+ZONE 12ONC ZONE315N-35-ZONE23ONC
 ZONE 3 35N-35+ZONE2ANC. ZONE $3155-10$-ZONE 120 N ZONE $1555-10$-ZONE 120 NC .
ZONE ZONE315-10+ZONE23ONC
 ZONE315S-10+ZONEEANC


 ZONE3155-25-ZZNE24NC
ZONE315S-25+ZONE2ANC.





The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated
Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems. Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
 Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and , Sy Ster to allow the Building Automation System or Energy Management System to monitor the performance of these commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FAP), and/or other similar device, which utilize certain procols (e.g. BACNet, LonTalk, Modbus,解
ystems.
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
a) Is certified by either the Associated Air Balance Councii Bureau- AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arrington,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenate of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, howers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
Factory Installed/Factory-Provided micro-processor--controlled included pum, remote I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
B. Audio Video equirment or systems (es smart bords proiectors studio broadcasting, conference rooms video video conferencing equipment, Theatre Screens/Displays, etc),

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Modeal Mmber |  |  |  | $\begin{gathered} \text { "Warranty Period - \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54 \text { " } \end{gathered}$ | List Price | \% Disooumt | Nss Nel Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ZONE315S-35-ZONE24NC-S | Belimo | ZONE315S-35-ZONE24NC-S | ZONE3155-35-ZONE2ANC-S | 1 | \$202.00 | 58\% | \$84.84 |
| ZONE320N:35+ZONE 120 NC | Belimo | ZONE $2320 \sim 35+Z 2 N E 120 N C$ | ZONE320N:35+ZONE120NC | 1 | \$209.00 | 58\% | \$87.78 |
| ZONEE220N-35-ZONE 120NC.S | Belimo |  | ZONE320N-35-ZONE120NC.S | 1 | \$221.00 | 58\% | \$92.82 |
| Zonezzon-35+ZONEZ3ONC | Beimo | ZONE320N-35+ZONEZ3ONC | ZONEz20N:35+ZONE230NC | 1 | \$209.00 | 58\% | \$87.78 |
| ZONE322N-35-ZONE230NC.S | Belimo | ZONE E220N-35-ZONEE33NC.S | ZONE320N-35+ZONEZ3ONC.S | 1 | \$221.00 | 58\% | \$92.82 |
| ZONE320N:35+ZONEE2NC | Belimo | ZONE320N-35+ZONE24NC | ZONE320N-35+ZONE24NC | 1 | \$209.00 | 58\% | \$87.78 |
| ZONE320N-35+ZONE24NC.S | Beimo | ZONE320N-35+ZONE24NC.S | ZONE320N-35-ZONE24NC.S | 1 | \$221.00 | 58\% | \$92.82 |
| ZONE $230 \mathrm{~N} \cdot 50+\mathrm{ZONE}$ I2ONC | Belimo | ZONE $230 \mathrm{~N} .50+\mathrm{ZONEE} 120 \mathrm{NC}$ | ZONE320N-50+ZONE120NC | 1 | \$209.00 | 58\% | \$87.78 |
| ZONE $320 \mathrm{~N} \cdot 50+\mathrm{ZONE}$ I2ONC.S | Belimo | ZONE $322 \mathrm{~N} .50+\mathrm{ZONEL120NC.S}$ | ZONE $320 \mathrm{~N} \cdot 50+\mathrm{ZONE}$ I2ONC.S | 1 | \$221.00 | 58\% | \$92.82 |
| ZONE 230 N -50+ZONEZ30NC | Belimo | ZONE320N-507ZONE230NC | ZONE320N-50+ZONE230NC | 1 | \$209.00 | 58\% | \$87.78 |
| ZONE322N-50-ZONE230NC.S | Belimo | ZONEE320N-50+ZONEZ33NC.S | ZONE320N-50+ZONEz30NC.S | 1 | \$221.00 | 58\% | \$92.82 |
| ZONE320V:50+ZONE24NC | Belimo | ZONE320N:5O+ZONE24NC | ZONE320.50\%ZONE24NC | 1 | \$209.00 | 58\% | \$87.78 |
| ZONE320N-50-ZONE24NC.S | Beimo | ZONE320N:50-ZONE24NC.S | ZONE320N-50-ZONE2ANC.S | 1 | \$221.00 | 58\% | \$92.82 |
| ZONE 3209 S55-ZONE 2 20NC | Beimo | ZONE320S 35 FZZONE 120 NC | ZONEz20S-354ZONE120NC | 1 | \$204.00 | 58\% | \$85.68 |
| ZONE 320 Sa -35-ZONE 120 NC -S | Belimo | ZONE 5220 S 35 +ZONE12ONC.S | ZONEE220S-35-ZONE120NC.S | 1 | \$217.00 | 58\% | \$91.14 |
| ZONE320S-35-ZONEZ30NC | Beimo | ZONE 2305 S $35+$ ZOONE230NC | ZONE 2300 -357ZONE230NC | 1 | \$187.00 | 58\% | \$78.54 |
| ZONEE220S-35-ZONE230NC.S | Belimo |  | ZONEE20S-35-ZONE230NC.S | 1 | \$217.00 | 58\% | \$91.14 |
| ZONE320S 35 FZONE $24 \times 1 \mathrm{C}$ | Belimo | ZONE320S $35+$ ZONE $24 \times 1 \mathrm{C}$ | ZONE329S $35+$ ZONE $24 \times \mathrm{NC}$ | 1 | \$204.00 | 58\% | \$85.68 |
| ZONE320S-354ZONE24NC.S | Belimo | ZONEz20S-35-ZONE24NC.S | ZONE320SS35-ZONE2ANC-s | 1 | \$217.00 | 58\% | \$91.14 |
| ZONE 2300.50 POONE 120NC | Beimo | ZONE 220 S .50 +ZONE 120 NC | ZONE $220 \mathrm{~S} \cdot 50+\mathrm{ZONE} 120 \mathrm{NC}$ | 1 | \$204.00 | 58\% | \$85.88 |
| ZONEE220-50-ZONE 12ONC.S | Beimo | ZONE320S 50 OZONE 120 NC -S | ZONEE220S 50 +ZONE 120 NC -S | 1 | \$217.00 | 58\% | \$91.14 |
| ZONE3209:50-ZONEZ30NC | Belimo | ZONE320.50\%-ZONE230NC | ZONE320S.50\%ZONE230NC | 1 | \$187.00 | 58\% | \$78.54 |
| ZONE 320 S -50-ZONE 230 NC -S | Belimo | ZONE 2320 S50+ZONE 230 NC -S | ZONE320S.50+ZONE 2 O2NC.S | 1 | \$221.00 | 58\% | \$92.82 |
| ZONE320.50\%ZONE24NC | Belimo | ZONE320S-50+ZONE24NC | ZONE320. $50+$ ZONE 24 NC | 1 | \$204.00 | 58\% | \$85.68 |
| ZONE3200.50\%zone 2 anc.s | Belimo | ZONEz20S-50-7ONE24NC.S | ZONE320:50-ZONE24NC-S | 1 | \$217.00 | 58\% | \$91.14 |
| ZONE325N-80+ZONE 120NC | Belimo | ZONE325N-80+ZONEE120NC | ZONE325N-8OOZONE120NC | 1 | \$267.00 | 58\% | \$112.14 |
| ZONE323N-80+ZONE 120NC.S | Belimo | ZONE 325 SN 80+ZONEL120NC.S | ZONE325N-80+ZONE120NC.s | 1 | \$280.00 | 58\% | \$117.60 |
| ZONE325N-80+ZONEZ30NC | Belimo |  | ZONE325N-8OOZONE230NC | 1 | \$267.00 | 58\% | \$112.14 |
| ZONE325N-80ZZONE230NC.S | Belimo |  | ZONE325N-80+ZONEz30NC.S | 1 | \$280.00 | 58\% | \$117.60 |
| ZONE325N-80+ZONE24NC | Belimo | ZONE325N-8OOZONE24NC | ZONE325N-80+ZONE24NC | 1 | \$267.00 | 58\% | \$112.14 |
|  | Belimo | ZONE325N-80-72NE24NC.S |  | 1 | \$280.00 | 58\% | \$117.60 |
| ZONE3255-80-ZONE 120NC | Belimo | ZONE $2235.80+Z \mathrm{ZONEL2ONC}$ | ZONE3255.80+ZONE 120NC | 1 | \$257.00 | 58\% | \$107.94 |
| ZONE $3235.80+$ ZONE 120 NC -S | Belimo | ZONE $2325.80+$ ZONELI2NC.S | ZONE325S-80+ZONE120NC.S | 1 | \$269.00 | 58\% | \$112.98 |
| ZONE3255-80-ZONEZ30NC | Belimo | ZONEE225.80+ZONE230NC | ZONE3255.80+ZONE230NC | 1 | \$257.00 | 58\% | \$107.94 |
| ZONE3255-80+ZONE230NC.s | Beimo | ZONE E225s.80+ZONEZ23NC.S | ZONE $32355.80+7$ ZONE230NC.S | 1 | \$269.00 | 58\% | \$112.98 |
| ZONE3255-80+20NE24NC | Belimo | ZONE3255-80+ZONE 2 24NC | ZONEE255.80+ZONE24NC | 1 | \$257.00 | 58\% | \$107.94 |
| ZONE3255.8O+ZONE24NC.S | Belimo | ZONE3255-80-ZONE24NC.S | ZONE2255-80+ZONE24NC.S | 1 | \$269.00 | 58\% | \$112.98 |


| C-1200 |
| :---: |
| $\mathrm{C}-1200 \mathrm{HV}$ |
| C-1300 |
| C-2200 |
| C-2300 |
| C-2300-Hv |
| C-1220 |
| C-1220-L |
| C-1220-HV |
| C-1320 |
| C-2220 |
| C-2320 |
| ${ }_{\text {C-2320-L }}^{\text {C-232-H }}$ |
| C-2320HV |
| C-2330 |
| $\mathrm{C}-2330 \mathrm{HV}$ |
| ${ }_{\text {C-2350VFD }}$ |
| ${ }^{2350 \mathrm{~V}}$ |
| C-1203 |
| C-1205 |
| C-2343 |
| C-2344 |
| c-2345 |
| C-2343-L |
| C-2345-L |
| C-2343-200 |
| CR3-24 |
| CR4-24 |
| CR3-12 |
| CR4-12 |
| C-1500-6 |
| C-1550 |
| CO2-VAL |
| CO2RL |
| CO2D-A |
| CO2D-C |
| CO2D-D |
| CO2D-E |
| co2D-F |
| CO2D-G |
| CO2D-H |
| CO2D-I |
| co2D-J |
| CO2D-K |
| co2D-L |
| CO2D-VAL-A |
| CO2D-VAL-C |
| CO2D-VAL-D |
| co2d-VAL-E |
| CO2D-VAL-F |
| CO2D-VAL-G |
| co2d-VAL-H |
| CO2D-VAL-I |
| CO2D-VAL-J |
| CO2D-VAL-K |
| co2d-val-L |
| CO2O-A |
| CO2-5 |
| AQW-AAAAA |
| AQW-AAAAAE |
| AQW-AAAACE |
| AQW-AAABA |



[^0]Analog 4-20mA, $0 .-15 A$, solid core - mine - mini
Duct, CO2, LCD, 100 Ohm Platinum
Duct, CO2, LCD, 1000 Ohm Plai
Duct, CO2, LCD, 10 k Type2
Duct, CO2, LCD, 10 k Type 3
Duct, CO2, LCD, 3k Thermistor
Duct, COO, LCD, 2.2 k Thermistor
Duct, $\mathrm{Co2}, \mathrm{LCD}, 1.8 \mathrm{~K}$ Thermistor
Duct, CO2, LCD, 20k Thermistor
Duct, CO2, LCD, 100 k Thermistor
uct, CO 2
Duct, CO2, 100 Ohm Platinum
puct, CO2, 10k Type2
Duct, CO2, 10k 11k Shun
Duct, CO 2, , 2. k Thermistor
uct, CO2, 20k Thermistor
Juct, CO2, 100k Thermistor
Replacement CO2 Element
alog, 10K2 TH
Analog, 1 K SId

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The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Inctled], Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and . products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
5. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenance of Integrated Microprocessor-Based HVAC Equipment;

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs owers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
A. General Purpose I,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

|  |  |  |  | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54 " | List Price | \% Discoum | Ns Net Pice |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| AQW-AAABBE1 | Senva | Analog, 1K Sld, 10K2 TH, O/R | AQW-AAABBE 1 | 1 | \$225.00 | 24\% | \$171.00 |
| AQW-AAABBF1 | Senva | Analog, 1K Sld, 10К3 $\mathrm{TH}, \mathrm{O} / \mathrm{R}$ | AQW-AAABBF1 | 1 | \$225.00 | 24\% | \$171.00 |
| AQW-AAABBG1 | Senva | Analog, 1K Sld, 10 K 3 TH, 11k SHUNT, O/R | AQW-AAABBG1 | 1 | \$225.00 | 24\% | \$171.00 |
| AQW-AAACAA 1 | Senva | Analog, 10K Sld | AQW-AAACAA 1 | 1 | \$201.00 | 24\% | \$152.76 |
| AQW-AAACBD 1 | Senva | Analog, 10 K Sld, 1000 PT (385) RTD, O/R | AQW-AAACBD 1 | 1 | \$225.00 | 24\% | \$171.00 |
| AQW-AAACBE1 | Senva | Analog, $10 \mathrm{~K} \mathrm{Sld}, 10 \mathrm{KT} 2 \mathrm{TH}, \mathrm{O} / \mathrm{R}$ | AQW-AAACBE1 | 1 | \$225.00 | 24\% | \$171.00 |
| AQW-AAACBF1 | Senva | Analog, $10 \mathrm{~K} \mathrm{Sld}, 10 \mathrm{KT} 3$ TH, O/R | AQW-AAACBF1 | 1 | \$225.00 | 24\% | \$171.00 |
| AQW-AABAAA1 | Senva | Analog, $2 \%$ RH | AQW-AABAAA1 | 1 | \$300.00 | 24\% | \$228.00 |
| AQW-AABAAD1 | Senva | Analog, 2\% RH, 1000PT (385) TH | AQW-AABAAD1 | 1 | \$315.00 | 24\% | \$239.40 |
| AQW-AABAAE1 | Senva | Analo, 2\% RH, 10 K 2 TH | AQW-AABAAE1 | 1 | \$315.00 | 24\% | \$239.40 |
| AQW-AABAAF1 | Senva | Analog, 2\% RH, 10 кз т ${ }^{\text {т }}$ | AQW-AABAAF1 | 1 | \$315.00 | 24\% | \$239.40 |
| AQW-AABAAG1 | Senva | Analog, $2 \% \mathrm{RH}, 10 \mathrm{~K} 3$ TH, 11 K SHUNT | AQW-AABAAG1 | 1 | \$315.00 | 24\% | \$239.40 |
| AQW-AABAAK1 | Senva | Analog, $2 \% \mathrm{RH}, 20 \mathrm{KTH}$ | AQW-AABAAK1 | 1 | \$315.00 | 24\% | \$239.40 |
| AQW-AABABE1 | Senva | Analog, $2 \% \mathrm{RH}, 10 \mathrm{~K} 2 \mathrm{TH}, \mathrm{O} / \mathrm{R}$ | AQW-AABABE 1 | 1 | \$324.00 | 24\% | \$246.24 |
| AQW-AABABF1 | Senva | Analog, $2 \% \mathrm{RH}, 10 \mathrm{~K} 3 \mathrm{TH}, \mathrm{O} / \mathrm{R}$ | AQW-AABABF1 | 1 | \$324.00 | 24\% | \$246.24 |
| AQW-AABABK1 | Senva | Analog, $2 \% \mathrm{RH}, 20 \mathrm{~K}$ TH, O/R | AQW-AABABK1 | 1 | \$324.00 | 24\% | \$246.24 |
| AQW-AABACK1 | Senva | Analog, 2\% RH, 20K TH, P/B | AQW-AABACK1 | 1 | \$324.00 | 24\% | \$246.24 |
| AQW-AABBAE1 | Senva | Analog, 2\% RH, 1K Sld, 10K2 TH | AQW-AABBAE1 | 1 | \$336.00 | 24\% | \$255.36 |
| AQW-AABBBE1 | Senva | Analog, $2 \%$ RH, 1 K Sld, $10 \mathrm{~K} 2 \mathrm{TH}, \mathrm{OR}$ | AQW-AABBBE1 | 1 | \$345.00 | 24\% | \$262.20 |
| AQW-AABBBF1 | Senva | Analog, $2 \% \mathrm{RH}, 1 \mathrm{~K}$ Sld, $10 \mathrm{~K} 3 \mathrm{TH}, \mathrm{O/R}$ | AQW-AABBBF1 | 1 | \$345.00 | 24\% | \$262.20 |
| AQW-AABBCA1 | Senva | Analog, $2 \% \mathrm{RH}, 1 \mathrm{~K} \mathrm{Sld}$, P/B | AQW-AABBCA1 | 1 | \$330.00 | 24\% | \$250.80 |
| AQW-AABCBE1 | Senva | Analog, $2 \% \mathrm{RH}, 10 \mathrm{~K}$ Sld, $10 \mathrm{~K} 2 \mathrm{TH}, \mathrm{O} / \mathrm{R}$ | AQW-AABCBE1 | 1 | \$345.00 | 24\% | \$262.20 |
| AQW-AABCBF1 | Senva | Analog, $2 \% \mathrm{RH}, 10 \mathrm{~K} \mathrm{Sld}, 10 \mathrm{~K} 3 \mathrm{TH}, \mathrm{O} / \mathrm{R}$ | AQW-AABCBF1 | 1 | \$345.00 | 24\% | \$262.20 |
| AQW-ABAAAA 1 | Senva | Analog, CO2 | AQW-ABAAAA1 | 1 | \$450.00 | 24\% | \$342.00 |
| AQW-AbAAAE1 | Senva | Analog, CO2, 10 K 2 TH | AQW-ABAAAE1 | 1 | \$465.00 | 24\% | \$353.40 |
| AQW-AbAAAF1 | Senva | Analog, CO2, 10 K 3 TH | AQW-ABAAAF1 | 1 | \$465.00 | 24\% | \$353.40 |
| AQW-ABAAAG1 | Senva | Analog, CO2, 10 K 3 TH | AQW-ABAAAG1 | 1 | \$465.00 | 24\% | \$353.40 |
| AQW-AbAAAH1 | Senva | Analog, $\mathrm{CO} 2,3 \mathrm{KTH}$ | AQW-ABAAAH1 | 1 | \$465.00 | 24\% | \$353.40 |
| AQW-ABAAAK1 | Senva | Analog, CO2, 20К TH | AQW-ABAAAK1 | 1 | \$465.00 | 24\% | \$353.40 |
| AQW-ABAABE 1 | Senva | Analog, CO2, 10K2 TH, O/R | AQW-ABAABE 1 | 1 | \$474.00 | 24\% | \$360.24 |
| AQW-ABAABF1 | Senva | Analog, $\mathrm{CO} 2,10 \mathrm{~K} 3 \mathrm{TH}, \mathrm{O} / \mathrm{R}$ | AQW-ABAABF1 | 1 | \$474.00 | 24\% | \$360.24 |
| AQW-AbAACA1 | Senva | Analog, CO2, P/B | AQW-ABAACA1 | 1 | \$459.00 | 24\% | \$348.84 |
| AQW-AbABAD1 | Senva | Analog, CO2, 1K Sld, 1000 PT (385) TH | AQW-ABABAD1 | 1 | \$486.00 | 24\% | \$369.36 |
| AQW-AbABAF1 | Senva | Analog, CO2, 1K Sld, 10K3 TH | AQW-ABABAF1 | 1 | \$486.00 | 24\% | \$369.36 |
| AQW-ABABBD 1 | Senva | Analog, CO2, 1 K Sld , 1000PT RTD, O/R | AQW-ABABBD 1 | 1 | \$495.00 | 24\% | \$376.20 |
| AQW-AbABBE 1 | Senva | Analog, CO2, 1K Sld, 10 2 2 $\mathrm{TH}, \mathrm{O} / \mathrm{R}$ | AQW-ABABBE 1 | 1 | \$495.00 | 24\% | \$376.20 |
| AQW-ABABBF1 | Senva | Analog, CO2, $1 \mathrm{~K} \mathrm{SId}, 10 \mathrm{~K} 3$ TH, O/R | AQW-ABABBF1 | 1 | \$495.00 | 24\% | \$376.20 |
| AQW-ABABBK1 | Senva | Analog, CO2, 1K Sld, 20K TH, O/R | AQW-ABABBK1 | 1 | \$495.00 | 24\% | \$376.20 |
| AQW-ABACBD1 | Senva | Analog, CO2, 10K Sld, 1000PT RTD, O/R | AQW-ABACBD 1 | 1 | \$495.00 | 24\% | \$376.20 |
| AQW-AbACBE1 | Senva | Analog, CO2, 10K Sld, 10K2 TH, O/R | AQW-ABACBE1 | 1 | \$495.00 | 24\% | \$376.20 |
| AQW-ABACBF1 | Senva | Analog, CO2, 10K Sld, $10 \mathrm{~K} 3 \mathrm{TH}, \mathrm{O} / \mathrm{R}$ | AQW-ABACBF1 | 1 | \$495.00 | 24\% | \$376.20 |
| AQW-ABACBK1 | Senva | Analog, CO2, $10 \mathrm{KSld}, 20 \mathrm{~K}$ TH, O/R | AQW-ABACBK1 | 1 | \$495.00 | 24\% | \$376.20 |
| AQW-AbACcai | Senva | Analog, CO2, 10 K Sld, P/B | AQW-ABACCA1 | 1 | \$480.00 | 24\% | \$364.80 |
| AQW-ABACCF1 | Senva |  | AQW-ABACCF1 | 1 | \$495.00 | 24\% | \$376.20 |
| AQW-ABACCK1 | Senva | Analog, CO2, 10 K Sld, 20 K TH, P/B | AQW-ABACCK1 | 1 | \$495.00 | 24\% | \$376.20 |
| AQW-AbBAAA 1 | Senva | Analog, CO2, 2\% RH | AQW-AbBaAA 1 | 1 | \$570.00 | 24\% | \$433.20 |
| AQW-AbBAAD1 | Senva | Analog, CO2, 2\% RH, 1000PT (385) TH | AQW-AbBAAD1 | 1 | \$585.00 | 24\% | \$444.60 |
| AQW-AbBAAE 1 | Senva | Analog, CO2, 2\%RH, 10K2 $\mathrm{TH}^{\text {T }}$ | AQW-AbBAAE 1 | 1 | \$585.00 | 24\% | \$444.60 |
| AQW-AbBAAF1 | Senva | Analog, CO2, 2\%RH, 10К3 TH | Aow-AbBAAF1 | 1 | \$585.00 | 24\% | \$444.60 |
| AQW-ABBABE 1 | Senva | Analog, CO2, $2 \% \mathrm{RH}, 10 \mathrm{~K} 2 \mathrm{TH}, \mathrm{O} / \mathrm{R}$ | AQW-ABBABE 1 | 1 | \$594.00 | 24\% | \$451.44 |
| AQW-AbBABF1 | Senva | Analog, CO2, 2\% RH, 10к3 $\mathrm{TH}^{\text {H, O/R }}$ | AQW-AbBABF1 | 1 | \$594.00 | 24\% | \$451.44 |
| AQW-ABBABG1 | Senva | Analog, CO2, 2\% RH, 10 KK 311 K SHUNT, O/R | AQW-ABBABG1 | 1 | \$594.00 | 24\% | \$451.44 |
| AQW-AbBbaE1 | Senva | Analog, CO2, 2\%RH, $1 \mathrm{~K} \mathrm{Sld}, 10 \mathrm{~K} 2 \mathrm{TH}$ | AqW-AbBbaE1 | 1 | \$606.00 | 24\% | \$460.56 |
| AQW-ABBBAF1 | Senva | Analog, CO2, 2\%RH, $1 \mathrm{~K} \mathrm{SId}, 10 \mathrm{~K} 3$ тH | AQW-AbBBAF1 | 1 | \$606.00 | 24\% | \$460.56 |
| AQW-AbBBBE1 | Senva | Analog, CO2, 2\%RH, 1K Sld, $10 \mathrm{~K} 2 \mathrm{TH}, \mathrm{O} / \mathrm{R}$ | AQW-AbBBBE 1 | 1 | \$615.00 | 24\% | \$467.40 |
| AQW-AbBBBF1 | Senva | Analog, CO2, 2\%RH, 1K Sld, $10 \mathrm{~K} 3 \mathrm{TH}, \mathrm{O/R}$ | AQW-ABBBBF 1 | 1 | \$615.00 | 24\% | \$467.40 |
| AQW-AbBCAF1 | Senva | Analog, CO2, 2\% RH, 10 K Sld , 10 K 3 TH | AQW-AbBCAF1 | 1 | \$606.00 | 24\% | \$460.56 |
| AQW-ABBCBE1 | Senva | Analog, CO2, 2\%RH, 10 K Sld, $10 \mathrm{~K} 2 \mathrm{TH}, \mathrm{O/R}$ | AQW-ABBCBE1 | 1 | \$615.00 | 24\% | \$467.40 |
| AQW-ABBCBF1 | Senva | Analog, CO2, 2\%RH, 10 K Sld, $10 \mathrm{~K} 3 \mathrm{TH}, \mathrm{O/R}$ | AQW-ABBCBF1 | 1 | \$615.00 | 24\% | \$467.40 |
| AQW-ABBCBK1 | Senva | Analog, CO2, 2\% RH, $10 \mathrm{~K} \mathrm{Sld}, 3 \mathrm{KTH}, \mathrm{O} / \mathrm{R}$ | AQW-ABBCBK1 | 1 | \$615.00 | 24\% | \$467.40 |
| AQW-BAAAA 1 | Senva | BACnet, Base Model | AQW-baAAAA 1 | 1 | \$24.00 | 24\% | \$182.40 |
| AQW-BAAACA1 | Senva | BACnet, P/B | AQW-BAAACA1 | 1 | \$249.00 | 24\% | \$189.24 |
| AQW-baAcAA 1 | Senva | BACnet, Sld | AQW-baAcAA 1 | 1 | \$261.00 | 24\% | \$198.36 |
| AQW-baAccai | Senva | BACnet, Sld, P/B | AQW-baAccai | 1 | \$270.00 | 24\% | \$205.20 |
| AQW-babaAA1 | Senva | BACnet, $2 \%$ RH | aqW-babaAal | 1 | \$360.00 | 24\% | \$273.60 |
| AQW-babacal | Senva | BACnet, 2\% RH, P/B | AQW-babacai | 1 | \$369.00 | 24\% | \$280.44 |
| AQW-babccal | Senva | BACnet, 2\% RH, Sld, P/B | AQW-babccal | 1 | \$390.00 | 24\% | \$296.40 |
| AQW-bbaAAA 1 | Senva | BACnet, CO2 | AQW-bbaAAA1 | 1 | \$510.00 | 24\% | \$387.60 |
| AQW-bBAACA1 | Senva | BACnet, CO2, P/B | AQW-bBAACA1 | 1 | \$519.00 | 24\% | \$394.44 |
| AQW-bbaccal | Senva | BACnet, CO2, Sld, P/B | AQW-bbaccal | 1 | \$540.00 | 24\% | \$410.40 |
| AQW-bbBaAA 1 | Senva | BACnet, coz, $2 \%$ RH | aqW-bbBaAA1 | 1 | \$630.00 | 24\% | \$478.80 |
| AQW-bBBaCA1 | Senva | BACnet, CO2, 2\% RH, P/B | AQW-bBBACA1 | 1 | \$639.00 | 24\% | \$485.64 |
| AQW-bBBCAA 1 | Senva | BACnet, CO2, 2\% RH, Sld | AQW-bBBCAA 1 | 1 | \$651.00 | 24\% | \$494.76 |
| AQW-bbBccal | Senva | BACnet, CO2, 2\% RH, Sld, P/B | AQW-bbBccal | 1 | \$660.00 | 24\% | \$501.60 |
| em-pulse | Senva | Em Pulse Meter | em-pulse | 1 | \$255.00 | 24\% | \$193.80 |
| Em-RS485 | Senva | EM Protocol Meter | EM-RS485 | 1 | \$345.00 | 24\% | \$262.20 |
| CVT-F03 | Senva | 300A, Small Coil 9 ", $3^{\prime}$ Data Cable | CVT-F03 | 1 | \$270.00 | 24\% | \$205.20 |
| CVT-F08 | Senva | 800A, Med Coil 15", $3^{\prime}$ Data Cable | CVT-F08 | 1 | \$30.00 | 24\% | \$228.00 |
| CVT-F24 | Senva | 2400A Lrg Coil 24. $3^{\text {' Data Cable }}$ | CVT-F24 | 1 | \$342.00 | 24\% | \$259.92 |
| CVT-F03-L06 | Senva | 300A, Small Coil 9 ", $6^{\prime}$ Data Cable | CVT-F03-L06 | 1 | \$297.00 | 24\% | \$225.72 |
| CVT-F08-L06 | Senva | 800A, Med Coil 15", 6' Data Cable | CVT-F08-L06 | 1 | \$327.00 | 24\% | \$248.52 |
| CVT-F24-L06 | Senva | 2400 A Lrg Coil $24^{4}$, 6 ' Data Cable | CVT-F24-L06 | 1 | \$369.00 | 24\% | \$280.44 |
| CVT-F03-L10 | Senva | 300A, Small Coil $9^{\prime \prime}$, 10 ' Data Cable | CVT-F03-L10 | 1 | \$333.00 | 24\% | \$253.08 |
| CVT-F08-L10 | Senva | 800A, Med Coil $15^{\prime \prime}$, 10 ' Data Cable | CVT-F08-L10 | 1 | \$363.00 | 24\% | \$275.88 |
| CVT-F24-L10 | Senva | 2400A Lrg Coil $244^{\prime \prime}$, 10 ' Data Cable | CVT-F24-L10 | 1 | \$405.00 | 24\% | \$307.80 |
| CVT-FUSE | Senva | Fuse, 600V, 1/2A, Black | CVT-FUSE | 1 | \$114.00 | 24\% | \$86.64 |
| CVT-FUSE-C2 | Senva | Fuse, 600V, 1/2A, Red | CVT-FUSE-C2 | 1 | \$114.00 | 24\% | \$86.64 |
| CVT-FUSE-C6 | Senva | Fuse, 600V, 1/2A, Blue | CVT-FUSE-C6 | 1 | \$114.00 | 24\% | \$86.64 |
| CVT-FUSE-3PH | Senva | Fuse Kit, 600V, 1/2A, 3 Phase | CVT-FUSE-3PH | 1 | \$342.00 | 24\% | \$259.92 |
| HR-2A | Senva | Wall, $2 \%$ RH Transmitter | HR-2A | 1 | \$250.31 | 24\% | \$190.24 |
| HR-2B | Senva | Wall, $2 \%$ RH/Temp Transmitter | HR-2B | 1 | \$252.94 | 24\% | \$192.23 |
| HR-2C | Senva | Wall, $2 \% \mathrm{RH}, 100 \mathrm{Ohm} \mathrm{Platinum}$ | HR-2C | 1 | \$279.19 | 24\% | \$212.18 |
| HR-2D | Senva | Wall, $2 \% \mathrm{RH}, 1000$ Ohm Platinum | HR-2D | 1 | \$279.19 | 24\% | \$212.18 |
| HR-2E | Senva | Wall, 2\% RH, 10k Type2 | HR-2E | 1 | \$334.24 | 24\% | \$254.02 |
| HR-2F | Senva | Wall, 2\% RH, 10k Type3 | HR-2F | 1 | \$334.24 | 24\% | \$254.02 |
| HR-2G | Senva | Wall, $2 \% \mathrm{RHH}, 10 \mathrm{k} 11 \mathrm{k}$ Shunt | HR-2G | 1 | \$334.24 | 24\% | \$254.02 |
| HR-2H | Senva | Wall, $2 \%$ RH, 3 k Thermistor | HR-2H | 1 | \$334.24 | 24\% | \$254.02 |
| HR-21 | Senva | Wall, $2 \% \mathrm{RH}, 2.2 \mathrm{k}$ Thermistor | HR-21 | 1 | \$334.24 | 24\% | \$254.02 |
| HR-2J | Senva | Wall, $2 \% \mathrm{RH}, 1.8 \mathrm{k}$ Thermistor | HR-2J | 1 | \$334.24 | 24\% | \$254.02 |
| HR-2K | Senva | Wall, $2 \%$ RH, 20 k Thermistor | HR-2K | 1 | \$334.24 | 24\% | \$254.02 |
| HR-2L | Senva | Wall, $2 \%$ RH, 100k Thermistor | HR-2L | 1 | \$334.24 | 24\% | \$254.02 |
| HR-3A | Senva | Wall, $3 \%$ RH Transmitter | HR-3A | 1 | \$226.91 | 24\% | \$172.45 |
| HR-3B | Senva | Wall, 3\% RH/Temp Transmitter | HR-3B | 1 | \$229.54 | 24\% | \$174.45 |
| HR-3C | Senva | Wall, $3 \% \mathrm{RH}, 100 \mathrm{Ohm} \mathrm{Platinum}$ | HR-3C | 1 | \$225.79 | 24\% | \$194.40 |
| HR-3D | Senva | Wall, $3 \% \mathrm{RH}, 1000$ Ohm Platinum | HR-3D | 1 | \$255.79 | 24\% | \$194.40 |

The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory Monded HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and . commission and which are integrated with the BuildingAutomation Systems or Energy Man products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, etc.) to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated
5. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenance of Integrated Microprocessor-Based HVAC Equipment;

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, ,
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
A. General Purpose IN, Telecommumicaions, Networ.

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solety to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated ,icroprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Itegrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-MIled HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and , commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor
Controlled HVAC Equipent
 etc.) to communicat.
platforms/systems.
5. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned ins. systems integration, or mainten

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs howers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
. Factory Installed/Factory-Provided micro-processor--controlled included/controte I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
B. Audio-Video equipment or systems (eg. smart boards projectors, studio broadcasting, conference rooms video video conferencing equipment, Theatre Screens/Displays etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' $\mathbf{l}$ location in the event of a fire or emergency.

| Mosel Number |  |  |  | Warranty Period - \# of year(s) after |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| PW10E-A | Senva | Wet-Wet, Low Range, 20' Armored | PW10E-A | 1 | Stipeo.00 | 24\% | NVS Nat Price $\$ 532.00$ |
| PW10F | Senva | Wet-Wet, Low Range, 25' Plenum | PW10F | 1 | \$485.00 | 24\% | \$368.60 |
| PW10F-A | Senva | Wet-Wet, Low Range, 25' Armored | PW 10F-A | 1 | \$800.00 | 24\% | \$688.00 |
| PW10G | Senva | Wet-Wet, Low Range, 30 ' Plenum | PW10G | 1 | \$509.00 | 24\% | \$386.84 |
| PW10G-A | Senva | Wet-Wet, Low Range, 30' Armored | PW10G-A | 1 | \$900.00 | 24\% | \$684.00 |
| PW10H | Senva | Wet-Wet, Low Range, $35^{\prime}$ ' Plenum | PW10H | 1 | \$533.00 | 24\% | \$405.08 |
| PW10H-A | Senva | Wet-Wet, Low Range, 35' Armored | PW10H-A | 1 | \$1,000.00 | 24\% | \$760.00 |
| PW101 | Senva | Wet-Wet, Low Range, 40 ' Plenum | PW101 | 1 | \$554.00 | 24\% | \$421.04 |
| PWW101-A | Senva | Wet-Wet, Low Range, 40' Armored | PW101-A | 1 | \$1,080.00 | 24\% | \$820.80 |
| PWW0J | Senva | Wet-Wet, Low Range, 45' Plenum | PW10J | 1 | \$578.00 | 24\% | \$439.28 |
| PW10J-A | Senva | Wet-Wet, Low Range, 45' Armored | PW10J-A | 1 | \$1,180.00 | 24\% | \$896.80 |
| PWW0k | Senva | Wet-Wet, Low Range, 50 ' Plenum | PWW0k | 1 | \$605.00 | 24\% | \$459.80 |
| PW10k-A | Senva | Wet-Wet, Low Range, 50 ' Armored | PW10k-A | 1 | \$1,280.00 | 24\% | \$972.80 |
| PW10L | Senva | Wet-Wet, Low Range, 75 ' Plenum | PW10L | 1 | \$695.00 | 24\% | \$528.20 |
| PW10L-A | Senva | Wet-Wet, Low Range, 75' Armored | PW10L-A | 1 | \$1,650.00 | 24\% | \$1,254.00 |
| PW10M | Senva | Wet-Wet, Low Range, 100 ' Plenum | PW10M | 1 | \$800.00 | 24\% | \$608.00 |
| PW10M-A | Senva | Wet-Wet, Low Range, 100 ' Armored | PW10M-A | 1 | \$2,100.00 | 24\% | \$1,596.00 |
| PW20A | Senva | Wet-Wet, Standard Range, $3^{\prime}$ Plenum | PW20A | 1 | \$389.00 | 24\% | \$295.64 |
| PW20A-A | Senva | Wet-Wet, Standard Range, $3^{3}$ ' Armored | PW20A-A | 1 | \$440.00 | 24\% | \$334.40 |
| PW20B | Senva | Wet-Wet, Standard Range, $6^{\prime}$ Plenum | PW20B | 1 | \$401.00 | 24\% | \$304.76 |
| PW20B-A | Senva | Wet-Wet, Standard Range, 6 ' ${ }^{\text {Armored }}$ | PW20B-A | 1 | \$494.00 | 24\% | \$375.44 |
| PW20C | Senva | Wet-Wet, Standard Range, 9 ' Plenum | PW20C | 1 | \$416.00 | 24\% | \$316.16 |
| PW20C-A | Senva | Wet-Wet, Standard Range, 9 ' Armored | PW20C-A | 1 | \$519.00 | 24\% | \$394.44 |
| PW20D | Senva | Wet-Wet, Standard Range, 15 ' Plenum | PW20D | 1 | \$449.00 | 24\% | \$341.24 |
| PW20D-A | Senva | Wet-Wet, Standard Range, 15' Armored | PW20D-A | 1 | \$620.00 | 24\% | \$471.20 |
| PW20E | Senva | Wet-Wet, Standard Range, 20' 2 Penum | PW20E | 1 | \$464.00 | 24\% | \$352.64 |
| PW20E-A | Senva | Wet-Wet, Standard Range, 20 ' Armored | PW20E-A | 1 | \$700.00 | 24\% | \$532.00 |
| PW20F | Senva | Wet-Wet, Standard Range, 25 ' Plenum | PW20F | 1 | \$485.00 | 24\% | \$368.60 |
| PW20F-A | Senva | Wet-Wet, Standard Range, 25' Armored | PW20F-A | 1 | \$800.00 | 24\% | \$608.00 |
| PW20G | Senva | Wet-Wet, Standard Range, $30^{\circ}$ ' Penum | PW20G | 1 | \$509.00 | 24\% | \$386.84 |
| PW20G-A | Senva | Wet-Wet, Standard Range, 30' Armored | PW20G-A | 1 | \$900.00 | 24\% | \$684.00 |
| PW20H | Senva | Wet-Wet, Standard Range, $35^{\text {' Plenum }}$ | PW20H | 1 | \$533.00 | 24\% | \$405.08 |
| PW20H-A | Senva | Wet-Wet, Standard Range, 35' Armored | PW20H-A | 1 | \$1,000.00 | 24\% | \$760.00 |
| PW20I | Senva | Wet-Wet, Standard Range, 40' Plenum | PW201 | 1 | \$554.00 | 24\% | \$421.04 |
| PW201-A | Senva | Wet-Wet, Standard Range, 40' Armored | PW201-A | 1 | \$1,080.00 | 24\% | \$820.80 |
| PW20J | Senva | Wet-Wet, Standard Range, 45' Plenum | PW20J | 1 | \$578.00 | 24\% | \$439.28 |
| PW20J-A | Senva | Wet-Wet, Standard Range, 45' Armored | PW20J-A | 1 | \$1,180.00 | 24\% | \$896.80 |
| PW20K | Senva | Wet-Wet, Standard Range, 50 ' Plenum | PW20K | 1 | \$605.00 | 24\% | \$459.80 |
| PW20K-A | Senva | Wet-Wet, Standard Range, $50^{\circ}$ Armored | PW20K-A | 1 | \$1,280.00 | 24\% | \$972.80 |
| PW20L | Senva | Wet-Wet, Standard Range, 75 ' Plenum | PW20L | 1 | \$695.00 | 24\% | \$528.20 |
| PW20L-A | Senva | Wet-Wet, Standard Range, 75 ' Armored | PW20L-A | 1 | \$1,650.00 | 24\% | \$1,254.00 |
| PW20M | Senva | Wet-Wet, Standard Range, $100{ }^{\prime}$ Plenum | PW20M | 1 | \$800.00 | 24\% | \$608.00 |
| PW20M-A | Senva | Wet-Wet, Standard Range, 100 ' Armored | PW20M-A | 1 | \$2,100.00 | 24\% | \$1,596.00 |
| PWS025 | Senva | PW Cable Element, 25PSIG | PWS025 | 1 | \$230.00 | 24\% | \$174.80 |
| PWS050 | Senva | PW Cable Element, 50PSIG | PWS050 | 1 | \$230.00 | 24\% | \$174.80 |
| PWS100 | Senva | PW Cable Element, 100PSIG | PWS100 | 1 | \$230.00 | 24\% | \$174.80 |
| PWS250 | Senva | PW Cable Element, 250PSIG | PWS250 | 1 | \$230.00 | 24\% | \$174.80 |
| PWS500 | Senva | PW Cable Element, 500PSIG | PWS500 | 1 | \$230.00 | 24\% | \$174.80 |
| PWBV | Senva | PW On/Off Service Valve | PWBV | 1 | \$33.00 | 24\% | \$25.08 |
| TR-C | Senva | Room Temp w/ 100 ohm platinum | TR-C | 1 | \$59.00 | 24\% | \$44.84 |
| TR-D | Senva | Room Temp w/ 1000 ohm platinum | TR-D | 1 | \$59.00 | 24\% | \$44.84 |
| TR-E | Senva | Room Temp w/ 10 k type 2 | TR-E | 1 | \$59.00 | 24\% | \$44.84 |
| TR-F | Senva | Room Temp w/ 10 k type 3 | TR-F | 1 | \$59.00 | 24\% | \$44.84 |
| TR-G | Senva | Room Temp w/ 1 k shunt | TR-G | 1 | \$59.00 | 24\% | \$44.84 |
| TR-H | Senva | Room Temp w/3k | TR-H | 1 | \$59.00 | 24\% | \$44.84 |
| TR-K | Senva | Room Temp w/ 20 k | TR-K | 1 | \$59.00 | 24\% | \$44.84 |
| TR-L | Senva | Room Temp w/ 100k | TR-L | 1 | \$59.00 | 24\% | \$44.84 |
| CHTWL-SP-B | Senva | Add 1k Setpoint Slider to TR Series | CHTWL-SP-B | 1 | \$21.00 | 24\% | \$15.96 |
| CHTWL-OR | Senva | Add Overide Button to TR Series | CHTWL-OR | 1 | \$9.00 | 24\% | \$6.84 |
| CO-EC-W-A | Senva | Wall, Co, LCD, Alarm | CO-EC-W-A | 1 | \$675.00 | 24\% | \$513.00 |
| CO-EC-D-A | Senva | Duct, CO, LCD, Alarm | CO-EC-D-A | 1 | \$675.00 | 24\% | \$513.00 |
| co-Ec-sens | Senva | CO-EC Series Replacement CO Element | Co-Ec-SENs | 1 | \$93.75 | 24\% | \$71.25 |
| TGW-AC | Senva | CO, Analog, Wall, LCD, LED, Alarm | TGW-Ac | 1 | \$675.00 | 24\% | \$513.00 |
| tGD-AC | Senva | CO, Analog, Duct, LCD, LED, Alarm | TGD-AC | 1 | \$675.00 | 24\% | \$513.00 |
| tGw-An | Senva | NO2, Analog, Wall, LCD, LED, Alarm | TGW-AN | 1 | \$750.00 | 24\% | \$570.00 |
| tGD-AN | Senva | NO2, Analog, Duct, LCD, LED, Alarm | tGd-An | 1 | \$750.00 | 24\% | \$570.00 |
| TGW-ACN | Senva | CO/NO2, Analog, Duct, LCD, LED, Alarm | TGW-ACN | 1 | \$900.00 | 24\% | \$684.00 |
| TGD-ACN | Senva | CO/NO2, Analog, Wall, LCD, LED, Alarm | TGD-ACN | 1 | \$900.00 | 24\% | \$684.00 |
| TGW-bC | Senva | Co, BACnetModbus, Wall, LCD, LED, Alarm | TGW-bC | 1 | \$825.00 | 24\% | \$627.00 |
| tgobb | Senva | co, BACnetModbus, Duct, LCD, LeD, Alarm | TGD-bC | 1 | \$825.00 | 24\% | \$627.00 |
| TGW-BN | Senva | NO2, BACnetModbus, Wall, LCD, LED, Alarm | TGW-BN | 1 | \$900.00 | 24\% | \$684.00 |
| TGD-bN | Senva | NO2, BACnetModbus, Duct, LCD, LED, Alarm | TGD-bn | 1 | \$900.00 | 24\% | \$684.00 |
| TGW-BCN | Senva | CO/NO2, BACnetModbus, Wall, LCD, LED, Alarm | TGW-BCN | 1 | \$1,050.00 | 24\% | \$798.00 |
| TGD-bCN | Senva | CO/NO2, BACnetModbus, Duct, LCD, LED, Alarm | TGD-bCN | 1 | \$1,050.00 | 24\% | \$798.00 |
| tas-co | Senva | TG Series Replacement CO Element | tas-co | 1 | \$100.00 | 24\% | \$76.00 |
| TGS-NO2 | Senva | TG Series Replacement NO2 Element | TGS-NO2 | 1 | \$120.00 | 24\% | \$91.20 |
| 5051MWCB | Senva | $50 \mathrm{VA} 120-208-240,480 \mathrm{~V}$ Pri. 24 V Sec, w/CB | 5051MWCB | 1 | \$37.29 | 24\% | \$28.34 |
| 7551MWCB | Senva | $75 \mathrm{VA} 120-208-240-227-450 \mathrm{~V}$ Pri. -24V Sec, CB | 7551MWCB | 1 | \$44.79 | 24\% | \$34.04 |
| 10051 MWCB | Senva | $96 \mathrm{VA} 120-208-240,277-480 \mathrm{~V}$ Pri. -24 V Sec CB | 10051MWCB | 1 | \$55.74 | 24\% | \$42.36 |
| RD-1AD | Senva | Room LED display, single Blue | RD-1AD | 1 | \$583.88 | 24\% | \$443.75 |
| RD-1BD | Senva | Room LED display, single Green | RD-1BD | 1 | \$583.88 | 24\% | \$443.75 |
| RD-1CD | Senva | Room LED display, single Red | RD-1CD | 1 | \$583.88 | 24\% | \$443.75 |
| RD-2AA | Senva | Room LED display, dual Blue, Blue | RD-2AA | 1 | \$1,119.08 | 24\% | \$850.50 |
| RD-2AB | Senva | Room LED display, dual Blue, Green | RD-2AB | 1 | \$1,119.08 | 24\% | \$850.50 |
| RD-2BA | Senva | Room LED display, dual Green, Blue | RD-2BA | 1 | \$1,119.08 | 24\% | \$850.50 |
| RD-2BB | Senva | Room LED display, dual Green, Green | RD-2BB | 1 | \$1,119.08 | 24\% | \$850.50 |
| RD-2BC | Senva | Room LED display, dual Green, Red | RD-2BC | 1 | \$1,119.08 | 24\% | \$850.50 |
| RD-2CA | Senva | Room LED display, dual Red, Blue | RD-2CA | 1 | \$1,119.08 | 24\% | \$850.50 |
| RD-2CB | Senva | Room LED display, dual Red, Green | RD-2CB | 1 | \$1,119.08 | 24\% | \$850.50 |
| RD-2CC | Senva | Room LED display, dual Red, Red | RD-2CC | 1 | \$1,119.08 | 24\% | \$850.50 |
| WD-1 | Senva | Spot Leak Detector | WD-1 | 1 | \$120.00 | 24\% | \$91.20 |
|  |  |  | Honewwell Anay ics |  |  |  |  |
| Model Number | Manuactuer | Proctut Dosatiplion | Prodical Coie |  | Lis Price | \% Disconnt | NSS Net Price |
| IAQWAC | Honeywell Analytics Components | IAQPoinl2 Cabbon dioxde (CO2) monitor, wall mount, analog | 150841001 | 1 | \$280.00 | 15.00\% | \$238.00 |
| IAC.wac-r | Honeywell Analytics Components | 1 AQPoinil2 carton dioxide (CO2) monitor, wall mount, analog, reay | 150881003 | 1 | \$310.00 | 15.00\% | \$263.50 |
| 1AQ WAC.TRH | Honeywell Analytics Components | IAQPoinl2 carbon dioxde (CO2) monitor, wall mount, analog, temp and it | 150881005 | 1 | \$355.00 | 15.00\% | \$301.75 |
| AAQ.WAC.TRH-R | Honeywell Analytics Components | IAQPoint2 carbon dioxde (CO2) monito, wall munt, analog, temp and rt, relay | 150881007 | 1 | \$385.00 | 15.00\% | \$327.25 |
| IaCWAC-D | Honeywell Analytics Components | IAPPoint carbon dioxde (CO2) monito, wall mount, analog, display | 150881009 | 1 | \$355.00 | 15.00\% | \$301.75 |
| Ha-WAC-RD ${ }^{\text {d }}$ | Honeywell Analytics Components | IACPoinl2 Cation dioxde (CO2) montor, wall mount, analos, relay, display | 15084011 | 1 | \$385.00 | 15.00\% | \$327.25 |
| IAQ.WAC.TRH-D | Honeywell Analytics Components |  | ${ }_{150881013}$ | 1 | \$430.00 | 15.00\% | \$365.50 |
| IAQ.WaC.trherd | Honeywell Analytics Components |  | ${ }^{150881015}$ | 1 | \$460.00 | 15.00\% | \$391.00 |
| na.wav | Honeywell Analytics Components | IAPPoint2 VOC monitor, wall munt, andog | ${ }_{158891002}$ | 1 | \$280.00 | 15.00\% | \$238.00 |
| Aa.wav-R | Honeywell Analytics Components | ${ }^{\text {A }}$ AQPoint2 V VCC monitor, wall mount, analog, realy | ${ }^{15088} 1004$ | 1 | \$310.00 | 15.00\% | \$263.50 |
| IAO.Wav-Ttry | Honeywell Analytics Components | IAQPPoinl2 VOC monito, wal mount, anaog, temp and iH | 1508 A1006 | 1 | \$355.00 | 15.00\% | \$301.75 |
| IAQ:WAV.TRH-R | Honeywell Analytics Components | IACPoin2 VOC monitor, wall mount, analog, temp and dr, relay | 1508 A1008 | 1 | \$885.00 | 15.00\% | \$327.25 |

The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. . BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated
Microprocessor-Controled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems. .
. Integrated Microprocessor-Controlled HVAC Equipment sus Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Monted HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and , Sy the the allow the Building Automation System or Energy Management System to monitor the performance of these commission and which are integra
products by the authorized user.
products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pane (rFAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus,

Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventiator, h
. Factory Installed/Factory-Provided micro-processor--controlled included $/$ c, remote I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose 1 , Telecommmicaions, Networking Cabing, Hier Optics (e.g. phone, phx, digial centrex, digital key systems, television, cable, T-Line, general broadband,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Mooel Mumber | Vantracturer | Product Desactiplon | Producl Code | $\begin{gathered} \text { "Warranty Period }- \text { \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54 " \end{gathered}$ | ce | \% Discoum | wvs |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| IAQWAV-D | Honeywell Analytics Components | AAOPoint VOC monitor, wall mount, analog, display | 150841010 | 1 | \$355.00 | 15.00\% | \$301.75 |
| IA.WAV-R.D | Honeywell Analytics Components | AACPoin'2 VOC monito, wall mount, analog, reay, display | 1508 A1012 | 1 | \$385.00 | 15.00\% | \$327.25 |
| AQ.WAV-TrH-D | Honeywell Analytics Components |  | 150881014 | 1 | \$430.00 | 15.00\% | \$365.50 |
| IAQ-Wav-trher-d | Honeywell Analytics Components | IAQPointr VOC monitor, wall mount, analog, temp and ${ }^{\text {r }}$, reala, display | 150841016 | , | \$460.00 | 15.00\% | \$391.00 |
| Aa.wnc-d | Honeywell Analytics Components |  | 150881017 | 1 | \$430.00 | 15.00\% | \$365.50 |
| 1AQ.wnc.r.d | Honeywell Analytics Components | 1 APPainit catoon dioxde (CO2) monitor, wall munt, network, relay, display | 150841019 | , | \$460.00 | 15.00\% | \$391.00 |
| IAO-WNC.TRH-D | Honeywell Analytics Components | IAQPoint2 caroon dioxde (CO2) monitor, wall muunt, newwor, temp and Ht, display | 150881021 | 1 | \$505.00 | 15.00\% | \$429.25 |
| 1 A -WNC.TRH-R-D | Honeywell Analytics Components | IAQPoinit carbon dioxide (CO2) monitor, wall mount, nework, temp and it, realy, display | 150841023 | 1 | \$535.00 | 15.00\% | \$454.75 |
| IAQ:wnv-d | Honeywell Analytics Components | IAOPPonit2 VOC monito, wall munt, nemok, display | 1508 A1018 | 1 | \$430.00 | 15.00\% | \$365.50 |
| IAQ-WNV-r.d | Honeywell Analytics Components | 1 AaPainin VoC monitor, wall munt, network, reay, display | 150881020 | 1 | \$460.00 | 15.00\% | \$391.00 |
| AQ.Wnv-The-d | Honeywell Analytics Components | IAQPoini2 Voc monitor, wall mount, newwork, temp and trt, disphay | 150881022 | , | \$505.00 | 15.00\% | \$429.25 |
| IA.-WNV-TRH-R-D | Honeywell Analytics Components | IAQPoint Voc monitor, wall muunt, networ, temp and tr, relay, display | 1508 A1024 | 1 | \$535.00 | 15.00\% | \$454.75 |
| ${ }^{\text {IAOPDAC }}$ | Honeywell Analytics Components | IAQPoint2 cabbon dioxde (CO2) monito, duet mount, analog | 150882001 | , | \$400.00 | 15.00\% | \$34.00 |
| $190-\mathrm{daC}$ - | Honeywell Analytics Components | $1 \mathrm{AQPaint2}$ carbon dioxde (CO2) monitor, duet mount, analog, reay | 150882003 | 1 | \$430.00 | 15.00\% | \$365.50 |
| 1 AQ-DAC-TRH | Honeywell Analytics Components | IACPainit carbon dioxde (CO2) monitor, duut mount, analog, tenp and iH | 150882005 | 1 | \$475.00 | 15.00\% | \$403.75 |
| AAQ.dac.trher | Honeywell Analytics Components | IAOPoint2 caroond ioixde (CO2) monitor, duct mount, analog, temp and rt, reay | 150882007 | 1 | \$505.00 | 15.00\% | \$429.25 |
| IAC-DAC-D | Honeywell Analytics Components | IAOPoint2 catoon dioxde (CO2) monitor, uuct mount, analog, display | 150882009 | 1 | \$475.00 | 15.00\% | \$403.75 |
| IAQ-DAC-R.D | Honeywell Analytics Components | AAPPoinl2 caroon dioxde (CO2) monitor, duct munnt, analog, reayy, dispay | 150882011 | 1 | \$505.00 | 15.00\% | \$429.25 |
| 14. -dac.trh-D | Honeywell Analytics Components | 1 AaPpoint carbon dioxde (CO2) monito, duct munt, analo, temp and fr, display | 150882013 | 1 | \$550.00 | 15.00\% | \$467.50 |
| IAQ:DAC-TRH-R.D | Honeywell Analytics Components | IAQPoint2 cabbon dioxde (CO2) monitor, duet mount, analog, temp and H , realy, display | 150882015 | 1 | \$580.00 | 15.00\% | \$493.00 |
| ${ }^{\text {aQabav }}$ | Honeywell Analytics Components | IACPonitr V VCC monitor, duct munt, analog | 150882002 | 1 | \$400.00 | 15.00\% | \$340.00 |
| AAQ-DAV-R | Honeywell Analytics Components | IAOPOin'2 VOC monitor, duct mount, analog, reay | 150882004 | 1 | \$430.00 | 15.00\% | \$365.50 |
| ${ }^{\text {a }}$ AOADV-TRH | Honeywell Analytics Components | LACPPin'2 VOC monito, duct munt, analos, temp and iH | 150882006 | 1 | \$475.00 | 15.00\% | \$403.75 |
| AQ -DAV-ThH-R | Honeywell Analytics Components | IACPoint2 VOC monito, dut mount, analos, temp and tr, relay | 150882008 | 1 | \$505.00 | 15.00\% | \$429.25 |
| IAQ-dav-d | Honeywell Analytics Components | AAOPoint2 VOC monito, duut mount, analog, display | 150882010 | 1 | \$475.00 | 15.00\% | \$403.75 |
| IAa-dav-r.d | Honeywell Analytics Components | IACPoint V VOC monitor, duct mount, anaog, realy, isplay | 150882012 | 1 | \$505.00 | 15.00\% | \$429.25 |
| AAQ-AAV-TRH-D | Honeywell Analytics Components |  | 150882014 | 1 | \$550.00 | 15.00\% | \$467.50 |
| AAQ:AV-TRH-R-D | Honeywell Analytics Components | IAPPointr V VCC monito, duct mount, anaog, temp and tr, realy, display | 150882016 | 1 | \$580.00 | 15.00\% | \$493.00 |
| IAQ-DNC-D | Honeywell Analytics Components | IAPPoint carbon dioxde (CO2) montior, duct mount, newwor, display | 150882017 | 1 | \$550.00 | 15.00\% | \$467.50 |
| IAQ-DNC.R-D | Honeywell Analytics Components | 1 APPoint carbon dioxde (CO2) monitor, duct mount, nework, reay, display | 150882019 | 1 | \$580.00 | 15.00\% | \$493.00 |
| 1a\%-dnc.trh-d | Honeywell Analytics Components | IAQPoinl2 carbon dioxde (Co2) monito, duct mount, newwork, temp and it, display | 150882021 | 1 | \$625.00 | 15.00\% | \$531.25 |
| IAQ-onc.trher-d | Honeywell Analytics Components | IAPPoint2 catoon dioxde (CO2) monitor, duct munt, network, temp and dH, relay, display | 1508 A2023 | 1 | \$655.00 | 15.00\% | \$556.75 |
| IAQ-dnv-d | Honeywell Analytics Components | 1 APPaini2 VOC monitor, duct munt, nework, display | ${ }^{1508 A 2018}$ | 1 | \$550.00 | 15.00\% | \$467.50 |
| IAQ:DNV-R.D | Honeywell Analytics Components | IAQPoinı2 VOC monito, duct mount, nework, reay, display | 1508 A2020 | 1 | \$580.00 | 15.00\% | \$493.00 |
| IAQ-DNV-Tth-D | Honeywell Analytics Components | IACPoin2 VOC monior, duct mount, neework, temp and H , display | 1508 A2022 | 1 | \$625.00 | 15.00\% | \$531.25 |
| IAQ-DNV-TRH-R-D | Honeywell Analytics Components | IAQPoinl2 VOC monitor, duct munnt, nemwor, temp and H , relay, display | 150882024 | 1 | \$655.00 | 15.00\% | \$556.75 |
| E3SA | Honeywell Analytics Components | ESPoint without sensor, wall mount, analog, 24 V VAcVDc | 130980042 | 1 | \$324.00 | 15.00\% | \$275.40 |
| E3SAH | Honeywell Analytics Components | ESPoint without sensor, wall munt, analog, 120 VAC | 130990043 | 1 | \$384.00 | 15.00\% | \$326.40 |
| Essbmco | Honeywell Analytics Components | E3Point remote sensor, carbon monoxde (00) | 130980060 | 1 | \$262.00 | 15.00\% | \$222.70 |
| E3SR4NO2 | Honeywell Analytics Components | E3Paint remote sensor, nitiogen dioxide (NO2) | ${ }^{130900057}$ | 1 | \$262.00 | 15.00\% | \$222.70 |
| E3SRMH2S | Honeywell Analytics Components | E3Point temole sensor, hydrogen sulifid (H25) | ${ }^{130980058}$ | 1 | \$262.00 | 15.00\% | \$222.70 |
| EЗSRMH2 | Honeywell Analytics Components | E3Point remole sensor, hydrogen (H2) | 130980059 | 1 | \$262.00 | 15.00\% | \$222.70 |
| E3SRMO2 | Honeywell Analytics Components | E3Point temote sensor, oxysen (02) | ${ }^{130990056}$ | 1 | \$262.00 | 15.00\% | \$222.70 |
| езЗвмм | Honeywell Analytics Components | E3Point remote sensor, methane (CH4) | 130990061 | 1 | \$262.00 | 15.00\% | \$222.70 |
| EзSRMP | Honeywell Analytics Components | E3Point remote sensor, propane (C3H8) | ${ }^{139990062}$ | 1 | \$262.00 | 15.00\% | \$222.70 |
| E35A | Honeywell Analytics Components |  | 130980049 | 1 | \$546.00 | 15.00\% | \$464.10 |
| Ез\% | Honeywell Analytics Components |  | ${ }^{139990051}$ | 1 | \$546.00 | 15.00\% | \$464.10 |
| E3SCO | Honeywell Analytics Components |  | 130980038 | 1 | \$121.00 | 15.00\% | \$102.85 |
| E3N02 | Honeywell Analytics Components |  | 130980037 | 1 | \$221.00 | 15.00\% | \$187.85 |
| Езн2s | Honeywell Analytics Components | Hydrogen sulfide (H2S): $40^{\circ} 10.500^{\circ} \mathrm{C}\left(400^{\circ}\right.$ to 122\%\%) | ${ }^{130980035}$ | 1 | \$221.00 | 15.00\% | \$187.85 |
| Езн2 | Honeywell Analytics Components |  | 130990 з9 | 1 | \$221.00 | 15.00\% | \$187.85 |
| E302 | Honeywell Analytics Components |  | ${ }^{139990036}$ | 1 | \$221.00 | 15.00\% | \$187.85 |
| езм | Honeywell Analytics Components | Methane (CH4); $40^{\circ} 0^{\circ} 55^{\circ} \mathrm{C}\left(-40^{\circ}\right.$ (10 $\left.122^{\circ} \mathrm{F}\right)$ | 130990040 | 1 | \$221.00 | 15.00\% | \$187.85 |
| EzP | Honeywell Analytics Components | Propane (C3H8) : $40^{\circ} 10.500^{\circ} \mathrm{C}\left(-40^{\circ} \mathrm{O}\right.$ (120\%F) | 130980041 | 1 | \$221.00 | 15.00\% | \$187.85 |
| E3PT.CAGE | Honeywell Analytics Components | Protective wire guadd tor E3Point | 1309.0071 | 1 | \$84.00 | 15.00\% | \$71.40 |
| Езт.קк | Honeywell Analytics Components | ESPoint tamper.proot kit | 130960001 | 1 | \$15.00 | 15.00\% | \$12.75 |
| eclab | Honeywell Analytics Components | Splash guadd encossure | ${ }^{130960003}$ | 1 | \$132.00 | 15.00\% | \$112.20 |
| va301c | Honeywell Analytics Components | Controler, plasitic encosure | M-50540 | 1 | \$1,118.00 | 15.00\% | \$950.30 |
| VA3001-DLC | Honeywell Analytics Components | Controler, with datalogeer, plasicie encosure | M.504801 | 1 | \$1,484.00 | 15.00\% | \$1,261.40 |
| Va3019-DC-BIP | Honeywell Analytics Components | Controler, with dataloger, BACnettP output, plasicie encossure | M.508918 | 1 | \$2,627.00 | 15.00\% | \$2,232.95 |
| AIRALErT.98D | Honeywell Analytics Components | Controler, with datalogere, industrial encossure | M.599850 | 1 | \$2,064.00 | 15.00\% | \$1,754.40 |
| ARALERT-960-BIP | Honeywell Analytics Components | Controler, with datalogeer, EAC neetliP ouput, industria encossure | M.51683 | 1 | \$3,039.00 | 15.00\% | \$2,583.15 |
| VA301R8 | Honeywell Analytics Components | Reay modue with 8 relays | M.508627 | 1 | \$325.00 | 15.00\% | \$276.25 |
| va301AP | Honeywell Analytics Components | Anuncilior panel tor 301 C | M.505222 | 1 | \$572.00 | 15.00\% | \$486.20 |
| VABOAAD | Honeywell Analytics Components |  | M-509311 | 1 | \$1,072.00 | 15.00\% | \$911.20 |
| vatzol | Honeywell Analytics Components | Digita analog outuput converere. Modbus RS-48550-420 mA | M.503684 | 1 | \$541.00 | 15.00\% | \$459.85 |
| vaз01ем-20 | Honeywell Analytics Components | Controlor with hree 24 VDC outuus, four reass, tour 4.20 mA , network | M. 512426 | 1 | \$1,288.00 | 15.00\% | \$1,094.80 |
| VA301EM-RFSA-20 | Honeywell Analytics Components | Controler with hrree 24 VDC outuus, four realas, four 4.20 mA , strobe light and hom, nework | ${ }^{\text {M }}$-512428 | 1 | \$1,643.00 | 15.00\% | \$1,396.55 |
| VA301EMPP-20 | Honeywell Analytics Components | Remote panel, wint $3.24 \mathrm{VDCoututus}$,4 realas | M-512431 | 1 | \$613.00 | 15.00\% | \$521.05 |
| VA301 EMRP-RFSA-20 | Honeywell Analytics Components | Remote pane, with 3.24 VDc outuus, 4 realas, strobe ight and hom | M.512433 | 1 | \$917.00 | 15.00\% | \$779.45 |
| va3001RFSSR11 | Honeywell Analytics Components | R11 refigerant tas sensor | M.505416 | 1 | \$1,329.00 | 15.00\% | \$1,129.65 |
| VA3011RFSS22 | Honeywell Analytics Components | R22 retigerant tas sensor | M-505418 | 1 | \$1,329.00 | 15.00\% | \$1,129.65 |
| Va3011RFSR123 | Honeywell Analytics Components | R123 retigerant gas sensor | M.505413 | 1 | \$1,329.00 | 15.00\% | \$1,129.65 |
| VA30011RFSR 125 | Honeywell Analytics Components | R1225 refigearat gas sensor | M.505414 | 1 | \$1,329.00 | 15.00\% | \$1,129.65 |
| Va3011RFSR134A | Honeywell Analytics Components | R134ar erfigerant gas sensor | ${ }^{M-505415}$ | 1 | \$1,329.00 | 15.00\% | \$1,129.65 |
| Va3301fRSR404A | Honeywell Analytics Components | R.404a reftigeant gas sensor | M.50925 | 1 | \$1,329.00 | 15.00\% | \$1,129.65 |
| VA3011RESR407C | Honeywell Analytics Components | R4077 erfigerant gas sensor | M.511621 | 1 | \$1,329.00 | 15.00\% | \$1,129.65 |
| VA3301RFSS410A | Honeywell Analytics Components | R410a refigierant gas sensor | M.511318 | 1 | \$1,329.00 | 15.00\% | \$1,129.65 |
| VA3011RFSR507A | Honeywell Analytics Components | R507a refirierant gas sensor | M-50925 | 1 | \$1,329.00 | 15.00\% | \$1,129.65 |
| s30102comb | Honeywell Analytics Components | Combusitide explosion proot sensor - (gain 1.0.1.3) | ${ }^{129570.13}$ | 1 | \$667.00 | 15.00\% | \$566.95 |
| s3011200MB | Honeywell Analytics Components | Combusibibe explosion proot sensor - (gain 1.31.599) | ${ }^{129426-13}$ | 1 | \$667.00 | 15.00\% | \$566.95 |
| s30102comb | Honeywell Analytics Components | Combusibibe explosion proot sensor - (gain 1.6.1.999) | ${ }^{129427.13}$ | 1 | \$667.00 | 15.00\% | \$566.95 |
| ${ }^{\text {s30102COMB }}$ | Honeywell Analytics Components | Combusiblbe explosion proot sensor- (gain 20.2.2.219) | ${ }^{129428-13}$ | 1 | \$667.00 | 15.00\% | \$566.95 |
| S3010200MB | Honeywell Analytics Components | Combusiblbe explosion proot sensor- (gain 2220-2.5) | ${ }^{129429.13}$ | 1 | \$667.00 | 15.00\% | \$566.95 |
| s30102COMB | Honeywell Analytics Components | Comustitle exposion proot sensor - (gain +2.5 ) | ${ }^{129430-13}$ | 1 | \$667.00 | 15.00\% | \$566.95 |
| S301020 | Honeywell Analytics Components | Carbo monoxde (C) explosion proot sensor | ${ }^{129433-1.3}$ | 1 | \$504.00 | 15.00\% | \$428.40 |
| S30102CL2 | Honeywell Analytics Components | Chloine (CI2) explosion proot sensor | ${ }^{129935-13}$ | 1 | \$819.00 | 15.00\% | \$696.15 |
| S30122N02 | Honeywell Analytics Components | Nitrogen dioxde (NO2) explosion proot sensor | ${ }^{129933-13}$ | 1 | \$641.00 | 15.00\% | \$544.85 |
| ${ }^{\text {S30102H2s }}$ | Honeywell Analytics Components | Hydrogen sulitide (H2S) exposion proot sensor | ${ }^{129433.13}$ | 1 | \$667.00 | 15.00\% | \$566.95 |
| 53010202 | Honeywell Analytics Components | Oxygen (02) explosion proot sensor | ${ }^{129436-13}$ | 1 | \$573.00 | 15.00\% | \$487.05 |
| 530102502 | Honeywell Analytics Components | Suluur dioxide (So2) explosion proot sensor | $129434+3$ | 1 | \$746.00 | 15.00\% | \$634.10 |
| EC-F9.NH3.0/100-N1-EM | Honeywell Analytics Components | Ammonia (NH3) monitor, 4.20 mA , Mosibus, 0.100 ppm, NEMA 1 encl. | M.511071 | 1 | \$989.00 | 15.00\% | \$840.65 |
| EC-F9.-NH-O20250-N1-EM | Honeywell Analytics Components | Ammonia (NH3) monito, 4.20 mA , Madubus 0.250 ppm , NEMA 1 encl. | M.511072 | 1 | \$989.00 | 15.00\% | \$840.65 |
| EC-F9.NH3-0500-N1-EM | Honeywell Analytics Components |  | ${ }^{\text {M.551010 }}$ | 1 | \$989.00 | ${ }^{15.00 \%}$ | \$840.65 |
| Embg | Honeywell Analytics Components | Braak glass manual swict opoion tor 301 EM | M.508617 | 1 | \$125.00 | 15.00\% | \$106.25 |
|  | Honeywell Analytics Components | ${ }^{301 E M}$-20 Ioht Stack assembly | ${ }^{M-700123}$ | 1 | \$481.00 | 15.00\% | \$408.85 |
| IRFSENSORGUARD | Honeywell Analytics Components | Meala guard for 3011 FFS sensors | M. 505352 | 1 | \$140.00 | 15.00\% | \$119.00 |
| SEL-2Pos-120V | Honeywell Analytics Components | 2.Position selectoro swith - 120 VAC | M.505913 | 1 | \$57.00 | 15.00\% | \$48.45 |
| BP-120V-No-NC | Honeywell Analytics Components | Push butuon NoNC - 120 VAC | M.505912 | 1 | \$109.00 | 15.00\% | \$92.65 |
| BP-120V-LOCKED | Honeywell Analytics Components | Push butor NONC Iocked - 120 VAC | M.505911 | 1 | \$185.00 | 15.00\% | \$157.25 |
| vasonsz | Honeywell Analytics Components | Sample daw system with 2 sampling points | vasons2 | 1 | \$3,630.00 | 15.00\% | \$3,085.50 |
| vasans 4 | Honeywell Analytics Components | Sample draw system with 4 sampling points | Vasons4 | 1 | \$4,230.00 | 15.00\% | \$3,595.50 |
| vasans ${ }^{\text {a }}$ | Honeywell Analytics Components | Sample daw ssstem with 8 sampling points | vasons8 | 1 | \$4,830.00 | 15.00\% | \$4,105.50 |
| Gas 2 | Honeywell Analytics Components | Extra sensor ( 1 exta max) | Gas 2 | 1 | \$1,952.00 | 15.00\% | \$1,659.20 |
|  | Honeywell Analytics Components |  |  |  |  | 15.00\% | \$39.10 |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. . BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated
Microprocessor-Controled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems. Hicroprocessor-Controiled HAC Equipment in a building or faciinty. Building Management Systems and Building Control Sytems are aso subacegios of Building Automation Systems.
. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Montr HVAC Equipment.
 commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pane (HAP), and/or other similar device, which utilize certain protocos (e.g. BACNet, LorTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs ,
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator he
. Factory Installed/Factory-Provided micro-processor--controlled included/contrete I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The conract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose 1 , Telecommumications, Networking Cabing, Fiber Optics (e.g. phone, pbx, digital centrex, digital key systems, television, cable, ,-Line, general broadband,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency
B. To identify an individual(s)' location in the event of a fire or emergency.

| Moren Number | Mantracturer | Proctuct Desariplion | Producl Code | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54 " | List Price | \% Discoumt | Ns Net Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| M.504183 | Honeywell Analytics Components | Samping point with filer | M-504183 | 1 | \$106.00 | 15.00\% | \$90.10 |
| VASONB2-R22 | Honeywell Analytics Components | R22, -1, ,000 pmm, 2 points | M-50874 | 1 | \$3,630.00 | 15.00\% | \$3,085.50 |
| vasonse-R11 | Honeywell Analytics Components | R11, -1,000 pmm, p poins | M-50982 | 1 | \$3,630.00 | 15.00\% | \$3,085.50 |
| Vasand2-R123 | Honeywell Analytics Components | R123, 0-1,000 ppm, 2 2ones | M.508699 | 1 | \$3,630.00 | 15.00\% | \$3,085.50 |
| Vasand2-R125 | Honeywell Analytics Components | R125, 0-1,000 ppm, 2 points | M.509837 | 1 | \$3,630.00 | 15.00\% | \$3,085.50 |
| Vasonv2-R134A | Honeywell Analytics Components | R134A, 0-1,000 ppm, 2 points | M-50938 | 1 | \$3,630.00 | 15.00\% | \$3,085.50 |
| VASoN82-R227 | Honeywell Analytics Components | ${ }^{\text {R227 multipoint gas montior II }}$ | M-509639 | 1 | \$3,630.00 | 15.00\% | \$3,085.50 |
| VASON82-8404A | Honeywell Analytics Components | R4004A multipoint gas monito il | M-509641 | 1 | \$3,630.00 | 15.00\% | \$3,085.50 |
| VASaN82-R507 | Honeywell Analytics Components | R507 multipoint gas monitor II | M-509642 | 1 | \$3,630.00 | 15.00\% | \$3,085.50 |
| vasan82.02 | Honeywell Analytics Components | 02, $0.25 \%$, 2 ponits | M.50978 | 1 | \$3,630.00 | 15.00\% | \$3,085.50 |
| VASAN32-co | Honeywell Analytics Components | CO, 0.250 pom, 2 poins | ${ }^{\text {M.509760 }}$ | 1 | \$3,630.00 | 15.00\% | \$3,085.50 |
| Vasansz-comb | Honeywell Analytics Components | Coms, 0-100\% LEL, 2 point | M-509761 | 1 | \$3,630.00 | 15.00\% | \$3,085.50 |
| vasonve2-NO2 | Honeywell Analytics Components | NO2, 0.10 pom, 2 points | M.509762 | 1 | \$3,630.00 | 15.00\% | \$3,085.50 |
| VASANB2-R22-R123 | Honeywell Analytics Components | R22-R123, 0-1,000 pem, 2 poins | M.50874 | 1 | \$5,582.00 | 15.00\% | \$4,744.70 |
| VASoN82-R11-R123 | Honeywell Analytics Components | R11-R123, -0, ,000 pom, 2 poins | M-50964 | 1 | \$5,582.00 | 15.00\% | \$4,744.70 |
| VASON82-R1-R125 | Honeywell Analytics Components | R11-R125, -1,000 pom, 2 poins | M-50964 | 1 | \$5,582.00 | 15.00\% | \$4,744.70 |
| Vasonv2-R11-R134A | Honeywell Analytics Components | R11-R1344, 0-1,000 popm, 2 poins | M-50945 | 1 | \$5,582.00 | 15.00\% | \$4,744.70 |
| VAsonv2-R22-125 | Honeywell Analytics Components | R22-R125, 0-1,000 pom, 2 points | M.50967 | 1 | \$5,582.00 | 15.00\% | \$4,744.70 |
| Vasone2-R11-R404A | Honeywell Analytics Components | R11-R404A mulipoinit gas monitor II | M.509648 | 1 | \$5,582.00 | 15.00\% | \$4,744.70 |
| Vasone2-R11-R507 | Honeywell Analytics Components | R11-R507 multipoont gas monitor II | M.509649 | 1 | \$5,582.00 | 15.00\% | \$4,744.70 |
| VASANB2-R22-R125 | Honeywell Analytics Components | R22-R125, -0,1,000 pom, 2 poins | M.50965 | 1 | \$5,582.00 | 15.00\% | \$4,744.70 |
| Vasong2-R22-R134A | Honeywell Analytics Components | R22-R134A, 0-1,000 ppm, 2 poins | M-509658 | 1 | \$5,582.00 | 15.00\% | \$4,744.70 |
| VASoN82-R22-R227 | Honeywell Analytics Components | R22--227 mulitiodint gas monitor II | M-509659 | 1 | \$5,582.00 | 15.00\% | \$4,744.70 |
| VASON82-R22-4404A | Honeywell Analytics Components | R22-A404A multiponit gas monito II | M-50966 | 1 | \$5,582.00 | 15.00\% | \$4,744.70 |
| vasonv2-R22-567 | Honeywell Analytics Components | R22-5077 mulitiopint gas monitor II | M.509662 | 1 | \$5,582.00 | 15.00\% | \$4,744.70 |
| vasonv2-R22-1125 | Honeywell Analytics Components | R22-R125, 0-1,000 ppm, 2 poins | M-50965 | 1 | \$5,582.00 | 15.00\% | \$4,744.70 |
| Vasanz2-Co.COM | Honeywell Analytics Components | CO-COMB, $0 \cdot-250$ ppm, 0-100\% LEL | M.509789 | 1 | \$5,582.00 | 15.00\% | \$4,744.70 |
| Vasan82.CO.No2 | Honeywell Analytics Components | Co.Noz, 0.250 pm, 0.10 ppm, 2 poins | M.509790 | 1 | \$5,582.00 | 15.00\% | \$4,744.70 |
| vasone4-No2 | Honeywell Analytics Components | NO2, multipoont gas monitor | M.503798 | 1 | \$4,230.00 | 15.00\% | \$3,595.50 |
| VASON84-R123 | Honeywell Analytics Components | R123, 0-1,000 ppm, 4 poonis | M-50872 | 1 | \$4,230.00 | 15.00\% | \$3,595.50 |
| vasons 8 - 22 | Honeywell Analytics Components | R22, -1, ,000 pmm, 4 poonis | M-508741 | 1 | \$4,230.00 | 15.00\% | \$3,595.50 |
| VASCON84R11 | Honeywell Analytics Components | R11, -1, ,000 ppm, 4 points | M.509663 | 1 | \$4,230.00 | 15.00\% | \$3,595.50 |
| Vasons 4 -R125 | Honeywell Analytics Components | R125, -0, ,000 ppm, 4 poins | ${ }^{\text {M.509664 }}$ | 1 | \$4,230.00 | 15.00\% | \$3,599.50 |
| VASON34-1/134A | Honeywell Analytics Components | R134A, 0-1,000 ppm, 4 points | M.509665 | 1 | \$4,230.00 | 15.00\% | \$3,595.50 |
| VASON84 4 R227 | Honeywell Analytics Components | R227, multiponit gas monior | M-50966 | 1 | \$4,230.00 | 15.00\% | \$3,595.50 |
| VASON84-R404A | Honeywell Analytics Components | R4004, multipooin gas montior | M-50968 | 1 | \$4,230.00 | 15.00\% | \$3,595.50 |
|  | Honeywell Analytics Components | R.507, multipoint gas montor | M-50969 | 1 | \$4,230.00 | 15.00\% | \$3,595.50 |
| VAsonve4-CO | Honeywell Analytics Components | Co, 0-2.25 ppm, 4 zones wit package | M-50972 | 1 | \$4,230.00 | 15.00\% | \$3,595.50 |
| Vasone4-comb | Honeywell Analytics Components | COMB, 0-100\% LEL, 4 zones with package | M.50973 | 1 | \$4,230.00 | 15.00\% | \$3,595.50 |
| VASAN84.02 | Honeywell Analytics Components | 02, 0-25\%, 4 zones with packeage | ${ }^{\text {M.509755 }}$ | 1 | \$4,230.00 | 15.00\% | \$3,595.50 |
| vasons $4 . \mathrm{CO}$ | Honeywell Analytics Components | C0, $0.250 \mathrm{pm}, 4$ poins | ${ }^{\text {M.509763 }}$ | + | \$4,230.00 | 15.00\% | \$3,595.50 |
| VASAN84.COMB | Honeywell Analytics Components | Comb, 0-100\% LEL, 4 poins | M.50976 | 1 | \$4,230.00 | 15.00\% | \$3,595.50 |
| VAsans 4.02 | Honeywell Analytics Components | 02, $0.255 \%$, 4 poins | M-50976 | 1 | \$4,230.00 | 15.00\% | \$3,595.50 |
| VAsons84-R11-R22 | Honeywell Analytics Components | R11-R22, multiponit gas monitor | M-50306 | + | \$6,182.00 | 15.00\% | \$5,254.70 |
| VASON84-R22-123 | Honeywell Analytics Components | R22-R123, -1,000 pom, 4 poins | M-50878 | 1 | \$6,182.00 | 15.00\% | \$5,254.70 |
| VASCNE44R1-1-R123 | Honeywell Analytics Components |  | ${ }^{\text {M.509324 }}$ | 1 | \$6,182.00 | 15.00\% | \$5,254.70 |
| VASON84-R1-R125 | Honeywell Analytics Components | R11-R125, -0,1,000 pmm, 4 points | M.509670 | 1 | \$6,182.00 | 15.00\% | \$5,254.70 |
| vasonv4-R11-R134A | Honeywell Analytics Components | R11-R1344, 0-1,000 ppm, 4 points | ${ }^{\text {M.5096771 }}$ | 1 | \$6,182.00 | 15.00\% | \$5,254.70 |
| Vasonev4-R1-1-R227 | Honeywell Analytics Components | R11-R227, multiponit gas monitor | M.509672 | 1 | \$6,182.00 | 15.00\% | \$5,254.70 |
| Vasone 4 -R11-R404A | Honeywell Analytics Components | R11-R404A, multipoint gas monitior | M.50974 | 1 | \$6,182.00 | 15.00\% | \$5,254.70 |
| VASON84-R11-R507 | Honeywell Analytics Components | R11-S507, multiponit gas monitor | M-50975 | 1 | \$6,182.00 | 15.00\% | \$5,254.70 |
| VASON84 4 222-R125 | Honeywell Analytics Components | R22-R125, -1,000 pom, 4 poins | M-50983 | 1 | \$6,182.00 | 15.00\% | \$5,254.70 |
| Vasons 4 -R2-2.134A | Honeywell Analytics Components | ${ }^{\text {R22-R21344, } 0.1,000 \text { ppm, } 4 \text { p poins }}$ | ${ }^{\text {M.509884 }}$ | 1 | \$6,182.00 | 15.00\% | \$5,254.70 |
| VASONS 4 -R22-R227 | Honeywell Analytics Components | R22-R227, multipoint gas monitor | ${ }^{\text {M.509885 }}$ | 1 | \$6,182.00 | 15.00\% | \$5,254.70 |
| Vasonv4-R22-4004A | Honeywell Analytics Components | R22-R404AA, multipoint gas monitor | M.509887 | 1 | \$6,182.00 | 15.00\% | \$5,254.70 |
| VASANS 4 -R22-R507 | Honeywell Analytics Components | R22-8507, multiponit gas monitor | M-509888 | 1 | \$6,182.00 | 15.00\% | \$5,254.70 |
| VASON84-R134A-COMB | Honeywell Analytics Components | R133ACOME, 1,1000 ppm, $100 \%$ LEL | M.510250 | 1 | \$6,182.00 | 15.00\% | \$5,254.70 |
| VASON84.R123-1334 | Honeywell Analytics Components | R123-R1344, 0-1,000 popm, 4points | M.510459 | 1 | \$6,182.00 | 15.00\% | \$5,254.70 |
| VASON88-. 02 | Honeywell Analytics Components | NO2, multipopin gas monitor | M-50329 | 1 | \$4,830.00 | 15.00\% | \$4,105.50 |
| VASCNQ88.R123 | Honeywell Analytics Components | ${ }^{\text {R123, }} \mathbf{0}$ 0,1,000 ppm, 8 points | ${ }^{\text {M.508723 }}$ | 1 | \$4,833.00 | 15.00\% | \$4,105.50 |
| VASCN388.R22 | Honeywell Analytics Components | ${ }^{\text {R22, } 20.1000 ~ p m m, ~} 8$ points | ${ }^{\text {M.508742 }}$ | 1 | \$4,830.00 | 15.00\% | \$4,105.50 |
| VASCN388.R11 | Honeywell Analytics Components | ${ }^{\text {R11, }}$, -1, 0,000 pmm, 8 points | M.509889 | 1 | \$4,830.00 | 15.00\% | \$4,105.50 |
| Vasonese-R125 | Honeywell Analytics Components | R125, 0-1,000 ppm, 8 points | M.509691 | 1 | \$4,830.00 | 15.00\% | \$4,105.50 |
| VASAN88.R134A | Honeywell Analytics Components | R134A, 0-1,000 ppm, 8 points | M.50969 | 1 | \$4,830.00 | 15.00\% | \$4,105.50 |
| VASaN88-R227 | Honeywell Analytics Components | R227, multipoint gas montor | M-50969 | 1 | \$4,830.00 | 15.00\% | \$4,105.50 |
| VASAN88.84094 | Honeywell Analytics Components | R4904A, multipoint gas molitor | M-50969 | 1 | \$4,830.00 | 15.00\% | \$4,105.50 |
| Vasanes8.f507 | Honeywell Analytics Components | R507, multipoint gas montor | M.509696 | 1 | \$4,830.00 | 15.00\% | \$4,105.50 |
| VAsons8.co | Honeywell Analytics Components | Co, $0 \cdot 2550$ pmm, 8 zones with packege | M-50975 | 1 | \$4,830.00 | 15.00\% | \$4,105.50 |
| VASON88.02 | Honeywell Analytics Components | 02, 0-25\%, 8 zones with packeage | M.509759 | 1 | \$4,830.00 | 15.00\% | \$4,105.50 |
| VASAN888.CO | Honeywell Analytics Components | co, 0.250 ppm, 8 points | M.509767 | 1 | \$4,830.00 | 15.00\% | \$4,105.50 |
| VASCNB8IICOMB | Honeywell Analytics Components | Coms, 0-100\% LEL, 8 point | M.509768 | 1 | \$4,830.00 | 15.00\% | \$4,105.50 |
| Vasonse-02 | Honeywell Analytics Components | 02, $0.25 \%$, 8ponits | ${ }^{\text {M.509770 }}$ | 1 | \$4,830.00 | 15.00\% | \$4,105.50 |
| VASAN88.-410a | Honeywell Analytics Components | R4410a, multipoint gas montior | CV1P3751 | 1 | \$4,830.00 | 15.00\% | \$4,105.50 |
| VASON88-R11-R22 | Honeywell Analytics Components | R11-222, multipont as mon montor | M.5.59397 | 1 | \$6,782.00 | 15.00\% | \$5,764.70 |
| VASSON88-R22-R123 | Honeywell Analytics Components | ${ }^{\text {R22-R123, }}$ O-1,000 pom, 8 poins | ${ }^{\text {M.508749 }}$ | 1 | \$6,782.00 | 15.00\% | \$5,764.70 |
| Vasonser-R22-134A | Honeywell Analytics Components | R22-R1134, 0-1,000 ppm, 8 points | M.509980 | 1 | \$6,782.00 | 15.00\% | \$5,764.70 |
| VASON888.R123-134A | Honeywell Analytics Components | R123-1134A, 0-1,000 pom, 8Points | M.509619 | 1 | \$6,782.00 | 15.00\% | \$5,764.70 |
| VASON88-R11-R123 | Honeywell Analytics Components | R11-R123, 0-1,000 ppm, 8 poins | M.50969 | 1 | \$6,782.00 | 15.00\% | \$5,764.70 |
| VASanes8.R11-R125 | Honeywell Analytics Components |  | M.509698 | 1 | \$6,782.00 | 15.00\% | \$5,764.70 |
| Vasons8.R11-R134A | Honeywell Analytics Components | ${ }^{\text {R11-R1344, }}$, -1,000 ppm, 8 p poins | M.509699 | 1 | \$6,782.00 | 15.00\% | \$5,764.70 |
|  | Honeywell Analytics Components Honerwell Analytics Componts |  | M.559700 | 1 | \$6,782.00 | 15.00\% | \$5,764.70 |
| Vasonver811-1/404A | Honeywell Analytics Components | ${ }^{\text {R11-R404A, multipoint gas monitior }}$ | ${ }^{\text {M.509702 }}$ | 1 | \$6,782.00 | 15.00\% | \$5,764.70 |
| VAsanes8.R11-1.-507 | Honeywell Analytics Components |  | ${ }^{\text {M.509703 }}$ | 1 | \$6,782.00 | 15.00\% | \$5,764.70 |
| VASCN日88-R22-R125 | Honeywell Analytics Components | ${ }^{\text {R22-R125, }}$,0-1,000 ppm, 8 points | M.509711 | 1 | \$6,782.00 | 15.00\% | \$5,764.70 |
| VASSN088-R22-R227 | Honeywell Analytics Components | R22-R227, multipooit asa montior | ${ }^{\text {M.509712 }}$ | 1 | \$6,782.00 | 15.00\% | \$5,764.70 |
| Vasonver-R2-P404A | Honeywell Analytics Components | R22-A404A, multipoint gas monitor | ${ }^{\text {M.550714 }}$ | 1 | \$6,782.00 | 15.00\% | \$5,764.70 |
| Vasanes8.22-A507 | Honeywell Analytics Components | R22-R507, multiponit tas montior | ${ }^{\text {M.509715 }}$ | 1 | \$6,782.00 | 15.00\% | \$5,764.70 |
| vasons8.co-no2 | Honeywell Analytics Components | CO.NO2, COO.-250 ppm, N020.10 ppm | M.509784 | + | \$6,782.00 | 15.00\% | \$5,764.70 |
| vasane8.COMB.O2 | Honeywell Analytics Components | Combera, COMB 0-10\%\% LLL, O20.25\% | ${ }^{\text {M.509787 }}$ | 1 | \$6,782.00 | 15.00\% | \$5,764.70 |
|  | Honeywell Analytics Components |  | M.509802 <br> $M .50985$ | 1 | \$66,782.00 | 15.00\% | \$5,764.70 |
| Vasanse-comb-02 | Honeywell Analytics Components | Comb-O2, 0.-10\%\% LEL, 0.-25\%, 8 points | M.509805 | + | \$6,782.00 | 15.00\% | \$5,764.70 |
| 1R.F9.-22-.5.50.com | Honeywell Analytics Components | R22 0.500 ppm, commercial encolosure, CARB compliant | ${ }^{\text {M } 7700127}$ | 1 | \$1,290.00 | 15.00\% | \$1,096.50 |
|  | Honeywell Analytics Components | ${ }^{\text {R220 0-1,000 popm, commercial encossure }}$ | ${ }^{M-7700137}$ | 1 | \$1,290.00 | 15.00\% | \$1,096.50 |
| 18.F9.R.1344.0.01000-COM | Honeywell Analytics Components | R13440 0-1,000 ppm, commercial enclossure | M-700138 | 1 | \$1,290.00 | 15.00\% | \$1,096.50 |
| 18.F9. R40404.017000.COM | Honeywell Analytics Components | R4004a - -1,000 ppm, commercial encossure | ${ }^{\text {M-700039 }}$ | 1 | \$1,290.00 | 15.00\% | \$1,096.50 |
| 18.F9. $\mathrm{F} 4077 \mathrm{a} .0 .500 \cdot \mathrm{CoM}$ | Honeywell Analytics Components | R4077 a 0 500 ppm, commercial enclosure, CARB compliant | ${ }^{\text {M-700051 }}$ | 1 | \$1,290.00 | 15.00\% | \$1,096.50 |
| 18.F9.R.4077.0.01000-COM | Honeywell Analytics Components | R4077a a -1,000 ppm, commercial encossure | ${ }^{M-7700661}$ | 1 | \$1,290.00 | 15.00\% | \$1,096.50 |
| 18.F.F.R.410:0.0.1000.com | Honeywell Analytics Components | ${ }^{\text {R4410a }}-1.1000$ ppm, commercial encossure | M-700081 | , | \$1,290.00 | 15.00\% | \$1,096.50 |
|  | Honeywell Analytics Components | R4422d -500 popm, commercial enclosure, CARB compliant | ${ }^{\text {M } 7700022}$ | 1 | \$1,290.00 | 15.00\% | \$1,096.50 |
|  | Honeywell Analytics Components | R422d 0-1,000 pmm, commercial encolosure | $M^{M-770031}$ | 1 | \$1,290.00 | 15.00\% | \$1,096.50 |
| 18.F9.:5577.0.01000-COM | Honeywell Analytics Components | R5677 a - -1,000 ppm, commercia encossure | M-700140 | 1 | \$1,290.00 | 15.00\% | \$1,096.50 |
| 18.F9.922-0/1000-com | Honeywell Analytics Components | ${ }^{\text {R2, }} 20-1.000$ ppm, commercial enclosure | ${ }^{\text {M-700037 }}$ | 1 | \$1,290.00 | 15.00\% | \$1,096.50 |
| R-F9-R22-0/500-N | Honeywell Analytics Components | R220.500 ppm, NENA 1 enclosure, CAABB compliant | M.600421 | 1 | \$1,520.00 | 15.00\% | $\$ 1,292.00$ $\$ 1,292.00$ |
| \|R-F9.-R22-030000-ATMOSS.N1 |1.-F9.R134a:03000-ATMOS-N1 | Honeywell Analytics Components | R22 0-3,000 ppm, NEMA 1 enclosure R134a 0-3,000 ppm, NEMA 1 enclosure | M.600228 $M \cdot 511774$ | 1 | \$1,520.00 | 15.00\% | \$1,292.00 $\$ 1,292.00$ |
|  |  |  |  |  |  |  | \$1,292.00 |

The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Kicoprocessor-Controned
3. Integrated Microprocessor-Controlled HVAC Equient
 commission and which are integra
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, etc.) to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated
platforms/systems.
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
of Integrated Microprocessor-Based HVAC Equipment:

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs howers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
. Factory Installed/Factory-Provided micro-processor--controlled included/controle I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose 1 , Telecommumications, Networking Cabling, Hber Optics (e.g. phone, pox, diga

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency
B. To identify an individual(s)' location in the event of a fire or emergency.

| nose Number | Tantracurer | Prostral Desalipion | Product Code | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54" | Usit Price | \% Discoumt | Ns Net Pice |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 18.F9.R4044a:0.050-N1 | Honeywell Analytics Components | R404a 0.500 ppm, NEMA 1 endossure, CARB compliant | M.512259 | 1 | \$1,520.00 | 15.00\% | \$1,292.00 |
|  | Honeywell Analytics Components | R404a 0.3.000 ppm, NEMA 1 encossure | M.600469 | 1 | \$1,520.00 | 15.00\% | \$1,292.00 |
| 18.F9:-84077.0.050-N1 | Honeywell Analytics Components | R407a 0.500 pmm, NEMA 1 enclosure, CARB compliart | M-700045 | 1 | \$1,520.00 | 15.00\% | \$1,292.00 |
| 18.F9.-4077a-03000-ATMOS.N1 | Honeywell Analytics Components | R407a 0.3.000 ppm, NEMA 1 encossure | M.700067 | 1 | \$1,520.00 | 15.00\% | \$1,292.00 |
| 18.F9.R4410a:O3000-ATMNS $\cdot$ N1 | Honeywell Analytics Components | R410a 0.3.000 pem, NEMA 1 encossure | M-700087 | , | \$1,520.00 | 15.00\% | \$1,292.00 |
| \|R.F9.P4222d-0500-N1 | Honeywell Analytics Components | R422d 0-500 Ppm, NEMA 1 endossure, CARB compliant | M-700016 | 1 | \$1,520.00 | 15.00\% | \$1,292.00 |
| 18-F9.-422d-O3300-ATMNOS.N1 | Honeywell Analytics Components | R422d 0:3.000 ppm, NEMA 1 encossure | M-700037 | 1 | \$1,520.00 | 15.00\% | \$1,292.00 |
| 18.F9.R220.010000.COM | Honeywell Analytics Components | R220-1,000 ppm, commercili encossure | M-700137 | 1 | \$1,290.00 | 15.00\% | \$1,096.50 |
|  | Honeywell Analytics Components | R507a 0.500 pom, NEMA 1 enclosure, CARB compliant | м.600416 | , | \$1,520.00 | 15.00\% | \$1,292.00 |
| 18-F9.R5077a-0300-ATMMSS.N1 | Honeywell Analytics Components | R507a 0.3.000 ppm, NEMA 1 encossure | M.600410 | , | \$1,520.00 | 15.00\% | \$1,292.00 |
|  | Honeywell Analytics Components | Carbon diodde, 0-10.000 ppm, NEMA enclisure | ${ }^{\text {M }}$-51793 | 1 | \$1,290.00 | 15.00\% | \$1,096.50 |
| 1R-F9.CO2-1\%-ATMOS.N1 | Honeywell Analytics Components | Carbon dioide, , -10,000 pom, ATMOS, NEMA 1 | M.511821 | 1 | \$1,520.00 | 15.00\% | \$1,292.00 |
| M-511300 | Honeywell Analytics Components | DRM dual reay modue | M.51300 | 1 | \$188.00 | 15.00\% | \$159.80 |
| M.511352 | Honeywell Analytics Components | 420MDBS.960 Aifler 986 d inefrace modue 4.20 to $\mathrm{SS485}$ with phoenix commector | M.511352' | 1 | \$315.00 | 15.00\% | \$267.75 |
| M-600008 | Honeywell Analytics Components | Relay plug 4 -2 S Signal term 3 A 24 VDC | M.600008 | 1 | \$199.00 | 15.00\% | \$169.15 |
| 88888 | Honeywell Analytics Components | SCBA, with ow pressure 30 min. cylinder, medium tacepiece, bel lalm | 88888 | , | \$2,170.00 | 15.00\% | \$1,844.50 |
| 77777 | Honeywell Analytics Components | SCBA, with low pressure 30 min. cylinder, hood with medium nose cup, plain whistle alam | 77777 | , | \$2,170.00 | 15.00\% | \$1,844.50 |
| 555555 | Honeywell Analytics Components | SCBA, with high pressure 60 min. cylinder, medium faceopice, bell lam | 555555 | 1 | \$3,080.00 | 15.00\% | \$2,618.00 |
| 915140 | Honeywell Analytics Components | Spaee 30 min. ovinider, low pressure | 915140 | 1 | \$615.00 | 15.00\% | \$522.75 |
| 9177160 | Honeywell Analytics Components | Spare 60 min. cylinder, high pressure | 977160 | 1 | \$1,525.00 | 15.00\% | \$1,296.25 |
| ${ }^{995613}$ | Honeywell Analytics Components | Video, usemminenanare SCBA | ${ }^{995613}$ | , | \$27.00 | 15.00\% | \$22.95 |
| 995612 | Honeywell Analytics Components | CD-RoM, usemmanenanace SCBA | 995612 | 1 | \$5.00 | 15.00\% | \$4.25 |
| 83219 | Honeywell Analytics Components | Auminum case, deluxe unit with sheff for single SCBA | 83219 | + | \$590.00 | 15.00\% | \$501.50 |
| M-512890 | Honeywell Analytics Components | Aluminum truck munting bracket tor SCBA | M.512890 | 1 | \$292.00 | 15.00\% | \$248.20 |
| FHS-240 | Honeywell Analytics Components | DC strobe and hor (P4W-P) | ${ }^{\text {P4W,-p }}$ | 1 | \$125.00 | 15.00\% | \$106.25 |
| Stask | Honeywell Analytics Components | Strobe and horn RED Dens - 120 VAc - indoor appication | M.503258 | 1 | \$310.00 | 15.00\% | \$263.50 |
| Stasb | Honeywell Analytics Components | Strobe and hom BLUE lens - 12 V VAC - indoor applicaion | M.500902 |  | \$310.00 | 15.00\% | \$263.50 |
| STASA | Honeywell Analytics Components | Stroe and horn AMBER lens. 120 VAC - indoor appication | M.503257 | 1 | \$450.00 | 15.00\% | \$382.50 |
| P2W-P | Honeywell Analytics Components | 2 -wire hors stroe, standard candela, while, wal, 12 or 24 VDC | P2W-p | 1 | \$118.00 | 15.00\% | \$100.30 |
| P2wh-P | Honeywell Analytics Components | 2 -wire hom strobe, high candea, white, wall, 12 or 24 V Vc | P2WH-P | 1 | \$131.00 | 15.00\% | \$111.35 |
| P2WK.P | Honeywell Analytics Components | 2 -wie outdoor horn strobe, standard candela, white, wall, 12 or 24 VOC | P2WK.p | 1 | \$167.00 | 15.00\% | \$141.95 |
| РенНк.-P | Honeywell Analytics Components | 2.wire outcoor horn strobe, high candela, while, will, 120 or 24 VDC | ${ }_{\text {P2WHK.P }}$ | 1 | \$167.00 | 15.00\% | \$141.95 |
| PC2w-P | Honeywell Analytics Components | 2 -wie hom strobe, standard candela, while, celing, 12024 VDC | PC2W-P | 1 | \$118.00 | 15.00\% | \$100.30 |
| РC2WH.P | Honeywell Analytics Components | 2.wite horm strobe, high candela, whit, celing, 12 or 24 VDC | PC2WH.P | 1 | \$131.00 | 15.00\% | \$111.35 |
| staskr24VAC | Honeywell Analytics Components | Stroe and hom, RED lens, 24 V AC, indoor or outcoor | M.56649 | 1 | \$510.00 | 15.00\% | \$433.50 |
| stasbzavac | Honeywell Analytics Components | Stroe and hom, BLUE Eens, 24 VAC , indoor or outdoor | M.512023 | 1 | \$510.00 | 15.00\% | \$433.50 |
| stasazavac | Honeywell Analytics Components | Strobe and horn, AMBER lens, 24 VAC , indoor or outdoor | M.512024 | 1 | \$510.00 | 15.00\% | \$433.50 |
| Stackstasbase | Honeywell Analytics Components | Stackabe base with hom - 120 VAC - indoor or outcoor | м. 50087 | 1 | \$443.00 | 15.00\% | \$376.55 |
| STACKSTAAR | Honeywell Analytics Components |  | M.501889 | 1 | \$289.00 | 15.00\% | \$245.65 |
| stackstasb | Honeywell Analytics Components | Stackable strobe- BLUE Lens- 120 VAC - indoor or outcoor | M.501807 | 1 | \$299.00 | 15.00\% | \$254.15 |
| stackstasa | Honeywell Analytics Components | Stackale strobe - AMEER Lens - 122 VAC - indoor or outcoor | M.501806 | 1 | \$299.00 | 15.00\% | \$254.15 |
| whellock | Honeywell Analytics Components | MT4 multione strobe | WH-126143 | 1 | \$170.00 | 15.00\% | \$144.50 |
| stassonizov | Honeywell Analytics Components | Strobe RED lens - 120 VAC - indoor or outdor appicaian | M.50281 | 1 | \$454.00 | 15.00\% | \$385.90 |
| stassobitov | Honeywell Analytics Components | Strobe ELUE Iens. 122 VAC - indoor or outdoor applicition | M.50009 | 1 | \$685.00 | 15.00\% | \$582.25 |
| stassoaliov | Honeywell Analytics Components | Stroe AMBERR lens - 122 VAC - indoor or outloor application | M-50770 | 1 | \$454.00 | 15.00\% | \$385.90 |
| STASHAZR120V | Honeywell Analytics Components | Strob (NEENA AX) RED. 120 VAC - Div. 2 hazardus loc | ${ }^{\text {M }}$.502022 ${ }^{\text {52021 }}$ | 1 | \$1,443.00 | 15.00\% | \$1,226.55 |
| stashazzizov | Honeywell Analytics Components | Strobe (NEMA 4X) BLUE- 120 VAc - Div. 2 hazardus 100 | M.502021 | 1 | \$1,443.00 | 15.00\% | \$1,226.55 |
| stashazaitov | Honeywell Analytics Components | Stroe ( NEMA 4X) AMBER- 120 VAC - Div. 2 hazardous 10 C | M.5022020 | 1 | \$1,443.00 | 15.00\% | \$1,226.55 |
| STASDEFMUR120 | Honeywell Analytics Components | Exposion Proot strobe - 120 Vac C Class I, Div. 1 - wall munt | M.50763 | 1 | \$1,814.00 | 15.00\% | \$1,541.90 |
| sw-p | Honeywell Analytics Components | Stroe, standard candela, white, wall mount | sw-p | 1 | \$87.00 | 15.00\% | \$73.95 |
| scw-p | Honeywell Analytics Components | Strobe, standard candela, white, celling muunt | scw.p | 1 | \$88.00 | 15.00\% | \$74.80 |
| swhep | Honeywell Analytics Components | Stroe, high candela, while, wall mount | swh.p | 1 | \$97.00 | 15.00\% | \$82.45 |
| SwK.p | Honeywell Analytics Components | Outcor strobe, standard candela, white, wall mount | SwK.p | 1 | \$125.00 | 15.00\% | \$106.25 |
| SWHK.P | Honeywell Analytics Components | Outdoor strobe, high candela, white, wall mount | swНk.P | 1 | \$125.00 | 15.00\% | \$106.25 |
| SPsw-P | Honeywell Analytics Components | Speakeres strobe, standad candela, whie, wall mount | sPsw-P | 1 | \$157.00 | 15.00\% | \$133.45 |
| spswh.P | Honeywell Analytics Components | Speakerestrobe, high candela, white, wal mount | spswhtr | 1 | \$167.00 | 15.00\% | \$141.95 |
| spswv.p | Honeywell Analytics Components | Speaker stooe, standard candea, high de, white, wall mount | spswV-p | 1 | \$157.00 | 15.00\% | \$133.45 |
| spswk.p | Honeywell Analytics Components | Outcoor speakers strobe, standard candela, whit, wal mount | SPSWK.P | 1 | \$210.00 | 15.00\% | \$178.50 |
| hornizovac | Honeywell Analytics Components | Horn - 12 V VAC - indoor appication | м.503973 | 1 | \$237.00 | 15.00\% | \$201.45 |
| Hornwith P120V | Honeywell Analytics Components | Horn (NENA 4X) - $122 \mathrm{VAC} \mathrm{-} \mathrm{indoor} \mathrm{or} \mathrm{outidoor} \mathrm{appicaition}$ | м.503974 | 1 | \$299.00 | 15.00\% | \$254.15 |
| Hornexplizuvis | Honeywell Analytics Components | Explosion proof hom. 120 VAc C Class IDiv. 1 and 2 , tone stelectale | 01330.018 | 1 | \$3,740.00 | 15.00\% | \$3,179.00 |
| Hornexplizov | Honeywell Analytics Components | Exposion proof horn - 120 Vac - Class 1 Div . 1 | M.501767 | 1 | \$1,664.00 | 15.00\% | \$1,414.40 |
| Lens-b | Honeywell Analytics Components | Wall mount lens atachment, bue | Lenss | 1 | \$19.00 | 15.00\% | \$16.15 |
| Lens-r | Honeywell Analytics Components | Wall muntl tens atachment, red | LENS.R | 1 | \$19.00 | 15.00\% | \$16.15 |
| Lens-A | Honeywell Analytics Components | Wall munnt ens atacciment, amber | Lens-A | 1 | \$19.00 | 15.00\% | \$16.15 |
| Lens-G | Honeywell Analytics Components | Wall mount lens atacacment, green | Lens-G | 1 | \$19.00 | 15.00\% | \$16.15 |
| MP120K | Honeywell Analytics Components | ${ }^{120} \mathrm{VACa}$ adaper mounting plate | MP120K | 1 | \$50.00 | 15.00\% | \$42.50 |
| Va2017aso | Honeywell Analytics Components | Trastomer 50 VA | M.503380 | 1 | \$47.00 | 15.00\% | \$39.95 |
| HPVSDCBuL | Honeywell Analytics Components | 1224 Voc power supply, ULCCUL Listed, 2.54 @ 24 V Vcc | HPVsocsul | 1 | \$380.00 | 15.00\% | \$323.00 |
| PS.24.150-N12 | Honeywell Analytics Components | ${ }^{2} 4 \mathrm{VACNDOc}$ power supply, 6.5 SAL L appoved | M.600400 | 1 | \$356.00 | 15.00\% | \$302.60 |
| HPTV2404UL | Honeywell Analytics Components | 24 VACc powers supply, ULCOUL Isted, 100 VA | HpTT2404UL | 1 | \$132.00 | 15.00\% | \$112.20 |
| Hpv2401uL | Honeywell Analytics Components | 24 VAc powers supply, ULCOUL Listed, 200 VA | hevzatiul | 1 | \$186.00 | 15.00\% | \$158.10 |
| HPV2416-1UL | Honeywell Analytics Components | 24 VAc power suppl, ULCCUL Lised, 400 VA | HPV2416-UL | 1 | \$296.00 | 15.00\% | \$251.60 |
| UPS750VA 120 V | Honeywell Analytics Components | APC Smart.UPS XL 750 VA USB and Seial 120 V | ${ }_{\text {M }}^{\text {M } 5 \text { 679960 }}$ | 1 | \$1,319.00 | 15.00\% | \$1,121.15 |
| upstioovalizov | Honeywell Analytics Components | APC Smartups XL 1000 V U USB and Serial 120 V | ${ }^{\text {M.5.58370 }}$ | 1 | \$1,800.00 | 15.00\% | \$1,530.00 |
| UPSAPCBP | Honeywell Analytics Components | Batery unit or APC Smartups | M.508371 | 1 | \$1,059.00 | 15.00\% | \$900.15 |
| ${ }^{130960002}$ | Honeywell Analytics Components | Cal kit or 58 -103L Cylinders (all products except SoNsx, AirccarTM IR-F9 and XCD) | ${ }^{130900002}$ | 1 | \$620.00 | 15.00\% | \$527.00 |
| хСосомвкт | Honeywell Analytics Components | Sensepoin XCD combustibe calibraion kit | хсосомвкт | 1 | \$315.00 | 15.00\% | \$267.75 |
| хсотохкіт | Honeywell Analytics Components | Senseponit XCD toxic calibation kit | хсотохккт | 1 | \$315.00 | 15.00\% | 267.75 |
| ${ }^{11337-19}$ | Honeywell Analytics Components |  | ${ }^{11337-19}$ | 1 | \$240.00 | 15.00\% | \$204.00 |
| M.700144 | Honeywell Analytics Components | Demand tlow regulator 58 -103L Coylinders, 0.3 LPM tor SONBX | ${ }^{\text {M-70044 }}$ | 1 | \$312.00 | 15.00\% | \$265.20 |
|  | Honeywell Analytics Components |  | ${ }_{\text {M.501062 }}^{\text {TEST/4 }}$ | 1 | \$5.00 | 15.00\% | \$4.25 |
| test-1A | Honeywell Analytics Components |  | TESTTA | 1 | \$80.00 | 15.00\% | \$68.00 |
| ${ }_{\text {GFVV213 }}$ | Honeywell Analytics Components |  |  | 1 | \$420.00 | 15.00\% | \$357.00 |
| 2992-0015 | Honeywell Analytics Components | NH3 ( 50 pomm Nz | 2992-0015 | 1 | \$315.00 | 15.00\% | \$267.75 |
| M.501041 | Honeywell Analytics Components | NH3 (100 ppm) Air | M.501041 | 1 | \$250.00 | 15.00\% | \$212.50 |
| ${ }^{\text {M. } 507546}$ | Honeywell Analytics Components | ${ }^{\text {NH3 ( }}$ ( 500 ppm ) Air | M.507546 | 1 | \$206.00 | 15.00\% | \$175.10 |
| M. 5 50046 | Honeywell Analytics Components | ${ }^{\text {H2S }}$ (25 pmm $\mathrm{N}^{2}$ | ${ }^{\text {M.550046 }}$ | 1 | \$206.00 | 15.00\% | \$175.10 |
| M.501054 | Honeywell Analytics Components | No2 15 pmm ) N2 | M.501054 | 1 | \$382.00 | 15.00\% | \$324.70 |
| M.501052 | Honeywell Analytics Components | C12 (5 pmm N2 | ${ }^{\text {M.501052 }}$ | 1 | \$250.00 | 15.00\% | \$212.50 |
| ${ }^{2992.0035}$ | Honeywell Analytics Components | No (100 ppm) N2 | ${ }^{2992.0355}$ | 1 | \$250.00 | 15.00\% | \$212.50 |
| M. 501055 | Honeywell Analytics Components | $\mathrm{SO2}_{(5 \mathrm{ppm}) \mathrm{N} 2}^{\text {Ar }}$ | M.550 0 O5 | 1 | \$206.00 | 15.00\% | \$175.10 |
| ${ }^{\text {M.550008 }}$ | Honeywell Analytics Components | ${ }^{\text {Air }}$ | ${ }^{\text {M.501008 }}$ | 1 | \$183.00 | 15.00\% | \$155.55 |
| M.501011 | Honeywell Analytics Components | N2 | M.501011 | 1 | \$183.00 | 15.00\% | \$155.55 |
| M.500975 | Honeywell Analytics Components | CH4 (1\%\% $20 \%$ LEL) | M-500975 | 1 | \$183.00 | 15.00\% | \$155.55 |
| 998.012.01 | Honeywell Analytics Components | CH4 (25\% LEL) | 998.012.01 | 1 | \$183.00 | 15.00\% | \$155.55 |
| 998.022.001 | Honeywell Analytics Components |  | 998.022-001 | 1 | \$183.00 | 15.00\% | \$155.55 |
| M.507700 | Honeywell Analytics Components | Сзн8 (20\% LEL) | M.507700 | , | \$183.00 | 15.00\% | \$155.55 |
| 998.022-022 | Honeywell Analytics Components | C3H8( $50 \% \mathrm{LEL}$ ) | 998.022.02 | 1 | \$183.00 | 15.00\% | \$155.55 |
| 998.022-004 | Honeywell Analytics Components | С244( $50 \%$ LLLL) | 998.022-004 | 1 | \$183.00 | 15.00\% | \$155.55 |
| M.550976 | Honeywell Analytics Components | $\mathrm{H}_{2}(19 \% / 20 \% \mathrm{LEL})$ | M.500976 | 1 | \$183.00 | 15.00\% | \$155.55 |
| 1991.0159 $M .50986$ | Honeywell Analytics Components | H2( 500 pmm ( |  | 1 | \$183.00 | 15.00\% | \$155.55 |
| ${ }^{\text {M.500986 }}$ | Honeywell Analytics Components | ${ }^{02}(20 \%)$ | M.500986 | 1 | \$183.00 | 15.00\% | \$155.55 |
| M. 508161 | Honeywell Analytics Components | O2(20.9\%) | M.5.586161 | 1 | \$183.00 | 15.00\% | \$155.55 |
| M.500988 | Honeywell Analytics Components | CO (200 pmm) | ${ }^{\text {M.500988 }}$ | 1 | \$183.00 | 15.00\% | \$155.55 |

The scope of this contract includes the following
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated . croprocessor-Controild
3. Integrated Microprocessor-Controlled HVAC Eqipmet sus Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mouted Instledl Factory

Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and , Sy , commission and which are integrated with the BuildingAutomation Systems or Energy Ma products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, etc.) to communicat.
platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

I Itegrated Microprocessor-Based HVAC Equipment;

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
. Factory Installed/Factory-Provided micro-processor--controlled included/controte I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose IT, Telecommumications, Networking Cabing, Hber Optics (e.g. phone, pbx, digital centrex, digital key systems, television, cable, T-Line, general broadband,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To comunicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Moder Number | पantracturer | Ofucc Dosaripition | dule Cose | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54 " | List Price | \% Discount | wvs |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| M-501010 | Honeywell Analytics Components | CO2 (1,000 ppm) | M-50010 | 1 | \$183.00 | 15.00\% | \$155.55 |
| M.50089 | Honeywell Analytics Components | CO2 (2.000 ppm) | M.500989 | 1 | \$183.00 | 15.00\% | \$155.55 |
| M-501012 | Honeywell Analytics Components | CCI3F (R11) (500 ppm) | M.501012 | 1 | \$183.00 | 15.00\% | \$155.55 |
| M.511687 | Honeywell Analytics Components |  | M.511687 | 1 | \$183.00 | 15.00\% | \$155.55 |
| M.501005 | Honeywell Analytics Components | CHCIF2 ( (22) ( 500 Ppm ) | M.501005 | 1 | \$183.00 | 15.00\% | \$155.55 |
| M.501003 | Honeywell Analytics Components | CHC12CF3 (R123) (500 ppm) | M.501003 | 1 | \$183.00 | 15.00\% | \$155.55 |
| M.501004 | Honeywell Analytics Components | CH3CHF2 (R125) (500 ppm) | M.501004 | 1 | \$183.00 | 15.00\% | \$155.55 |
| M-504530 | Honeywell Analytics Components | CFF.CH2F (R134A) (500 ppm) | M.504530 | 1 | \$183.00 | 15.00\% | \$155.55 |
| M-509316 | Honeywell Analytics Components | Bilend of R125, R143A and R134A (R404A) (500 ppm) | M-509316 | 1 | \$183.00 | 15.00\% | \$155.55 |
| M-511688 | Honeywell Analytics Components | Blendo f R B3, R1225 and R134A (R407CC) (500 ppm) | M.511688 | 1 | \$183.00 | 15.00\% | \$155.55 |
| M.511942 | Honeywell Analytics Components | $B^{\text {Blend of f } 3 \text { 32 and R125 (P441) (500 pmm) }}$ | M.511942 | 1 | \$183.00 | 15.00\% | \$155.55 |
| M-509317 | Honeywell Analytics Components | 5050 Beend of R32 and R125 (R507) (500 ppm) | M-509317 | 1 | \$183.00 | 15.00\% | \$155.55 |
| GFV541 | Honeywell Analytics Components | CHCIF2 (R22) (100 ppm) | GFF541 | 1 | \$183.00 | 15.00\% | \$155.55 |
| M-500981 | Honeywell Analytics Components | CHCICCF3 (R123) (100 ppm) | M-500981 | 1 | \$183.00 | 15.00\% | \$155.55 |
| GFF542 | Honeywell Analytics Components | CFF.CH2F (R1384) (100 ppm) | GFF542 | 1 | \$183.00 | 15.00\% | \$155.55 |
| GFF540 | Honeywell Analytics Components | Bend of R1438A, R125 and R134A (R404A) (100 ppm) | GFF540 | 1 | \$183.00 | 15.00\% | \$155.55 |
| GFV539 | Honeywell Analytics Components | Blend of R32, R125 and R134A (R407C) (100 ppm) | GFV539 | 1 | \$183.00 | 15.00\% | \$155.55 |
| GFV537 | Honeywell Analytics Components | Blend of R32 and R125 (R410) (100 ppm) | ${ }^{\text {GFVV537 }}$ | 1 | \$183.00 | 15.00\% | \$155.55 |
| GFF558 | Honeywell Analytics Components | 50.50 Beend of R32 and R125 (R507) (1000 ppm) | GFF558 | 1 | \$183.00 | 15.00\% | \$155.55 |
| SPXCOULNCXM | Honeywell Analytics Components | Carbon monoxde (CO) explosion proot (rasmiterer (EC), 4.20 ma, 3 relays, Madus, 0.250 ppm | SPXCDULNCXM | 1 | \$1,405.00 | 15.00\% | \$1,194.25 |
| SPXCOULNFXM | Honeywell Analytics Components | Combusitidel (CH4) explosion proof transmiter (Cat Bead), 420 mA, 3 relays, Modus, $0.100 \%$ | SPXCDULNFXM | 1 | \$1,405.00 | 15.00\% | \$1,194.25 |
| Sv1P3729 | Honeywell Analytics Components | Combusitibl (CSH8) explosion proof (rasmiter (Cat Bead), $420 \mathrm{~mA}, 3$ relays, Moduss, $0.0-100 \%$ | svpr329 | 1 | \$1,505.00 | 15.00\% | \$1,279.25 |
| SU1P3730 | Honey |  | svip3730 | 1 | \$1,50, | 150 | \$1,279,25 |
| Sv\|P3731 | Honeywell Anaylics Comp |  | sulp331 | 1 | \$1,05.00 | 15.00\% | \$1,279.25 |
| sPxCDuLINHM | Honeywell Analytics Components |  | XCO | , | \$1,505.00 | 15.00\% | \$1,279.25 |
| spodantay | Honeywell Analytics Components |  | sxcounta |  | \$1,405.00 | 15.00\% | \$1,194.25 |
| SPXCOULNNXM | Honeywell Analytics Components |  | SPXCDULNNXM | 1 | \$1,405.00 | 15.00\% | \$1,194.25 |
| spxCoulnoim | Honeywell Analytics Components |  | spxcoulnorm | 1 | \$1,405.00 | 15.00\% | \$1,194.25 |
| spxcounnaim | Honeywell Analytics Components |  | spxCdulnaim | 1 | \$1,405.00 | 15.00\% | \$1,194.25 |
|  | Honeywell Analytics Components | Senseponit XCD Transmiters Class , Div. 1: UL A Approval |  | 1 |  | 15.00\% |  |
| SpxCoulnexM | Honeywell Analytics Components | prof transmiter (IR), methane (CH4) 4-20 MA, 3 reals, Moolv | spxCdulnk | 1 | \$1,505.00 | 15.00\% | \$1,279.25 |
| SPXCDULNPXM | Honeywell Analytics Components |  | SPxCDuLNPXM | 1 | \$1,505.00 | 15.00\% | \$1,279.25 |
| SPXCDULnB1M | Honeywell Analytics Components | Catbon dioxde (CO2) explosion proof (ransmiter (IR), 4.20 ma, 3 reays, Modus, $0.2 \% \mathrm{Vol}$ | SPxCoulneim | 1 | \$1,505.00 | 15.00\% | \$1,279.25 |
| spxCoxsfxss | Honeywell Analytics Components | Farmmabe CAT - $100 \%$ LEL (20 to 100.0\% LEL) | spxcoxsfxss | 1 | \$450.00 | 15.00\% | \$382.50 |
| spxCoxso 1 Ss | Honeywell Analytics Components | Oxyen (02) 25.\%\%Vol only | spxcoxsoiss | 1 | \$450.00 | 15.00\% | \$382.50 |
| spxCoxshxss | Honeywell Analytics Components |  | SPxCDxSHxss | 1 | \$450.00 | 15.00\% | \$382.50 |
| SpxCoxscxss | Honeywell Analytics Components | Carbon monoxide (C) 0.550 pom (1000 010000 pmm ) | spxcoxscxss | 1 | \$450.00 | 15.00\% | \$382.50 |
| SPXCOXSE1ss | Honeywell Analytics Components | Carbon dioxde (CO2) $0.2 \% \mathrm{VOL}$ | SPXCDXSB8S | 1 | \$625.00 | 15.00\% | \$531.25 |
| spxCDxsciss | Honeywell Analytics Components | Hydrogen (H2) 0-1000 ppm only | spxcoxsGass | 1 | \$420.00 | 15.00\% | \$357.00 |
| spxcoxsswxs | Honeywell Analytics Components | Nitrogen dioxde (NO2) 10.50 pm | spxCoxssnxs | 1 | \$450.00 | 15.00\% | \$382.50 |
| SpXCoxssxxs | Honeywell Analytics Components | Flammable IR 0 -100\% LEL melhane (20 000 100.0\% LEL) | spxcoxsrxss | 1 | \$625.00 | 15.00\% | \$531.25 |
| SPxDCWP | Honeywell Analytics Components | Sensepoint XCD Standard weather protection | SPxocw | 1 | \$54.00 | 15.00\% | \$45.90 |
| spxcoskLS | Honeywell Analytics Components | Sensor relainer with locking screw | SPXCDSRRLS | 1 | \$60.00 | 15.00\% | \$51.00 |
| SPXCDAKS | Honeywell Analytics Components | Allen key tor stoper | SpxCDaks | 1 | \$11.00 | 15.00\% | \$9.35 |
| SPXCOHWES | Honeywell Analytics Components | Hex werenh tor earth screw | SPXCOHWES | 1 | \$11.00 | 15.00\% | \$9.35 |
| SPXCOEBS | Honeywell Analytics Components | Earth brackel and screws | SPXCDEEBS | 1 | \$15.00 | 15.00\% | \$12.75 |
| spXcomag | Honeywell Analytics Components | Magneic wand | SPXCDMAG | 1 | \$34.00 | 15.00\% | \$28.90 |
|  | Honeywell Analytics Components | XCD Accessories, Class , Div. 10 Order Number Price (USD) |  | 1 |  | 15.00\% |  |
| sskcal | Honeywell Analytics Components | Calibraion rap | sskcal | 1 | \$67.00 | 15.00\% | \$56.95 |
| sPxCDCC | Honeywell Analytics Components | Coloecting cone tor ses with ligher than air gases | SPXCDCC | 1 | \$67.00 | 15.00\% | \$56.95 |
| SPXCDDMK | Honeywell Analytics Components | Duct mounting kit | SPXCDDMK | 1 | \$393.00 | 15.00\% | \$334.05 |
| spXCDmtbr | Honeywell Analytics Components | Munting bracket (inc. bolss, nuts, brackess) | spXcomtbr | 1 | \$67.00 | 15.00\% | \$56.95 |
| SPXCDSDP SPXCDHMANEN | Honeywell Analytics Components | Sunshade/ deluge protection Hard copy manuali 0 encish | SPXCDSDP SPXCDHMANEN | 1 | $\$ 269.00$ $\$ 34.00$ | 15.00\% 15.00\% | \$228.65 $\$ 28.90$ |
| spxcoulnozm |  | Oxgen (02) explosion proof transmiter (EC), $420 \mathrm{~mA}, 3$ relays, Modubs, $0 .-25 \%$ aumiumm | spxcoulnozm | 1 |  |  |  |
| spxcoulnhzm | Honeywell Analytics Components |  | spxCoulnhzm | 1 | \$1,405.00 | 15.00\% | \$1,194.25 |
| spxCDuncra | Honeywell Analytics Components |  | spxornaz |  | \$1,405.00 | 15.00\% | \$1,194.25 |
| spxcounczam | Honeywell Analytics Components | explosion proof transmitet (EC), 4-20 ma, 3 realas, Mactus, 0-200 ppm | spxCoulncza | 1 | \$1,405.00 | 15.00\% | \$1,194.25 |
| SPXCDULNG2M | Honeywell Analytics Components | (H2) explosion proof trasmiter (EC), 4-20 mA, 3 relays, Moabus, 0-1,000 pom | SPXCDULNG2M | 1 | \$1,405.00 | 15.00\% | \$1,194.25 |
| spxcoulnnzm | Honeywell Analytics Components | Hrogen dioxide (NO2) explosion proot transmiter (EC), 4.20 mA, 3 realy, Madbus, 0.10 ppm | spxcdulnnem | 1 | \$1,405.00 | 15.00\% | \$1,194.25 |
| SPXCDULnazm | Honeywell Analytics Components | monia (NH33) explosion proot trassiter (EC), $4.20 \mathrm{~mA}, 3$ realas, Mostus, 0.50 pom | SPxCdulnazm | 1 | \$1,505.00 | 15.00\% | \$1,279.25 |
| SPXCOULNL2M | Honeywell Analytics Components | Chloine (CI2) explosion proof transmiter (EC), 422 mA m, 3 relays, Modobus, 0.5 ppm auminum | SPxCDuLNL2M | 1 | \$1,505.00 | 15.00\% | \$1,279.25 |
| SPXCDULNS2M | Honeywell Analytics Components | Sulurr dioxde (SO2) explosion proot transmiter (EC), 4.20 mA, 3 relays, Modus, , -15 ppm | SPXCDULNS2M | 1 | \$1,505.00 | 15.00\% | \$1,279.25 |
| spxcounnoz | Honeywell Analytics Components | coxde (NO) exlosion proof trasmiter (EC), 422 mA m, 3 realys, Modus, 0.100 ppm | SPXCDULN02M | 1 | \$1,505.00 | 15.00\% | \$1,279.25 |
| SPXCDULNozrm | Honeywell Analytics Components | Pygen (O2) explosion proof transmiter (EC), 420 mA , 3 realas, Modusus, $0.25 \%$ auminum | SPXCDULNozrM | 1 | \$1,555.00 | 15.00\% |  |
| SPXCDULNHLRM | Honeywell Analytics Components |  | SPXCDULNHRRM | 1 |  | 15.00\% | \$1,321.75 |
| spxcoulnczrm | eywell Analytics Compa | oxde (CO) explosion proot transmitter (EC), 4-20 mA, 3 realy, M, Madus, 0.200 | SPXCOULNC2rM | 1 | \$1,555.00 | 15.00\% | \$1,321.75 |
| spXcdulngram | Honeywell Analytics Components | Hydrogen (H2) explosion proof transmiter (EC), 4-20 mA, 3 relays, Modibs, $0.1,000 \mathrm{ppm}$ | SPXCDULNG2RM | 1 | \$1,555.00 | 15.00\% | .75 |
| SPXCDULNN2RM | Honeywell Analytics Components |  | SPXCDULINRRM | 1 | \$1,555.00 | 15.00\% | \$1,321.75 |
| spXcoulnazrm | Honeywell Analytics Components | monia (NH3) explosion proot transmiter (EC), 4.20 ma, , realys, Modous, 0.500 pom | SPXCOULNA2RM | , | \$1,555.00 | 15.00\% | \$1,321.75 |
|  | Honeywell Analytics Components |  |  |  | \$1,655.00 | 15.00\% | \$1,406.75 |
| SPXCOULNLLRM | Honeywell Analytics Components | Chloine (C12) explosion proof transmiter (EC), 4-20 mA, 3 relays, Modobus, 0.5 ppm auminum | SPXCOULINLRM | 1 | \$1,655.00 | 15.00\% | \$1,406.75 |
| SPXCDULNS2RM | Honeywell Analytics Components | Uur dioxde (SO2) explosion proof transmiter (EC), 420 mA, 3 relays, Modus, 0.15 ppm | SPXCDULNS2RM | ${ }^{1}$ | \$1,655.00 | 15.00\% | \$1,406.75 |
| SPXCDULNO2RM | Honeywell Analytics Components | iter $(E)$ | SPXCDULNOZRM | 1 | \$1,655.00 | 15.00\% | \$1,406.75 |
|  | Honeywell Analytics Components | XCD Sensous Class 1. Div. 2 |  | 1 |  | 15.00\% |  |
| ${ }^{210681830}$ | Honeywell Analytics Components | Oxygen (02) $0.25 \% \%$ Vol sensor | ${ }^{210681830}$ | 1 | \$752.00 | 15.00\% | \$639.20 |
| ${ }^{210681801}$ | Honeywell Analytics Components | Hydrogen sulide (H2S) 0.50 ppm sensor | ${ }^{210688801}$ | 1 | \$752.00 | 15.00\% | \$639.20 |
| ${ }^{210683806}$ | Honeywell Analytics Components | Carbon monoxde (CO) $0 \cdot-200$ ppm sensor | ${ }_{2}^{210681806}$ | 1 | \$752.00 | 15.00\% | \$639.20 |
| ${ }^{210681817}$ | Honeywell Analytics Components | Hydrogen (H2) 0.1,000 ppm sensor | ${ }^{210681817}$ | 1 | \$752.00 | 15.00\% | \$639.20 |
| 210681822 | Honeywell Analytics Components | Nitrogen dioxde (NO2) $0-10$ ppm sensor | 210611822 | 1 | \$752.00 | 15.00\% | \$639.20 |
| 21061813 | Honeywell Analytics Components | Ammonia ( NH 3 3 ) 0.50 ppm sensor | ${ }^{210681813}$ | 1 | \$852.00 | 15.00\% | \$724.20 |
| 210681810 | Honeywell Analytics Components | Chlorine (I2) 0.5 spm sensor | 210681810 | 1 | \$852.00 | 15.00\% | \$724.20 |
| 210681820 2068198 | Honeywell Analytics Components | Sulur dioxde (SO2) 0.15 ppm sensor | ${ }^{210681820}$ | 1 | \$852.00 | 15.00\% | \$724.20 |
| 210681818 | Honeywell Analytics Components | Nitric xide (No) 0-100 pom sensor | 210681818 | 1 | \$852.00 | 15.00\% | \$724.20 |
|  | Honeywell Analytics Components Honeywell Analytics Components |  |  | 1 | $\$ 450.00$ | 15.00\% | $\$ 382.50$ $\$ 882.50$ |
| ${ }_{2}^{21088151566}$ | Honeywell Analytics Components Honeywell Analytics Components | Hydrogen sulfide (H2S) 0-50 ppm replacement cell kit Carbon monoxide (CO) 0-200 ppm Cell Kit | 2106B1546 2106B1547 | 1 | $\$ 450.00$ $\$ 450.00$ | 15.00\% 15.00\% | $\$ 382.50$ $\$ 822.50$ |
| 210681548 | Honeywell Analytics Components | Hydrogen (H2) $0-1,000$ ppm repacement cell $k$ k | 210681548 | 1 | \$450.00 | 15.00\% | \$382.50 |
| 210681549 | Honeywell Analytics Components | Nitrogen dixide (NO2) $0-10$ ppm repaceement tell $k$ kt | 210681549 | 1 | \$450.00 | 15.00\% | \$382.50 |
| ${ }^{210681594}$ | Honeywell Analytics Components | Ammonia (NH3) 0.50 ppm repalacement cell kit | ${ }^{210681594}$ | 1 | \$550.00 | 15.00\% | \$467.50 |
| 210681596 210681597 | Honeywell Analytics Components Honeywell Analytics Components |  | 210681596 21081597 | 1 | $\$ 550.00$ $\$ 550.00$ | 15.00\% 15.00\% | $\$ 467.50$ $\$ 467.50$ |
| 210681599 | Honeywell Analytics Components | Nitrio oxde (No) 0 -100 pom replacement cell kit | 210681599 | 1 | \$550.00 | 15.00\% | \$467.50 |

The scope of this contract includes the following
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated hicroprocessor-Contronled H AC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcagteries of Building Automation Systems.
. Itegrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Monted HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to progra, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pane((NAP), and/or other similar device, which utilize certain ${ }^{2}$ (e.g. BACNet, LonTalk, Modbus, mong these systems, and where the Building Automation System or fire alarm

Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, . wers, water fountains, water heaters hot water tanks, garbage disposa
.
Chillers, Rooftop Units boilers air handlers, fan coil unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
B. Audio-Video equi,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Nicroprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
. It egrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Miled HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integra
products by the authorized user. products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pane (1, and/or other similar device, which uilize certan scols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs . wers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
B. Audio-Video equi

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| mber | Mantracurer | duct Descriplion | Product Code | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54 " | Lis Price | \% Discount | Nss |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ABB-15L5083A00 | ABB, INC (Entrelec) | 1 IN $\times 3$ In $\times 6.5$ FT WHite duct, InCL COVER | QD100X300SW (SPA\# 68466) | 1 | \$62.94 | 38\% | \$39.02 |
| ABB-15L5083A00QT14 | ABB, INC (Entrelec) | 1 In $\times 3$ In C 6.5 FT White duct, W COVER ( 14 PK ) | KELE KIT | 1 | \$837.09 | 38\% | \$519.00 |
| ABB-1SLL5085A00 | ABB, INC (Entrelec) | 1.5 In $\times 3$ IN $\times 6.5$ FT WHITE DUCT, INCL COVER | QD150X300SW (SPA\# 68466) | 1 | \$65.59 | 38\% | \$40.67 |
| ABB-1SL5085A00QT18 | ABB, INC (Entrelec) | 1.5 In $\times 3$ In $\times 6.5$ Ft WHite duct W/ Cover (18 PK) | KELE KIT | 1 | \$1,121.62 | 38\% | \$695.40 |
| ABB-15L5087A00 | ABB, INC (Entrelec) | 2.25 In $\times 3$ IN $\times 6.5$ FT WHITE DUCT, INCL COVER | QD225X3005W (SPA\# 68466) | 1 | \$69.02 | 38\% | \$42.79 |
| ABB-1SLL5089A00 | ABB, INC (Entrelec) | 3 IN $\times 3$ IN $\times 6.5$ FT WHITE DUCT, INCL COVER | QD300X300SW (SPA\# 68466) | 1 | \$81.78 | 38\% | \$50.70 |
| ABB-15L5089QT8 | ABB, INC (Entrelec) | 3 IN $\times 3$ IN $\times 6.5$ F WHitte duct w/COVER (PGG8) | KELE Kit | 1 | \$621.53 | 38\% | \$385.35 |
| ABB-1SL5302A00 | ABB, INC (Entrele) | White Cover for 1 IN WIRE DUCT | QDC100W (SPA\# 68466) | 1 | \$6.99 | 38\% | \$4.33 |
| ABB-1SL5304A00 | ABB, INC (Entrele) | WHITE COVER FOR 1.5 In WIRE DUCT | QDC150W (SPA\# 68466) | 1 | \$15.46 | 38\% | \$9.59 |
| ABB-1SL5306A00 | ABB, INC (Entrelec) | WHITE COVER FOR 2.25 In WIRE DUCT | QDC225W | 1 | \$23.72 | 38\% | \$14.71 |
| ABB-15L5308A00 | ABB, INC (Entrelec) | White Cover for 3 In Wire duct | QDC300W | 1 | \$35.40 | 38\% | \$21.95 |
| ABB-5043 | ABB, INC (Entrelec) | 1 IN X 1.5 In X 6.5 FT GRAY DUCT, INCL COVER | QD100x1505G (SPA\# 68466) | 1 | \$38.42 | 38\% | \$23.82 |
| ABB-5043-PKG24 | ABB, INC (Entrelec) | 1 IN $\times 1.5$ In $\times 6.5$ FT GRAY DUCT W/COVER (PRG24) | KELE KIT | 1 | \$875.89 | 38\% | \$543.05 |
| ABB-5045 | ABB, INC (Entrelec) | 1.5 In X .5 5 IN X 6.5 FT GRAY DUCT, INCL COVER | QD150x1505G (SPA\# 68466) | 1 | \$39.90 | 38\% | \$24.74 |
| ABB-5045QT15 | ABB, INC (Entrelec) | 1.5 In x 1.5 INX 6.5 FT GRAY DUCT W/ CVR ( 15 PK ) | KELE KIT | 1 | \$568.54 | 38\% | \$352.49 |
| ABB-5067 | ABB, INC (Entrele) | 2.25 In $\times 2.25$ In $\times 6.5$ FT GRAY DUCT, InCL Cover | QD225x2255G (SPA\# 68466) | 1 | \$55.40 | 38\% | \$34.35 |
| ABB-5067QT16 | ABB, INC (Entrelec) | 2.25 IN $\times 2.25$ In 6.5 FT GRAY DUCT W/CVR (16 PK) | KELE KIT | 1 | \$842.08 | 38\% | \$522.09 |
| ABB-5083 | ABB, INC (Entrelec) | 1 IN $\times 3$ In $\times 6.5$ Ft GRAY DUCT, InCL COVER | QD100x3005G (SPA\# 68466) | 1 | \$48.53 | 38\% | \$30.09 |
| ABB-5083QT14 | ABB, INC (Entrelec) | 1 IN $\times 3$ IN X 6.5 F G Gray duct W/ COVER (14 PK) | KELE KIT | 1 | \$645.47 | 38\% | \$400.19 |
| ABB-5085 | ABB, INC (Entrelec) | $1.5 \mathrm{IN} \times 3$ IN $\times 6.5$ F G Gray duct, Incl Cover | QD150X3005G (SPA\# 68466) | 1 | \$47.82 | 38\% | \$29.65 |
| ABB-5085QT18 | ABB, INC (Entrelec) | 1.5IN $\times 3$ In $\times 6.5$ FT GRAY DUCT W/ COVER (18 PK) | KELE KIT | 1 | \$817.66 | 38\% | \$506.95 |
| ABB-5087 | ABB, INC (Entrelec) | 2.25 In $\times 3$ In $\times 6.5$ FT GRAY DUCT, INCL COVER | QD225x3005G (SPA\# 68466) | 1 | \$57.22 | 38\% | \$35.48 |
| ABB-50870T12 | ABB, INC (Entrele) | 2.25 In X 3 In X 6.5 FT GRAY DUCT, InCL COVER | KELE KIT | 1 | \$652.26 | 38\% | \$404.40 |
| ABB-5089 | ABB, INC (Entrele) | 3 IN $\times 3$ In $\times 6.5$ Ft Gray duct, incl cover | QD300X3005G (SPA\# 68466) | 1 | \$72.76 | 38\% | \$45.11 |
| ABB-5089-PKG8 | ABB, INC (Entrelec) | 3 In $\times 3$ In X 6.5 FT GRAY DUCT W/COVER (PKG8) | KELE Kit | 1 | \$552.98 | 38\% | \$342.85 |
| ABB-5302 | ABB, INC (Entrele) | GRAY COVER FOR 1 IN WIRE DUCT | QDC100G (SPA\# 68466) | 1 | \$7.99 | 38\% | \$4.95 |
| ABB-5304 | ABB, INC (Entrelec) | GRAY COVER FOR 1.5 In WIRE DUCT | QDC150G (SPA\# 68466) | 1 | \$11.54 | 38\% | \$7.15 |
| ABB-5306 | ABB, INC (Entrelec) | GRAY COVER FOR 2.25 In WIRE DUCT | QDC225G | 1 | \$23.68 | 38\% | \$14.68 |
| ABB-5308 | ABB, INC (Entrelec) | GRAY COVER FOR 3 IN WIRE DUCT | QDC300G | 1 | \$35.54 | 38\% | \$22.03 |
| ABB-15L5087A00-PKG12 | ABB, INC (Entrelec) | 2.25 in $\times 3$ 3in $\times 6.55$ WHITE DUCT W/COVER (PKG12) | KELE KIT | 1 | \$786.83 | 38\% | \$487.83 |
| BA5-50 | ABB, INC (Entrele) | ID MARKERS, A9 - A110, QTY 50 | BAS-50 | 1 | \$53.10 | 38\% | \$32.92 |
| BAM2-BG | ABB, INC (Entrelec) | End stop beige | 029635100 | 1 | \$2.95 | 38\% | \$1.83 |
| BAM2 | ABB, INC (Entrelec) | END STOP GRay | 020635116 (SPA \#68466) | 1 | \$1.70 | 38\% | \$1.05 |
| BAM2-PKG50 | ABB, INC (Entrelec) | END STOP GRAY (PKG OF 50) | KELE KIT | 1 | \$80.75 | 38\% | \$50.07 |
| BAMH | ABB, INC (Entrelec) | END STOP BAMH TALL | 011483600 | 1 | \$5.14 | 38\% | \$3.19 |
| BJDG-20 | ABB, INC (Entrelec) | JUMPER BAR - 20 POLE | 017803326 | 1 | \$29.46 | 38\% | \$18.27 |
| BJM5 | ABB, INC (Entrele) | 5 mm JUMPER BAR ASSMB FOR M2,5/5, 10 POLES PER BAR | 017627705 | 1 | \$15.09 | 38\% | \$9.36 |
| вנМ6-10 | ABB, INC (Entrelec) | BJMG Jumper Assmby 10 PoLE | 016897307 | 1 | \$112.80 | 38\% | \$69.94 |
| BJS6 | ABB, INC (Entrelec) | Jumper bar 20 PoLes Per bar | 017488420 (SPA\# 68466) | 1 | \$4.55 | 38\% | \$2.82 |
| BJS6-10 | ABB, INC (Entrelec) | JUMPER BAR 10 Poles Per bar | 016457625 | 1 | \$4.64 | 38\% | \$2.88 |
| Bנ36-2 | ABB, INC (Entrele) | Jumper bar 2 POLES PER BAR | 016457322 | 1 | \$1.62 | 38\% | \$1.00 |
| BJS6-3 | ABB, INC (Entrelec) | JUMPER BAR 3 POLES PER BAR | 016457423 | 1 | \$1.81 | 38\% | \$1.12 |
| BJS6-4 | ABB, INC (Entrelec) | JUMPER BAR 4 POLLES PER BAR | 016457524 | 1 | \$1.78 | 38\% | \$1.10 |
| BJS6-5 | ABB, INC (Entrele) | Jumper bar 5 POLES PER BAR | 016473625 | 1 | \$2.06 | 38\% | \$1.28 |
| BJS8 | ABB, INC (Entrele) | M6/8 Jumper bar 20 POLE | 017488905 (SPA\# 68466) | 1 | \$13.57 | 38\% | \$8.41 |
| CA501 | ABB, INC (Entrelec) | AUXILLARY CONTACT, 1 NC | CAS-01 | 1 | \$16.00 | 38\% | \$9.92 |
| CL-502G | ABB, INC (Entrelec) | Green 24VACNDC LED Pilot Light | CL-502G | 1 | \$38.39 | 38\% | \$23.80 |
| CL-502L | ABB, INC (Entrelec) | Blue 24VAC/VDC LED Piot Light | CL-502L | 1 | \$38.39 | 38\% | \$23.80 |
| CL-502R | ABB, INC (Entrelec) | Red 24VAC/VDC LED Piot Light | CL-502R | 1 | \$56.85 | 38\% | \$35.25 |
| CL-502W | ABB, INC (Entrelec) | White 24VAC/VDC LED Pilot Light | CL-502W | 1 | \$38.39 | 38\% | \$23.80 |
| CL-502Y | ABB, INC (Entrelec) | Yellow 24VAC/NDC LED Pioto Light | CL-502Y | 1 | \$38.39 | 38\% | \$23.80 |
| CL-513G | ABB, INC (Entrele) | Green 120VAC LED Piot Light | CL-513G | 1 | \$56.85 | 38\% | \$35.25 |
| CL-513L | ABB, INC (Entrelec) | Blue 120VAC LED Pilot Light | CL-513L | 1 | \$38.39 | 38\% | \$23.80 |
| CL-513R | ABB, INC (Entrelec) | Red 120VAC LED Piot Light | CL-513R | 1 | \$38.39 | 38\% | \$23.80 |
| CL-513W | ABB, INC (Entrelec) | White 120VAC LED Pilot Light | CL-513W | 1 | \$38.39 | 38\% | \$23.80 |
| CL-513Y | ABB, INC (Entrelec) | Yellow 120VAC LED Piotot Light | CL-513Y | 1 | \$38.39 | 38\% | \$23.80 |
| D4/6 | ABB, INC (Entrele) | 6 mM TERM.BLOCK W/O CENTER FOOT | 021511613 | 1 | \$3.14 | 38\% | \$1.95 |
| D4/6.2L | ABB, INC (Entrelec) | GRAY SPRING LOAD TERMINAL BLOCK | 029006107 | 1 | \$3.09 | 38\% | \$1.92 |
| EV6 | ABB, INC (Entrele) | JUMPER BAR SUB-ASY PKG20 | 016860416 (SPA\# 68466) | 1 | \$20.23 | 38\% | \$12.54 |
| FED3E | ABB, INC (Entrele) | END PLATE | 011677120 | 1 | \$2.97 | 38\% | \$1.84 |
| FED5.2L | ABB, INC (Entrelec) | GRAY END SECTIION FOR D4/6.2L | 029106124 | 1 | \$1.81 | 38\% | \$1.12 |
| ${ }_{\text {FEM } 12}$ | ABB, INC (Entrelec) | END SECTION FEM12 | 011861801 | 1 | \$1.98 | 38\% | \$1.23 |
| FEM12S | ABB, INC (Entrelec) | END PIECE FOR M10/12.SFL | 011762822 | 1 | \$1.99 | 38\% | \$1.23 |
| fem6 | ABB, INC (Entrele) | END PLATE FOR M4/6 | 011836816 (SPA\# 68466) | 1 | \$0.88 | 38\% | \$0.55 |
| femb blue | ABB, INC (Entrele) | END PLATE FOR M/6/6-blue | 012836810 | 1 | \$1.32 | 38\% | \$0.82 |
| FEM6-BG | ABB, INC (Entrele) | end section beige | 019836817 | 1 | \$1.09 | 38\% | \$0.68 |
| femb-or | ABB, INC (Entrelec) | FEM6 ORANGE END SECTION | 010312616 | 1 | \$1.23 | 38\% | \$0.76 |
| FEM6-PKG20 | ABB, INC (Entrelec) | END PLATE GRAY (PKG OF 20) | KELE KIT | 1 | \$16.72 | 38\% | \$10.37 |
| FEM6-w | ABB, INC (Entrelec) | FEMG WHITE END SECTION | 010331220 | 1 | \$1.15 | 38\% | \$0.71 |
| FEM6-Y | ABB, INC (Entrelec) | FEM6 YELLOW END SECTION | 010306221 | 1 | \$1.15 | 38\% | \$0.71 |
| Fem62 | ABB, INC (Entrelec) | GRAY END SECTION FOR M4/6SNBT1 | 011499407 | 1 | \$1.90 | 38\% | \$1.18 |
| FEM6D | ABB, INC (Entrele) | END SECTION FEM6D | 011849923 | 1 | \$2.98 | 38\% | \$1.85 |
| FEM8S | ABB, INC (Entrele) | END PLATE | 011695115 | 1 | \$1.39 | 38\% | \$0.86 |
| Len | ABB, INC (Entrelec) | FUSE INDICATOR LAMP 110-380V | 016707525 (SPA\# 68466) | 1 | \$4.95 | 38\% | \$3.07 |
| M10/16SF | ABB, INC (Entrelec) | fuse holder | 011537724 | 1 | \$25.05 | 38\% | \$15.53 |
| M10/16SFL | ABB, INC (Entrelec) | FUSE Holder | 011537805 (SPA\# 68466) | 1 | \$22.80 | 38\% | \$14.14 |
| M16/12 | ABB, INC (Entrelec) | M16/12 TERMINAL | 011512914 | 1 | \$12.49 | 38\% | \$7.74 |
| M2S52-30801 | ABB, INC (Entrelec) | 2 Pos Selector Switch Maint 1 N.C. Contact | M2S52-60801 | 1 | \$43.17 | 38\% | \$26.77 |
| M2S52-30810 | ABB, INC (Entrelec) | 2 Pos Selector Switch Maint 1 N.O. Contact | M2S52-60B10 | 1 | \$43.17 | 38\% | \$26.77 |
| M2SS2-30811 | ABB, INC (Entrele) | 2 Pos Selector Switch Maint 1 N.O. 1 N.C. Contact | M2S52-60811 | 1 | \$59.59 | 38\% | \$36.95 |
| M2S52-60820 | ABB, INC (Entrelec) | 2 POS KNOB A-C BLCK CMR 2 No | M2S52-60820 | 1 | \$65.75 | 38\% | \$40.77 |
| M2SSK1-30101 | ABB, INC (Entrelec) | 2 Position Key Switch 1 N.C. Contact | M2SSK1-60101 | 1 | \$104.83 | 38\% | \$64.99 |
| M2SSK1-30110 | ABB, INC (Entrelec) | 2 Position Key Switch 1 N.O. Contact | M2SSK1-60110 | 1 | \$104.83 | 38\% | \$64.99 |
| M2SSK1-30111 | ABB, INC (Entrelec) | 2 Position Key Switch 1 N.O.1 1 N.C Contact | M2SSK1-60111 | 1 | \$121.24 | 38\% | \$75.17 |
| M2SSK1-30120 | ABB, INC (Entrelec) | 2 POS SW, KEY LOCK, REM B-C, 2 NO | M2SSK1-60120 | 1 | \$121.24 | 38\% | \$75.17 |
| M35S1-30820 | ABB, INC (Entrelec) | 3 Pos Selector Switch Maint 2 N.O. Contact | M35S1-60820 | 1 | \$67.86 | 38\% | \$42.07 |
| M3SS1-30822 | ABB, INC (Entrele) | 3 Pos Selector Switch Maint 2 N.O. 2 N.C. Contact | M3S51-60822 | 1 | \$96.60 | 38\% | \$59.89 |
| M3SSC1-108 | ABB, INC (Entrelec) | 3 3POS SS CNTR OP A-B-C SELECTOR SWITCH | $8.0432544215 \mathrm{e}+011$ | 1 | \$30.85 | 38\% | \$19.13 |
| M3SSK1-30111 | ABB, INC (Entrelec) | 3 POSITION KEY SWITCH, 1 N.O., 1 N.C. CONTACT | M3SSK1-60111 | 1 | \$145.93 | 38\% | \$90.48 |
| M3SSK1-30120 | ABB, INC (Entrelec) | 3 Position Key Switch 2 N.O. Contact | M3S5K1-60120 | 1 | \$145.93 | 38\% | \$90.48 |
| M3SSK1-30122 | ABB, INC (Entrelec) | 3 Position Key Switch 2 N.O. 2 N.C. Contact | M3SSK1-60122 | 1 | \$178.80 | 38\% | \$110.86 |
| M4/6 | ABB, INC (Entrelec) | 6 MM (.238in) TERMINAL BLOCK | 011511607 (SPA \# 68466) | 1 | \$2.29 | 38\% | \$1.42 |
| M4/6 D2-rw | ABB, INC (Entrelec) | DOUBLE TERMINAL BLOCK YELOW | 010504522 | 1 | \$7.86 | 38\% | \$4.87 |
| M4/6SNBT | ABB, INC (Entrele) | SWITCH TERMINAL, GRAY | 011543812 | 1 | \$13.82 | 38\% | \$8.57 |
| M4/G-BG | ABB, INC (Entrelec) | 6MM(.238in)TERM.BLOCK - beige | 01951600 (SPA\# 68466) | 1 | \$2.29 | 38\% | \$1.42 |
| M4/6-BK | ABB, INC (Entrelec) | 6 MM (.238in) TERM.BLOCK - BLACK | 010503114 (SPA\# 68466) | 1 | \$2.29 | 38\% | \$1.42 |
| M4/6-BK-PKG 50 | ABB, INC (Entrelec) | $6 \mathrm{~mm} \mathrm{din} \mathrm{Rail} \mathrm{TerMinal} \mathrm{block} \mathrm{-} \mathrm{BLACK} \mathrm{(PKG} \mathrm{OF} \mathrm{50)}$ | KELE KIT | 1 | \$108.78 | 38\% | \$67.44 |
| M4/6-BL | ABB, INC (Entrelec) | 6MM(.238in) TERM.BLLOCK - BLUE | 012511601 (SPA\# 68466) | 1 | \$2.28 | 38\% | \$1.41 |
| M4/6BR | ABB, INC (Entrelec) | 6 GM ( 2338 ) In TERMINAL BLOCK - Brown | 010520914 | 1 | \$3.06 | 38\% | \$1.90 |
| M4/6-GR | ABB, INC (Entrelec) | 6MM(.238in) TERM.BLOCK - GREEN | 010500127 (SPA\# 68466) | 1 | \$2.29 | 38\% | \$1.42 |
| M4/6-OR | ABB, INC (Entrele) | 6Mm(.238in)TERM.BLOCK - ORANGE | 01050022 (SPA\# 68466) | 1 | \$2.28 | 38\% | \$1.41 |
| M4/6-PKG50 | ABB, INC (Entrelec) | ${ }^{6}$ MM GRAY SECTIONAL TERMINAL BLOCKS (PKG OF 50 ) | ${ }^{\text {KELE KIT }}$ (1053215 (SPA 68466) | 1 | \$108.78 | 38\% | \$67.44 |
| M4/6-RD | ABB, INC (Entrelec) | 6MM(.238in)TERM.BLOCK - RED | 010503215 (SPA\# 68466) | 1 | \$2.29 | 38\% | \$1.42 |
| M4/6-WH | ABB, INC (Entrelec) | 6 MM (.238in) TERM.BLOCK - white | 010505120 | 1 | \$3.10 | 38\% | \$1.92 |
| M4/6-rw | ABB, INC (Entrelec) | 6MM(.238in)TERM.BLOCK - YELLOW | 01051616 (SPA\# 68466) | 1 | \$2.29 | 38\% | \$1.42 |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Nicroprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
. It agrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory Mond HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integra
products by the authorized user. products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pane (MA), and/or other similar device, which uilize certain cols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjuncion wishe contractor providing the aforementioned

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, . wers, water fountains, water heaters hot water tanks, garbage disposal
2. General Ductwork, Piping, etc. shall not be obtained on these contracts.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
B. Audio-Video equipment or systems (eg. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' 'ocation in the event of a fire or emergency.

|  |  |  |  | $\begin{gathered} \text { "Warranty Period - \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54 \text { " } \end{gathered}$ | List Price | \% Discount | Nvs Nel Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| M4/6.P | ABB, INC (Entrelec) | GROUNDING LUG GREEN YELLOW | 016511316 (SPA\# 68466) | 1 | \$8.94 | 38\% | \$5.54 |
| M4/6.SNB | ABB, INC (Entrelec) | 4 mm TERMINAL BLOCK GREY/ORANGE | 011598600 | 1 | \$6.80 | 38\% | \$4.22 |
| M4/602 | ABB, INC (Entrelec) | DOUBLE TERMINAL BLOCK | 011527122 (SPA\# 68466) | 1 | \$6.14 | 38\% | \$3.81 |
| M4/6SNBT | ABB, INC (Entrelec) | SWITCH TERMINAL Gray orange handle | 011598701 (SPA\# 68466) | 1 | \$13.82 | 38\% | \$8.57 |
| M4/8SF | ABB, INC (Entrelec) | FUSE HOLDER 5X20MM | 011565725 | 1 | \$13.93 | 38\% | \$8.64 |
| M4/85FL | ABB, INC (Entrelec) | FUSE HOLDER 5X20 GMA | 011566121 | 1 | \$28.68 | 38\% | \$17.78 |
| M6/8 | ABB, INC (Entrelec) | M6/8 TERMINaL BLock | 011511811 (SPA\# 68466) | 1 | \$2.57 | 38\% | \$1.59 |
| M6/8P | ABB, INC (Entrelec) | M6/8.P GRounding terminal green yelow | 016511417 | 1 | \$13.58 | 38\% | \$8.42 |
| MA1-8001 | ABB, INC (Entrelec) | din rail adapter | MA1-8001 | 1 | \$41.10 | 38\% | \$25.48 |
| MA2.5/5 | ABB, INC (Entrelec) | 5MM(.200in) TERM.BLOCK GRAY | 011548603 | 1 | \$2.60 | 38\% | \$1.61 |
| MA2.5/5-PKG 50 | ABB, INC (Entrelec) | 5 SMM(.200in) TERM.BLOCK GRAY - PKG 50 | KELE KIT | 1 | \$123.50 | 38\% | \$76.57 |
| MA2.5/5.P | ABB, INC (Entrelec) | 5 mm din rail ground block-yellow/Green | 016548827 | 1 | \$11.40 | 38\% | \$7.07 |
| MCB-01 | ABB, INC (Entrelec) | N.C. Contact Block | MCB-01 | 1 | \$16.46 | 38\% | \$10.21 |
| MCB-10 | ABB, INC (Entrelec) | N.o. Contact Block | MCB-10 (SPA\# 68466) | 1 | \$12.05 | 38\% | \$7.47 |
| MCB-10B | ABB, INC (Entrelec) | CONTACT BLOCK 1 NO REAR MOUNTED | MCB-10B | 1 | \$16.46 | 38\% | \$10.21 |
| MCBH-11 | ABB, INC (Entrelec) | 1 NO, 1 NC CONTACT BLOCK WITH HOLDER | MCBH-11 | 1 | \$37.01 | 38\% | \$22.95 |
| ML10/13SFL | ABB, INC (Entrelec) | ML10/13SFL 10/230V | 019916800 | 1 | \$42.89 | 38\% | \$26.59 |
| MP1-30B01 | ABB, INC (Entrelec) | Black Flush Mom PB 1 N.C. Contact | MP1-60801 | 1 | \$33.10 | 38\% | \$20.52 |
| MP1-30810 | ABB, INC (Entrelec) | Black Flush Mom PB 1 N.O. Contact | MP1-60810 | 1 | \$33.10 | 38\% | \$20.52 |
| MP1-30811 | ABB, INC (Entrelec) | Black Flush Mom PB 1 N.O.1 N.c. Contact | MP1-60811 | 1 | \$49.52 | 38\% | \$30.70 |
| MP1-30601 | ABB, INC (Entrelec) | Green Flush Mom PB 1 N.C. Contact | MP1-60601 | 1 | \$33.10 | 38\% | \$20.52 |
| MP1-30G10 | ABB, INC (Entrelec) | Green Flush Mom PB 1 N.O. Contact | MP1-60G10 | 1 | \$33.10 | 38\% | \$20.52 |
| MP1-30611 | ABB, INC (Entrelec) | Green Flush Mom PB 1 N.O. 1 N.C. Contact | MP1-60G11 | 1 | \$49.52 | 38\% | \$30.70 |
| MP1-30L01 | ABB, INC (Entrelec) | Blue Fush Mom PB 1 N.C. Contact | MP1-6001 | 1 | \$33.10 | 38\% | \$20.52 |
| MP1-30L10 | ABB, INC (Entrelec) | Blue Flush Mom PB 1 N.O. Contact | MP1-60L10 | 1 | \$33.10 | 38\% | \$20.52 |
| MP1-30L11 | ABB, INC (Entrelec) | Blue Flush Mom PB 1 N.O.1 N.C. Contact | MP1-60L11 | 1 | \$49.52 | 38\% | \$30.70 |
| MP1-30R01 | ABB, INC (Entrelec) | Red Flush Mom PB 1 N.C. Contact | MP1-60R01 | 1 | \$33.10 | 38\% | \$20.52 |
| MP1-30R10 | ABB, INC (Entrelec) | Red Fush Mom PB 1 N.O. Contact | MP1-60R10 | 1 | \$33.10 | 38\% | \$20.52 |
| MP1-30R11 | ABB, INC (Entrelec) | Red Flush Mom PB 1 N.O. 1 N.C. Contact | MP1-60R11 | 1 | \$49.52 | 38\% | \$30.70 |
| MP1-30W10 | ABB, INC (Entrelec) | White Fush Mom PB 1 N.O. Contact | MP1-60W10 | 1 | \$33.10 | 38\% | \$20.52 |
| MP1-30W11 | ABB, INC (Entrelec) | White Flush Mom PB 1 N.O. 1 N.C. Contact | MP1-60W11 | 1 | \$49.52 | 38\% | \$30.70 |
| MP1-30Y01 | ABB, INC (Entrelec) | Yellow Fush Mom PB 1 N.C. Contact | MP1-60Y01 | 1 | \$28.97 | 38\% | \$17.96 |
| MP1-30Y10 | ABB, INC (Entrelec) | Yellow Flush Mom PB 1 N.o. Contact | MP1-60Y10 | 1 | \$33.10 | 38\% | \$20.52 |
| MP1-30Y11 | ABB, INC (Entrelec) | Yellow Flush Mom PB 1 N.O. 1 N.C. Contact | MP1-60Y11 | 1 | \$49.52 | 38\% | \$30.70 |
| MP1-MLFPT1G | ABB, INC (Entrelec) | Green 120V Incand Press-to-test Piot Light | MP1-MLPPT1G | 1 | \$137.59 | 38\% | \$85.31 |
| MP1-MLFPT1L | ABB, INC (Entrelec) | Blue 120V Incand Press-to-test Pilot Light | MP1-MLPPTIL | 1 | \$97.84 | 38\% | \$60.66 |
| MP1-MLFPT1R | ABB, INC (Entrelec) | Red 120 V Incand Press-to-test Piot Light | MP1-MLPPT1R | 1 | \$97.84 | 38\% | \$60.66 |
| MP1-MLFPT1W | ABB, INC (Entrelec) | White 120 V Incand Press-to-test Pilot Light | MP1-MLPPT1W | 1 | \$97.84 | 38\% | \$60.66 |
| MP1-MLFPT1Y | ABB, INC (Entrelec) | Yellow 120 V Incand Press-to-test Pilot Light | MP1-MLPPTIY | 1 | \$97.84 | 38\% | \$60.66 |
| MP1-MLFPT8G | ABB, INC (Entrelec) | Green 24V Incand Press-to-test Pilot Light | MP1-MLPPT8G | 1 | \$97.84 | 38\% | \$60.66 |
| MP1-MLFPT8L | ABB, INC (Entrelec) | Blue 24V Incand Press-to-test Pilot Light | MP1-MLPPT8L | 1 | \$97.84 | 38\% | \$60.66 |
| MP1-MLFPT8R | ABB, INC (Entrelec) | Red 24V Incand Press-to-test Pilot Light | MP1-MLFPT8R | 1 | \$97.84 | 38\% | \$60.66 |
| MP1-MLFPT8W | ABB, INC (Entrelec) | White 24V Incand Press-to-test Pilot Light | MP1-MLFPT8W | 1 | \$97.84 | 38\% | \$60.66 |
| MP1-MLFPT8Y | ABB, INC (Entrelec) | Yellow 24 V Incand Press-to-test Pilot Light | MP1-MLPPT8Y | 1 | \$97.84 | 38\% | \$60.66 |
| MP1-MLPPTLIG | ABB, INC (Entrelec) | Green 120 L LED Press-to-test Pilot Light | MP1-MLPPTLIG | 1 | \$116.32 | 38\% | \$72.12 |
| MP1-MLPPTLIL | ABB, INC (Entrelec) | Blue 120 L LED Press-to-test Pilot Light | MP1-MLPPTLIL | 1 | \$116.32 | 38\% | \$72.12 |
| MP1-MLPPTLIR | ABB, INC (Entrelec) | Red 120V LED Press-to-test Pilot Light | MP1-MLPPTLIR | 1 | \$116.32 | 38\% | \$72.12 |
| MP1-MLPPTLIW | ABB, INC (Entrelec) | White 120V LED Press-to-test Pilot Light | MP1-MLPPTLIW | 1 | \$116.32 | 38\% | \$72.12 |
| MP1-MLFPTLIY | ABB, INC (Entrelec) | Yellow 120V LED Press-to-test Piot Light | MP1-MLEPTLIY | 1 | \$116.32 | 38\% | \$72.12 |
| MP1-MLFPTL8G | ABB, INC (Entrelec) | Green 24V LED Press-to-test Pilot Light | MP1-MLPPTLEG | 1 | \$116.32 | 38\% | \$72.12 |
| MP1-MLEPTL8L | ABB, INC (Entrelec) | Blue 24V LED Press-to-test Pilot Light | MP1-MLPPTL8L | 1 | \$116.32 | 38\% | \$72.12 |
| MP1-MLFPTLER | ABB, INC (Entrelec) | Red 24 V LED Press-to-test Piot Light | MP1-MLPPTLER | 1 | \$116.32 | 38\% | \$72.12 |
| MP1-MLFPTL8W | ABB, INC (Entrelec) | White 24 V LED Press-to-test Pilot Light | MP1-MLPPTL8W | 1 | \$116.32 | 38\% | \$72.12 |
| MP1-MLPPTL8Y | ABB, INC (Entrelec) | Yellow 24 V LED Press-to-test Pilot Light | MP1-MLPPTLBY | 1 | \$116.32 | 38\% | \$72.12 |
| MP2-30810 | ABB, INC (Entrelec) | Black Fush Maint PB 1 N.O. Contact | MP2-60810 | 1 | \$56.09 | 38\% | \$34.78 |
| MP2-30811 | ABB, INC (Entrelec) | Black Flush Maint PB 1 N.O. 1 N.C. Contact | MP2-60811 | 1 | \$72.55 | 38\% | \$44.98 |
| MP2-30610 | ABB, INC (Entrelec) | Green Flush Maint PB 1 N.o. Contact | MP2-60G10 | 1 | \$56.09 | 38\% | \$34.78 |
| MP2-30G11 | ABB, INC (Entrelec) | Green Flush Maint PB 1 N.O. 1 N.C. Contact | MP2-60G11 | 1 | \$72.55 | 38\% | \$44.98 |
| MP2-30R10 | ABB, INC (Entrelec) | Red Flush Maint PB 1 N.O. Contact | MP2-60R10 | 1 | \$56.09 | 38\% | \$34.78 |
| MP2-30R11 | ABB, INC (Entrelec) | Red Flush Maint PB 1 N. .0.1 N.C. Contact | MP2-60R11 | 1 | \$72.55 | 38\% | \$44.98 |
| MP2-30W10 | ABB, INC (Entrelec) | White Flush Maint PB 1 N.O. Contact | MP2-60W10 | 1 | \$56.09 | 38\% | \$34.78 |
| MP2-30W11 | ABB, INC (Entrelec) | White Flush Maint PB 1 N.O. 1 N.C. Contact | MP2-60W11 | 1 | \$72.55 | 38\% | \$44.98 |
| MP2-30Y10 | ABB, INC (Entrelec) | Yellow Flush Maint PB 1 N.O. Contact | MP2-60Y10 | 1 | \$56.09 | 38\% | \$34.78 |
| MP3-30810 | ABB, INC (Entrelec) | Black Extended Mom PB 1 N.O. Contact | MP3-60810 | 1 | \$33.10 | 38\% | \$20.52 |
| MP3-30811 | ABB, INC (Entrelec) | Black Extended Mom PB 1 N.O.1 N.C. Contact | MP3-60811 | 1 | \$49.52 | 38\% | \$30.70 |
| MP3-30G01 | ABB, INC (Entrelec) | Green Extended Mom PB 1 N.C. Contact | MP3-60601 | 1 | \$33.10 | 38\% | \$20.52 |
| MP3-30610 | ABB, INC (Entrelec) | Green Extended Mom PB 1 N.O. Contact | MP3-60G10 | 1 | \$33.10 | 38\% | \$20.52 |
| MP3-30611 | ABB, INC (Entrelec) | Green Extended Mom PB 1 N.O. 1 N.C. Contact | MP3-60G11 | 1 | \$49.52 | 38\% | \$30.70 |
| MP3-30L01 | ABB, INC (Entrelec) | Blue Extended Mom PB 1 N.C. Contact | MP3-60L01 | 1 | \$33.10 | 38\% | \$20.52 |
| MP3-30L10 | ABB, INC (Entrelec) | Blue Extended Mom PB 1 N.O. Contact | MP3-60L10 | 1 | \$33.10 | 38\% | \$20.52 |
| MP3-30R01 | ABB, INC (Entrelec) | Red Extended Mom PB 1 N.C. Contact | MP3-60R01 | 1 | \$33.10 | 38\% | \$20.52 |
| MP3-30R10 | ABB, INC (Entrelec) | Red Extended Mom PB 1 N.O. Contact | MP3-60R10 | 1 | \$33.10 | 38\% | \$20.52 |
| MP3-30R11 | ABB, INC (Entrelec) | Red Extended Mom PB 1 N.O. 1 N.C. Contact | MP3-60R11 | 1 | \$49.52 | 38\% | \$30.70 |
| MP3-30Y10 | ABB, INC (Entrelec) | Yellow Extended Mom PB 1 N.O. Contact | MP3-60Y10 | 1 | \$33.10 | 38\% | \$20.52 |
| MP3-30Y11 | ABB, INC (Entrelec) | Yellow Extended Mom PB 1 N.O. 1 N.C. Contact | MP3-60Y11 | 1 | \$49.52 | 38\% | \$30.70 |
| MP4-30810 | ABB, INC (Entrelec) | Black Extended Maint PB 1 N.O. Contact | MP4-60810 | 1 | \$56.09 | 38\% | \$34.78 |
| MP4-30811 | ABB, INC (Entrelec) | Black Extended Maint PB 1 N.O.1 N.C. Contact | MP4-60811 | 1 | \$72.55 | 38\% | \$44.98 |
| MP4-30G10 | ABB, INC (Entrelec) | Green Extended Maint PB 1 N.O. Contact | MP4-60G10 | 1 | \$56.09 | 38\% | \$34.78 |
| MP4-30G11 | ABB, INC (Entrelec) | Green Extended Maint PB 1 N.O. 1 N.C. Contact | MP4-60G11 | 1 | \$72.55 | 38\% | \$44.98 |
| MP4-30R01 | ABB, INC (Entrelec) | Red Extended Maint PB 1 N.C. Contact | MP4-60R01 | 1 | \$56.09 | 38\% | \$34.78 |
| MP4-30R10 | ABB, INC (Entrelec) | Red Extended Maint PB 1 N.O. Contact | MP4-60R10 | 1 | \$56.09 | 38\% | \$34.78 |
| MP4-30R11 | ABB, INC (Entrelec) | Red Extended Maint PB 1 N.O. 1 N.C. Contact | MP4-60R11 | 1 | \$72.55 | 38\% | \$44.98 |
| MPEK4-11R | ABB, INC (Entrelec) | 40 mm MSHRM, KEY RELEASE ( KEY CODE 71 ) $1 \mathrm{NO}+1 \mathrm{NC}$ | MPEK4-11R (SPA\# 68466) | 1 | \$67.82 | 38\% | \$42.05 |
| MPEP4-10R | ABB, INC (Entrelec) | $40 \mathrm{~mm} \mathrm{MSHRM}$, | MPEP4-10R | 1 | \$69.37 | 38\% | \$43.01 |
| MPET4-20R11 | ABB, INC (Entrelec) | 40 mm MSHRM, TWIST RELEASE w/HOLDER RED 1 NO+1 NC | MPET4-20R11 (SPA\# 68466) | 1 | \$66.11 | 38\% | \$40.99 |
| MPM1-60R01 | ABB, INC (Entrelec) | Red Mushroom Mom 1 N.C. Contact | MPM1-60R01 | 1 | \$53.43 | 38\% | \$33.13 |
| MPM1-60R10 | ABB, INC (Entrelec) | Red Mushroom Mom 1 N.O. Contact | MPM1-60R10 | 1 | \$53.43 | 38\% | \$33.13 |
| MPM1-60R11 | ABB, INC (Entrelec) | Red Mushroom Mom 1 N.O. 1 N.C. Contact | MPM1-60R11 | 1 | \$69.89 | 38\% | \$43.33 |
| MPMP3-20R01 | ABB, INC (Entrelec) | Red Mushroom Maint 1 N.C. Contact | MPMP3-20R01 | 1 | \$90.44 | 38\% | \$56.07 |
| MPMP3-20R02 | ABB, INC (Entrelec) | ESTOP, 40mm PP, RED, 2 NC | MPMP3-20R02 | 1 | \$106.85 | 38\% | \$66.25 |
| MPMP3-20R03 | ABB, INC (Entrelec) | ESTOP 40 mm , PUL-REL, RED, 3NC | MPMP3-20RO3 | 1 | \$123.31 | 38\% | \$76.45 |
| MPMP3-20R10 | ABB, INC (Entrelec) | ESTOP, 40mm PP, RED, 1 NO | MPMP3-20R10 | 1 | \$90.44 | 38\% | \$56.07 |
| MPMP3-20R11 | ABB, INC (Entrelec) | ESTOP, $40 \mathrm{~mm} \mathrm{PP}, \mathrm{RED}$,1 NO-1NC | MPMP3-20R11 | 1 | \$85.74 | 38\% | \$53.16 |
| MT-310B | ABB, INC (Entrelec) | $0-10 \mathrm{~K}$ OHM POTENTIOMETER | MT-3108 (SPA \#68466) | 1 | \$19.03 | 38\% | \$73.80 |
| QD100x225sw | ABB, INC (Entrelec) | 1 IN $\times 2.25$ In 6.5 FT WHiTE DUCT, IncL COVER | QD100x225sw | 1 | \$56.66 | 38\% | \$35.13 |
| RA-RETRO13 | ABB, INC (Entrelec) | RITE AID Retroit Panel | KELE Kit | 1 | \$2,086.65 | 38\% | \$1,293.72 |
| RC510-CUSTOM-V | ABB, INC (Entrelec) | RC510_5mm TERMINAL MARKERS_VERTICAL / CUSTOM | KELE BOM | 1 | \$13.35 | 38\% | \$8.28 |
| RC510/+24VAC | ABB, INC (Entrelec) | MARKER CARD ( $+24 \mathrm{VAC} \times 100$ ) SIDE MOUNT VERTICAL | kELE Bom | 1 | \$13.35 | 38\% | \$8.28 |
| RC510/+24VDC | ABB, INC (Entrelec) | MARKER CARD (+24VDC $\times 100$ ) SIDE MOUNT VERTICAL | KELE BOM | 1 | \$13.35 | 38\% | \$8.28 |
| RC510/-24VAC | ABB, INC (Entrelec) | MARKER CARD (-24VAC $\times 100$ ) SIDE MOUNT VERTICAL | KELE BOM | 1 | \$13.35 | 38\% | \$8.28 |
| RC510/-24VDC | ABB, INC (Entrelec) | marker Card (-24vDC $\times 100$ ) SIDE MOUNT VERTICAL | kELE Bom | 1 | \$13.35 | 38\% | \$8.28 |
| RC510/1-10 | ABB, INC (Entrelec) | RC510_5mm TERMINAL MARKERS_VERTICAL / 1-10 | 023104123 | 1 | \$11.22 | 38\% | \$6.96 |
| RC510/1-100 | ABB, INC (Entrelec) | RCS10_5mm TERMINAL MARKERS_VERTICAL / 1-100 | 023106002 | 1 | \$11.22 | 38\% | \$6.96 |
| RC510/101-200 | ABB, INC (Entrelec) | RC510_5mm TERMINAL MARKERS_VERTICAL / 101-200 | 023106127 | 1 | \$11.22 | 38\% | \$6.96 |
| RC510/11-20 | ABB, INC (Entrelec) | RC510_5mm TERMINAL MARKERS_VERTICAL / 11-20 | 023104224 | 1 | \$11.22 | 38\% | \$6.96 |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
. Itegrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mout HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integrat products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, Fir platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjuncion wit the contractor providing the aforemen.

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs . wers, water fountains, water heaters hot water tanks, garbage disposa
2. General Ductwork, Piping, etc. shall not be obtained on these contracts. Chillers Romp remote I/O modules, etc. which are not
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
A. Audio-Video equirment or systems (eg. smart boards, projectors, studio broadcasting conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely us
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Mosel Number | Wantracurer | Product Desaripition | Product Code | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| RC510/21-30 | ABB, INC (Entrelec) | RCS10_5mm TERMINAL MARKERS_VERTICAL/ 21-30 | 023104325 | 1 | \$11.22 | 38\% | \$6.96 |
| RC510/31-40 | ABB, INC (Entrelec) | RC510_5mm TERMINAL MARKERS_VERTICAL / 31-40 | 023104426 | 1 | \$11.22 | 38\% | \$6.96 |
| RC510/41-50 | ABB, INC (Entrelec) | RC510_5mm TERMINAL MARKERS_VERTICAL / 41-50 | 023104527 | 1 | \$11.22 | 38\% | \$6.96 |
| RC510/51-60 | ABB, INC (Entrelec) | RC510_5mm TERMINAL MARKERS_VERTICAL / 51-60 | 023104620 | 1 | \$11.22 | 38\% | \$6.96 |
| RC510/61-70 | ABB, INC (Entrelec) | RC510_5mm TERMINAL MARKERS_VERTICAL / 61-70 | 023104721 | 1 | \$11.22 | 38\% | \$6.96 |
| RC510/71-80 | ABB, INC (Entrelec) | RC510_5mm TERMINAL MARKERS_VERTICAL / 71-80 | 023104802 | 1 | \$11.22 | 38\% | \$6.96 |
| RC510/81-90 | ABB, INC (Entrelec) | RC510_5mm TERMINAL MARKERS_VERTICAL / 81-90 | 023104903 | 1 | \$11.22 | 38\% | \$6.96 |
| RC510/91-100 | ABB, INC (Entrelec) | RC510_5mm Terminal markers_vertical / 91-100 | 023105000 | 1 | \$11.22 | 38\% | \$6.96 |
| RC510/B | ABB, INC (Entrelec) | RC510 5 mm TERMINAL MARKERS Horizontal blank | 023100007 | 1 | \$10.66 | 38\% | \$6.61 |
| RC510/G | ABB, INC (Entrelec) | RCS10_5mm TERMINAL MARKERS_HORIZONTAL / G | 23115623 | 1 | \$11.22 | 38\% | \$6.96 |
| RC510/L | ABB, INC (Entrelec) | RC510_5mm TERMINAL MARKERS_HORIZONTAL/L | 02316120 | 1 | \$11.22 | 38\% | \$6.96 |
| RC510/L1 | ABB, INC (Entrelec) | RC510_5mm TERMINAL MARKERS_HORIZONTAL / L1 | 023111613 | 1 | \$11.22 | 38\% | \$6.96 |
| RC510/L2 | ABB, INC (Entrelec) | RC510_5mm TERMINAL MARKERS_HORIZONTAL / L2 | 02311714 | 1 | \$12.14 | 38\% | \$7.53 |
| RC510/L3 | ABB, INC (Entrelec) | RC510_5mm TERMINAL MARKERS_HORIZONTAL / L3 | 023111825 | 1 | \$12.14 | 38\% | \$7.53 |
| RC510/N | ABB, INC (Entrele) | RC510_5mm TERMINAL MARKERS_HORIZONTAL/ N | 02316322 | 1 | \$11.22 | 38\% | \$6.96 |
| RC55/1-100 | ABB, INC (Entrelec) | MARKER FOR TRIPLE TERM. BLOCK | 023003007 (SPA\# 68466) | 1 | \$11.22 | 38\% | \$6.96 |
| RC55/01-200 | ABB, INC (Entrelec) | MARKER FOR TRIPLE TERM. BLOCK | 023003124 (SPA\# 68466) | 1 | \$11.22 | 38\% | \$6.96 |
| RC55/201-300 | ABB, INC (Entrelec) | MARKER FOR TRIPLE TERM. BLOCK | 02300322 (SPA\# 68466) | 1 | \$11.22 | 38\% | \$6.96 |
| RC610-Custom-H | ABB, INC (Entrelec) | CUSTOM - HORIZONTAL | KELE BOM | 1 | \$12.34 | 38\% | \$7.65 |
| RC610/+24 | ABB, INC (Entrelec) | MARKER CARD ( $+24 \times 100$ SIIDE MNT | KELE BOM | 1 | \$12.34 | 38\% | \$7.65 |
| RC610/1-10 | ABB, INC (Entrelec) | Marker Card ( $1-10 \times 10$ ) SIDE MNT | 023300227 (SPA\# 68466) | 1 | \$11.22 | 38\% | \$6.96 |
| RC610/1-100 | ABB, INC (Entrelec) | MaRKER CARD (1-100) SIDE MOUNT | 023303026 (SPA\# 68466) | 1 | \$11.22 | 38\% | \$6.96 |
| RC610/1-10 | ABB, INC (Entrelec) | MARKER CARD (1-10L $\times 2$ ) VERTICAL | KELE BOM | 1 | \$12.34 | 38\% | \$7.65 |
| RC610/1-10U | ABB, INC (Entrele) | marker Card (1u-10U X 2) VERTICAL | KELE BOM | 1 | \$12.34 | 38\% | \$7.65 |
| RC610/1-50 | ABB, INC (Entrelec) | MARKER CARD ( $1-50 \mathrm{X} 2$ ) SIDE MNT | 023314126 (SPA\# 68466) | 1 | \$11.22 | 38\% | \$6.96 |
| RC610/101-200 | ABB, INC (Entrelec) | MARKER CARD (101-200) SIDE MNT | 023303113 (SPA\# 68466) | 1 | \$11.22 | 38\% | \$6.96 |
| RC610/11-20 | ABB, INC (Entrelec) | MARKER CARD (11-20x10)SIDE MNT | 023300320 (SPA\# 68466) | 1 | \$11.22 | 38\% | \$6.96 |
| RC610/201-300 | ABB, INC (Entrelec) | MARKER CARD (201-300) SIDE MNT | 023303214 (SPA\# 68466) | 1 | \$11.22 | 38\% | \$6.96 |
| RC610/21-30 | ABB, INC (Entrelec) | RC610_6mm TERMINAL MARKERS_VERTICAL / 21-30 | 023304327 | 1 | \$11.22 | 38\% | \$6.96 |
| RC610/24VAC | ABB, INC (Entrelec) | MARKER CARD (24VAC x 100) SIDE MNT VERTICAL | KELE BOM | 1 | \$12.34 | 38\% | \$7.65 |
| RC610/24VDC | ABB, INC (Entrelec) | MARKER CARD (24VDC $\times$ 100) SIDE MNT VERTICAL | KELE BOM | 1 | \$12.34 | 38\% | \$7.65 |
| RC610/301-400 | ABB, INC (Entrelec) | MARKER CARD (301-400) SIDE MNT | 023303315 (SPA\# 68466) | 1 | \$11.22 | 38\% | \$6.96 |
| RC610/31-40 | ABB, INC (Entrelec) | RC610_6mm TERMINAL MARKERS_VERTICAL / 31-40 | 023304420 | 1 | \$11.22 | 38\% | \$6.96 |
| RC610/401-500 | ABB, INC (Entrelec) | MARKER CARD (401-500) SIDE MNT | 023303416 (SPA\# 68466) | 1 | \$11.22 | 38\% | \$6.96 |
| RC610/41-50 | ABB, INC (Entrelec) | RC610_6mm TERMINAL MARKERS_VERTICAL / 41-50 | 023304521 | 1 | \$11.22 | 38\% | \$6.96 |
| RC610/501-600 | ABB, INC (Entrele) | MARKER CARD (501-600) SIDE MNT | 023303517 (SPA\# 68466) | 1 | \$11.22 | 38\% | \$6.96 |
| RC610/51-60 | ABB, INC (Entrelec) | RC610_6mm TERMINAL MARKERS_VERTICAL/ 51-60 | 023304622 | 1 | \$11.22 | 38\% | \$6.96 |
| RC610/601-700 | ABB, INC (Entrelec) | MARKER CARD (601-700) SIDE MNT | 023303610 (SPA\# 68466) | 1 | \$11.22 | 38\% | \$6.96 |
| RC610/61-70 | ABB, INC (Entrelec) | RC610_6mm TERMINAL MARKERS_VERTICAL / 61-70 | 023304723 | 1 | \$11.22 | 38\% | \$6.96 |
| RC610/701-800 | ABB, INC (Entrelec) | MARKER CARD (701-800) SIDE MNT | 023307426 (SPA\# 68466) | 1 | \$13.78 | 38\% | \$8.54 |
| RC610/71-80 | ABB, INC (Entrelec) | RC610_6mm TERMINAL MARKERS_VERTICAL / 71-80 | 023304804 | 1 | \$11.22 | 38\% | \$6.96 |
| RC610/81-90 | ABB, INC (Entrelec) | RC610_6mm TERMINAL MARKERS_VERTICAL / 81-90 | 023304905 | 1 | \$11.22 | 38\% | \$6.96 |
| RC610/91-100 | ABB, INC (Entrelec) | RC610_6mm Terminal markers_vertical / 91-100 | 023305002 | 1 | \$11.22 | 38\% | \$6.96 |
| RC610/B | ABB, INC (Entrelec) | Blank Marker Card (100) Side mt | 023300001 (SPA\# 68466) | 1 | \$8.00 | 38\% | \$4.96 |
| RC610/COM | ABB, INC (Entrelec) | MARKER CARD (COM X 100) SIDE MNT | KELE BoM | 1 | \$12.34 | 38\% | \$7.65 |
| RC610/FC+ | ABB, INC (Entrelec) | MARKER CARD (FC+ $\times$ 100) SIIDE MNT | KELE BOM | 1 | \$12.34 | 38\% | \$7.65 |
| RC610/FC- | ABB, INC (Entrelec) | MARKER CARD (FC- $\times$ 100) SIID MNT | KELE BOM | 1 | \$12.34 | 38\% | \$7.65 |
| RC610/G | ABB, INC (Entrelec) | MARKER CARD ( GX 100) SIDE MNT | 023315625 (SPA\# 68466) | 1 | \$11.22 | 38\% | \$6.96 |
| RC610/H | ABB, INC (Entrelec) | RC610_6mm TERMINAL MARKERS_HORIZONTAL/ H | 023315726 | 1 | \$11.22 | 38\% | \$6.96 |
| RC610/L | ABB, INC (Entrelec) | MARKER CARD (LX 100)SIDE MNT | 023311122 (SPA\# 68466) | 1 | \$11.22 | 38\% | \$6.96 |
| RC610/L1 | ABB, INC (Entrele) | RC610_6mm TERMINAL MARKERS_HORIZONTAL / L1 | 023311615 | 1 | \$11.22 | 38\% | \$6.96 |
| RC610/L2 | ABB, INC (Entrelec) | RC610_6mm TERMINAL MARKERS_HORIZONTAL / L2 | 023311716 | 1 | \$11.22 | 38\% | \$6.96 |
| RC610/L3 | ABB, INC (Entrelec) | RC610_6mm TERMINAL MARKERS_HORIZONTAL / L3 | 023311827 | 1 | \$11.22 | 38\% | \$6.96 |
| RC610/N | ABB, INC (Entrelec) | MARKER CARD ( X 100)SIDE MNT | 023316324 (SPA\# 68466) | 1 | \$11.22 | 38\% | \$6.96 |
| RC610/SHD | ABB, INC (Entrelec) | MARKER CARD (SHD X 100) SIDE MNT | KELE BOM | 1 | \$12.34 | 38\% | \$7.65 |
| RC610/VDC | ABB, INC (Entrelec) | MARKER CARD (VDC $\times$ 100) SIIE MNT | KELE BOM | 1 | \$12.34 | 38\% | \$7.65 |
| RC65-BLANK | ABB, INC (Entrelec) | RC65 MARKER BLANK | 02320000 (SPA\# 68466) | 1 | \$8.00 | 38\% | \$4.96 |
| RC65-Custom | ABB, INC (Entrelec) | CUSTOM RC65 MARKER CARD | KELE Bom | 1 | \$8.80 | 38\% | \$5.46 |
| RCT610/1-100 | ABB, INC (Entrelec) | TOP MOUNT MARKER CARD (1-100) - vertical | 023306004 | 1 | \$8.05 | 38\% | \$4.99 |
| RCT610/B | ABB, INC (Entrelec) | VERTICAL TOP MOUNT MARKER CARD | 023600004 | 1 | \$13.33 | 38\% | \$8.26 |
| RTM7 | ABB, INC (Entrelec) | TOP MARKING STRIP 19.7in | 016841007 | 1 | \$4.69 | 38\% | \$2.91 |
| sCF6 | ABB, INC (Entrelec) | CIRCUIT SEPARATOR | 011870703 (SPA\# 68466) | 1 | \$1.46 | 38\% | \$0.91 |
| scF6-BG | ABB, INC (Entrelec) | CIRCUIT SEPARATOR BEIGE | 019870704 | 1 | \$1.58 | 38\% | \$0.98 |
| SCF6D | ABB, INC (Entrelec) | double stack circuit separator gray | 011849517 | 1 | \$2.89 | 38\% | \$1.79 |
| SK615540-1 | ABB, INC (Entrelec) | Blank Legend Plate | SK 615 540-1 (SPA\# 68466) | 1 | \$6.56 | 38\% | \$4.07 |
| SK615541-1 | ABB, INC (Entrelec) | Large Blank Legend Plate | SK 615 541-1 (SPA\# 68466) | 1 | \$6.16 | 38\% | \$3.82 |
| SK615550-80 | ABB, INC (Entrelec) | AbB hand off Auto legend plate | SK 615 550-80 | 1 | \$6.16 | 38\% | \$3.82 |
| SK615552-53 | ABB, INC (Entrelec) | AbB OfF ON LEGEND PLATE | SK 615 52--53 (SPA\# 68466) | 1 | \$6.56 | 38\% | \$4.07 |
| SK615562-87 | ABB, INC (Entrelec) | Sweep Symbol Legend Plate | SK 615 562-87 | 1 | \$20.55 | 38\% | \$12.74 |
| SK615562-88 | ABB, INC (Entrelec) | 0 to 10 Scale Legend Plate | SK 615 562-88 | 1 | \$20.55 | 38\% | \$12.74 |
| SK616021-71 | ABB, INC (Entrelec) | SPARE KEY FOR KEY SWITCH | SK 616 021-71 | 1 | \$20.55 | 38\% | \$12.74 |
| тв-кт-24тз | ABB, INC (Entrelec) | 6MM 24VAC XFR 3-TB Kit | KELE Bom | 1 | \$55.51 | 38\% | \$34.42 |
| тв-кт-24T6 | ABB, INC (Entrelec) | 6 MM 24 VAC (2)XFR 3 -TB KIT | KELE BOM | 1 | \$73.44 | 38\% | \$45.53 |
| тв-кт--С8110 | ABB, INC (Entrelec) | 6MM Power entry with 10A CKT BRKR Kit | KELE BOM | 1 | \$69.45 | 38\% | \$43.06 |
| тв-ккт-dс3 | ABB, INC (Entrelec) | 6MM 24VDC POWER 3-TB KIT | KELE BOM | 1 | \$57.26 | 38\% | \$35.50 |
| тв-ккт-мтR | ABB, INC (Entrelec) | M4/6D2 DOUBLE TERMINAL BLOCK KIT | KELE BOM | 1 | \$124.14 | 38\% | \$76.97 |
| тв-кı--PTX | ABB, INC (Entrelec) | $6 \mathrm{MM} \mathrm{POWER} \mathrm{ENTRY} \mathrm{+} \mathrm{XFR} \mathrm{3-TB} \mathrm{KIT}$ | KELE BOM | 1 | \$78.83 | 38\% | \$48.87 |
| тB-KIT-PTX110 | ABB, INC (Entrelec) | 6 MM POWER ENTRY + XFR 3-TB + 1-10 KIT | kELE Bom | 1 | \$110.39 | 38\% | \$68.44 |
| тв-кт-Pтх2 | ABB, INC (Entrelec) | 6MM POWER ENTRY $+(2)$ XFR 3 -TB KIT | KELE BOM | 1 | \$97.51 | 38\% | \$60.46 |
| тв-кाт-PтX220 | ABB, INC (Entrelec) | 6 GM POWER ENTRY + (2)XFR 3-TB + 1-20 KIT | KELE BOM | 1 | \$156.24 | 38\% | \$96.87 |
| tB-kit-pwr | ABB, INC (Entrelec) | 6 MM POWER ENTRY WITH SWITCH TB KIT | KELE BOM | 1 | \$38.04 | 38\% | \$23.58 |
| тв-кт-т310 | ABB, INC (Entrelec) | 6MM XFR 3-TB + 1-10 KIT | KELE BOM | 1 | \$86.31 | 38\% | \$53.51 |
| тв-ктт-тб20 | ABB, INC (Entrelec) | $6 \mathrm{MM} \mathrm{(2)XFR} \mathrm{3-TB} \mathrm{+} \mathrm{1-20} \mathrm{KTT}$ | KELE BOM | 1 | \$132.16 | 38\% | \$81.94 |
| тв-кт-тв10 | ABB, INC (Entrelec) | $6 \mathrm{MM} \mathrm{1-10} \mathrm{тв} \mathrm{КІт}$ | KELE BOM | 1 | \$42.41 | 38\% | \$26.29 |
| тв-ктт-тв20 | ABB, INC (Entrelec) | $6 \mathrm{Mm} \mathrm{1-20} \mathrm{тB} \mathrm{KTT}$ | KELE BOM | 1 | \$68.71 | 38\% | \$42.60 |
| тв-кı--тх4 | ABB, INC (Entrelec) | 6MM 24VAC (4)XFR 3 -TB KIT | kELE Bom | 1 | \$134.50 | 38\% | \$83.39 |
| тв-кIT-Mstp | ABB, INC (Entrelec) | TERMINAL BLOCK ASSEMBLY MSTP | KELE Bom | 1 | \$56.09 | 38\% | \$34.78 |
| A26-30-10-81 | ABB, INC (Entrelec) | A26, 3P CONTR, 24/50/60 | A26-30-10-81 (SPA 62367) | 1 | \$272.35 | 38\% | \$168.86 |
| A26-30-10-84 | ABB, INC (Entrelec) | A26 3P CONTR 110/50 110-120/60 | A26-30-10-84 | 1 | \$272.35 | 38\% | \$168.86 |
| CA5-10 | ABB, INC (Entrelec) | A ZUX BLK, 1 NO | CA5-10 (SPA 62367) | 1 | \$16.00 | 38\% | \$9.92 |
| MCBH-00 | ABB, INC (Entrelec) | 3 CONTACT BLOCK HOLDER | MCBH-00 (SPA 62367) | 1 | \$4.09 | 38\% | \$2.54 |
| MCBH-01 | ABB, INC (Entrelec) | 1 NC CONTACT BLOCK WITH HOLDER | MCBH-01 (SPA 62367) | 1 | \$20.55 | 38\% | \$12.74 |
| МСВН-03 | ABB, INC (Entrelec) | 3 NC CONTACT BLOCK WITH HoLDER | MCBH-03 (SPA 62367) | 1 | \$53.43 | 38\% | \$33.13 |
| OT3282A1-180 | ABB, INC (Entrelec) | OT32, HDL, SHAFT KIT | от3282A1-180 (SPA 62367) | 1 | \$188.00 | 38\% | \$116.56 |
| TA25DU25 | ABB, INC (Entrelec) | OVERLOAD RELAY 18-25A | TA25DU25 (SPA 62367) | 1 | \$110.57 | 38\% | \$68.55 |
| VE5-1 | ABB, INC (Entrelec) | A9-A40, MECH/ELECT INTLK, AC | VE5-1 (SPA 62367) | 1 | \$48.00 | 38\% | \$29.76 |
| ves-2 | ABB, INC (Entrelec) | A45-A110, MECH/ELECT INTLK | VE5-2 (SPA 62367) | 1 | \$48.00 | 38\% | \$29.76 |
| 2A16-81 | ABB, INC (Entrelec) | Coill, 24 V | ZA16-81 SPA 62367 | 1 | \$67.07 | 38\% | \$41.58 |
| 2A16-84 | ABB, INC (Entrelec) | CoIL, 120V, A9-A16 | ZA16-84 SPA 62367 | 1 | \$67.07 | 38\% | \$41.58 |
| TCC-111 | ACCRAbond Inc. | 111ML,4 OZ,CONDUCTVVE COMPOUND | TCC-111 | 1 | \$22.00 | 38\% | \$13.64 |
| TCC-12 | ACCRAbond Inc. | CONDUCTVE COMPOUND | TCC-12 | 1 | \$12.73 | 38\% | \$7.89 |
| A/RH2-D | ACI | 2\%DUCT | ACI/RH2-D | 1 | \$328.17 | 38\% | \$203.47 |
| A/RH2-100KS-D | ACI | 2\%DUCT / 100k THERMISTOR | ACI/100KS-RH2-D | 1 | \$335.44 | 38\% | \$207.97 |
| A/RH2-20K-D | ACI | 2\%DUCT / 20K THERMISTOR | ACI/20K-RH2-D | 1 | \$335.44 | 38\% | \$207.97 |
| A/RH2-AN-D | ACI | $2 \%$ DUCT / 10K THERMISTOR | ACI/10K-AN-RH2-D | 1 | \$324.57 | 38\% | \$201.23 |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or faciity. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Inctedl] Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain prococols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned instal ion, systems integration, or maintenance of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, owers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not imited to
A. General Purpose Iudio-Video e or systems (e.g. smart boards projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used.
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' 'ocation in the event of a fire or emergency.

|  |  |  |  | $\begin{gathered} \text { "Warranty Period }- \text { \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54 \text { " } \end{gathered}$ | List Price | \% Disount | Nrs Net Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A/RH2-CP-D | ACI | 2\%DUCT / 10K THERMISTOR | ACI/10K-CP-RH2-D | 1 | \$324.57 | 38\% | \$201.23 |
| A/RH2-O | ACI | 2\%OSA | ACI/RH2-O | 1 | \$310.98 | 38\% | \$192.81 |
| A/RH2-R | AcI | 2\%SPACE / OFFICE | ACI/RH2-R | 1 | \$308.00 | 38\% | \$190.96 |
| A/RH2-SP | AcI | $2 \%$ SPACE / OFFICE | ACI/RH2-SP | 1 | \$373.12 | 38\% | \$231.33 |
| A/RH3-D | AcI | 3\%DUCT | ACI/RH3-D | 1 | \$247.40 | 38\% | \$153.39 |
| A/RH3-100KS-D | ACI | 3\%DUCT / 100k THERMISTOR | ACI/100KS-RH3-D | 1 | \$219.77 | 38\% | \$136.26 |
| A/RH3-20K-D | ACI | 3\%DUCT / 20K THERMISTOR | ACI/20k-RH3-D | 1 | \$219.77 | 38\% | \$136.26 |
| A/RH3-AN-D | ACI | 3\%DUCT / 10K THERMISTOR | ACI/10K-AN-RH3-D | 1 | \$215.70 | 38\% | \$133.73 |
| A/RH3-CP-D | AcI | 3\%DUCT / 10K THERMISTOR | ACI/10K-CP-RH3-D | 1 | \$215.70 | 38\% | \$133.73 |
| A/RН3-O | AcI | 3\%OSA | ACI/RH3-O | 1 | \$258.69 | 38\% | \$160.39 |
| A/RH3-100Ks-0 | AcI | 3\%OSA / 100K THERMISTOR | ACI/100Ks-RH3-0 | 1 | \$219.77 | 38\% | \$136.26 |
| A/RH3-20K-O | AcI | 3\%OSA / 20K THERMISTOR | ACI/20K-RH3-0 | 1 | \$223.64 | 38\% | \$138.66 |
| A/RH3-AN-O | AcI | 3\%OSA / 10K THERMISTOR | ACI/10K-AN-RH3-O | 1 | \$213.57 | 38\% | \$132.41 |
| A/RH3-CP-O | ACI | 3\%OSA / 10K THERMISTOR | A/RH3-CP-O | 1 | \$215.81 | 38\% | \$133.80 |
| A/RH3-R | AcI | 3\%SPACE / OFFICE | ACI/RH3-R | 1 | \$242.04 | 38\% | \$150.06 |
| A/RH3-100KS-R | AcI | 3\%SPACE / 100K THERMISTOR | ACI/100KS-RH3-R | 1 | \$204.21 | 38\% | \$126.61 |
| A/RH3-20K-R | AcI | 3\%SPACE / 20k THERMISTOR | ACI/20K-RH3-R | 1 | \$204.21 | 38\% | \$126.61 |
| A/RH3-AN-R | AcI | 3\%SPACE / 10K THERMISTOR | ACI/10K-AN-RH3-R | 1 | \$196.09 | 38\% | \$121.58 |
| A/RH3-CP-R | ACI | 3\%SPACE / 10K THERMISTOR | ACI/10K-CP-RH3-R | 1 | \$204.21 | 38\% | \$126.61 |
| A/RH3-SP | AcI | $3 \%$ SPACE / OfFICE | ACI/RH3-SP | 1 | \$293.67 | 38\% | \$182.08 |
| A/RH3-20k-SP | ACI | 3\%SPACE / 20k THERMISTOR | ACI/20K-RH3-SP | 1 | \$250.62 | 38\% | \$155.38 |
| A/RH3-AN-SP | ACI | 3\%SPACE / 10K THERMISTOR | ACI/10--AN-RH3-SP | 1 | \$250.62 | 38\% | \$155.38 |
| A/RH3-CP-SP | AcI | 3\%SPACE / 10k THERMISTOR | ACI/10K-CP-RH3-SP | 1 | \$250.62 | 38\% | \$155.38 |
| A/RH5-AN-O | AcI | 5\%OSA / 10K THERMISTOR | ACI/10K-AN-RH5-O | 1 | \$195.40 | 38\% | \$121.15 |
| A/RH5-CP-O | AcI | 5\%OSA / 10K THERMISTOR | ACI/10-CP-RH5-O | 1 | \$195.40 | 38\% | \$121.15 |
| A/RH5-D | AcI | 5\%DUCT | ACI/RH5-D | 1 | \$181.17 | 38\% | \$112.33 |
| A/RH5-100KS-D | AcI | 5\%DUCT / 100k THERMISTOR | ACI/100KS-RH5-D | 1 | \$192.43 | 38\% | \$119.31 |
| A/RH5-20K-D | ACI | 5\%DUCT / 20K THERMISTOR | ACI/20k-RH5-D | 1 | \$192.43 | 38\% | \$119.31 |
| A/RH5-AN-D | ACI | 5\%DUCT / 10K THERMISTOR | ACI/10K-AN-RH5-D | 1 | \$192.43 | 38\% | \$119.31 |
| A/RH5-CP-D | AcI | 5\%DUCT / 10K THERMISTOR | ACI/10K-CP-RH5-D | 1 | \$192.43 | 38\% | \$119.31 |
| A/RH5-O | AcI | 5\%OSA | ACI/RH5-O | 1 | \$183.97 | 38\% | \$114.06 |
| A/RH5-R | AcI | 5\%SPACE / OfFICE | ACI/RH5-R | 1 | \$169.44 | 38\% | \$105.05 |
| A/RH5-100KS-R | AcI | 5\%SPACE / 100K THERMISTOR | ACI/100KS-RH5-R | 1 | \$172.79 | 38\% | \$107.13 |
| A/RH5-20K-R | AcI | 5\%SPACE / 20k THERMISTOR | ACI/20K-RH5-R | 1 | \$172.79 | 38\% | \$107.13 |
| A/RH5-AN-R | ACI | 5\%SPACE / 10K THERMISTOR | ACI/10K-AN-RH5-R | 1 | \$172.79 | 38\% | \$107.13 |
| A/RH5-CP-R | ACI | 5\%SPACE / 10K THERMISTOR | ACI/10K-CP-RH5-R | 1 | \$172.79 | 38\% | \$107.13 |
| A/RH5-SP | ACI | 5\%SPACE / OFFICE | ACI/RH5-SP | 1 | \$217.42 | 38\% | \$134.80 |
| A/RH5-20k-SP | AcI | 5\%SPACE / 20k THERMISTOR | ACI/20--RH5-SP | 1 | \$231.34 | 38\% | \$143.43 |
| A/RH5-AN-SP | AcI | 5\%SPACE / 10k THERMISTOR | ALI/10K-AN-RH5-SP | 1 | \$231.34 | 38\% | \$143.43 |
| A/RH5-CP-SP | AcI | 5\%SPACE / 10k THERMISTOR | ALI/10K-CP-RH5-SP | 1 | \$231.34 | 38\% | \$143.43 |
| A/RH1(5070)D | AcI | 1\% RH TRANSMITTER, DUCT | ACI/RH1-40/60\%-D | 1 | \$558.28 | 38\% | \$346.13 |
| A/RH1(5070)AND | ACI | $1 \%$ RH TRANSMITTER, DUCT, 10 K THERMISTOR III | ACI/RH1-40/60\%-D-AN | 1 | \$541.70 | 38\% | \$335.85 |
| A/RH1(5070)CPD | AcI | $1 \%$ RH TRANSMITTER, DUCT, 10 K THERMISTOR II | ACI/RH1-40/60\%-D-CP | 1 | \$541.70 | 38\% | \$335.85 |
| A/RH1(5070)O | AcI | 1\% RH TRANSMITTER, OUTSIDE | ACI/RH1-40/60\%-O | 1 | \$596.60 | 38\% | \$369.89 |
| A/RH1(5070)ANO | AcI | $1 \%$ RH TRANSMITTER, OUTSIDE 10 K THERMISTOR III | ACI/RH1-40/60\%-O-AN | 1 | \$559.70 | 38\% | \$347.01 |
| A/RH1(5070) CPO | AcI | $1 \%$ RH TRANSMITTER, OUTSIDE, 10 K THERMISTOR II | ACI/RH1-40/60\%-O-CP | 1 | \$570.27 | 38\% | \$353.57 |
| A/RH1(5070)R | AcI | 1\% RH TRANSMITTER, ROOM | ACI/RH1-40/60\%-R | 1 | \$546.92 | 38\% | \$339.09 |
| A/RH1(5070)ANR | AcI | $1 \%$ RH TRANSMITTER, ROOM 10 K THERMISTOR III | ACI/RH1-40/60\%-R-AN | 1 | \$524.02 | 38\% | \$324.89 |
| A/RH1(5070)CPR | ACI | $1 \%$ RH TRANSMITTER, ROOM 10 K THERMISTOR II | ACI/RH1-40/60\%-R-CP | 1 | \$549.44 | 38\% | \$340.65 |
| A/RH1(5070)1KD | ACI | 1\% RH TRANSMITTER, DUCT, 1K RTD | ACI/RH1-40/60\%-D-1K | 1 | \$559.84 | 38\% | \$347.10 |
| A/RH1(5070)1KO | AcI | 1\% RH TRANSMITTER, OUTSIDE 1 K RTD | ACI/RH1-40/60\%-O-1K | 1 | \$570.27 | 38\% | \$353.57 |
| A/RH1(5070)1KR | AcI | $1 \%$ RH TRANSMITTER, ROOM 1 K RTD | ACI/RH1-40/60\%-R-1K | 1 | \$549.44 | 38\% | \$340.65 |
| A/RH2-100-O | ACI | 2\%OSA / PT-100 RTD | ACI/100-2W-RH2-O | 1 | \$341.34 | 38\% | \$211.63 |
| A/RH2-100KS-O | ACI | 2\%OSA / 100K THERMISTOR | ACI/100Ks-rH2-O | 1 | \$341.34 | 38\% | \$211.63 |
| A/RH2-20K-O | ACI | 2\%OSA / 20K THERMISTOR | ACI/20K-RH2-O | 1 | \$341.34 | 38\% | \$211.63 |
| A/RH2-AN-O | ACI | 2\%OSA / 10K THERMISTOR | ACI/10K-AN-RH2-O | 1 | \$329.39 | 38\% | \$204.22 |
| A/RH2-CP-O | ACI | 2\%OSA / 10K THERMISTOR | ACI/10K-CP-RH2-O | 1 | \$329.39 | 38\% | \$204.22 |
| A/RH2-100-R | ACI | 2\%SPACE / PT-100 RTD | ACI/ $100-2 \mathrm{~W}-\mathrm{RH2} 2 \mathrm{R}$ | 1 | \$316.16 | 38\% | \$196.02 |
| A/RH2-100KS-R | ACI | 2\%SPACE / 100K THERMISTOR | ACI/100KS-RH2-R | 1 | \$316.16 | 38\% | \$196.02 |
| A/RH2-20K-R | ACI | 2\%SPACE / 20k THERMISTOR | ACI/20K-RH2-R | 1 | \$316.16 | 38\% | \$196.02 |
| A/RH2-AN-R | ACI | 2\%SPACE / 10K THERMISTOR | ACI/10K-AN-RH2-R | 1 | \$301.53 | 38\% | \$86.95 |
| A/RH2-CP-R | ACI | 2\%SPACE / 10K THERMISTOR | ACI/10K-CP-RH2-R | 1 | \$316.16 | 38\% | \$196.02 |
| A/RH2-100KS-SP | ACI | 2\%SPACE / 100K THERMISTOR | ACI/100KS-RH2-SP | 1 | \$366.29 | 38\% | \$227.10 |
| A/RH2-20k-SP | ACI | 2\%SPACE / 20k THERMISTOR | ACI/20--RH2-SP | 1 | \$366.29 | 38\% | \$227.10 |
| A/RH2-AN-SP | ACI | 2\%SPACE / 10k THERMISTOR | ACI/10k-AN-RH2-SP | 1 | \$359.50 | 38\% | \$222.89 |
| A/RH2-CP-SP | ACI | 2\%SPACE / 10k THERMISTOR | ACI/10K-CP-RH2-SP | 1 | \$366.29 | 38\% | \$227.10 |
| A/RH2-1K-D | ACI | 2\%DUCT / PT-1000 RTD | ACI/1K-2W-RH2-D | 1 | \$335.44 | 38\% | \$207.97 |
| A/RH2-100-D | ACI | 2\%DUCT / PT-100 RTD | ACI/100-2W-RH2-D | 1 | \$335.44 | 38\% | \$207.97 |
| A/RH2-1k-O | ACI | 2\%OSA / PT-1000 RTD | ACI/1K-2W-RH2-O | 1 | \$341.34 | 38\% | \$211.63 |
| A/RH2-1k-R | ACI | 2\%SPACE / PT-1000 RTD | ACI/1-2W-RH2-R | 1 | \$316.16 | 38\% | \$196.02 |
| A/RH2-R-CCDR | ACI | $2 \% S P A C E$ DSPLY | ACI/RH2-R-LCD | 1 | \$405.00 | 38\% | \$251.10 |
| A/RH2-11-SP | ACI | 2\%SPACE / PT-1000 RTD | ACI/1K-2W-RH2-SP | 1 | \$366.29 | 38\% | \$227.10 |
| A/RH2-100-SP | ACI | 2\%SPACE / PT-100 RTD | ACI/100-2W-RH2-SP | 1 | \$366.29 | 38\% | \$227.10 |
| A/RH3-1K-D | ACI | 3\%DUCT / PT-1000 RTD | ACI/1K-2W-RH3-D | 1 | \$219.77 | 38\% | \$136.26 |
| A/RH3-100-D | ACI | $3 \%$ DUCT / PT-100 RTD | ACI/ $100-2 \mathrm{~W}-\mathrm{RH} 3$-D | 1 | \$219.77 | 38\% | \$136.26 |
| A/RH3-1k-O | ACI | $3 \%$ OSA / PT-1000 RTD | ACI/ $/ 1-2 \mathrm{~W}-\mathrm{RH} 3-\mathrm{O}$ | 1 | \$223.64 | 38\% | \$138.66 |
| A/RH3-100-O | ACI | 3\%OSA / PT-100 RTD | ACI/100-2W-RH3-O | 1 | \$219.77 | 38\% | \$136.26 |
| A/RH3-1k-R | ACI | 3\%SPACE / PT-1000 RTD | ACI/11-2W-RH3-R | 1 | \$204.21 | 38\% | \$126.61 |
| A/RH3-100-R | ACI | $3 \%$ SPACE / PT-100 RTD | ACI/ $100-2 \mathrm{~W}-\mathrm{RH} 3$-R | 1 | \$204.21 | 38\% | \$126.61 |
| A/RH3-1-SP | ACI | 3\%SPACE / PT-1000 RTD | ACI/1K-2W-RH3-SP | 1 | \$250.62 | 38\% | \$155.38 |
| A/RH3-100-SP | ACI | 3\%SPACE / PT-100 RTD | ALI/100-2W-RH3-SP | 1 | \$250.62 | 38\% | \$155.38 |
| A/RH3-100KS-SP | ACI | 3\%SPACE / 100K THERMISTOR | ACI/100KS-RH3-SP | 1 | \$250.62 | 38\% | \$155.38 |
| A/RH5-1k-O | ACI | 5\%OSA / PT-1000 RTD | ACI/1K-2W-RH5-0 | 1 | \$195.40 | 38\% | \$121.15 |
| A/RH5-100-O | ACI | 5\%OSA / PT-100 RTD | ACI/100-2W-RH5-O | 1 | \$195.40 | 38\% | \$121.15 |
| A/RH5-100KS-O | ACI | 5\%OSA / 100K THERMISTOR | ACI/100Ks-RH5-0 | 1 | \$195.40 | 38\% | \$121.15 |
| A/RH5-20K-O | ACI | 5\%OSA / 20K THERMISTOR | ACI/20k-RH5-O | 1 | \$195.40 | 38\% | \$121.15 |
| A/RH5-1K-D | ACI | 5\%DUCT / PT-1000 RTD | ACI/1K-2W-RH5-D | 1 | \$192.43 | 38\% | \$119.31 |
| A/RH5-100-D | ACI | 5\%DUCT / PT-100 RTD | ACI/100-2W-RH5-D | 1 | \$192.43 | 38\% | \$119.31 |
| A/RH5-1K-R | ACI | 5\%SPACE / PT-1000 RTD | ACI/1K-2W-RH5-R | 1 | \$172.79 | 38\% | \$107.13 |
| A/RH5-100-R | ACI | 5\%SPACE / PT-100 RTD | ACI/100-2W-RH5-R | 1 | \$172.79 | 38\% | \$107.13 |
| A/RH5-11-SP | ACI | 5\%SPACE / PT-1000 RTD | ACI/1K-2W-RH5-SP | 1 | \$231.34 | 38\% | \$143.43 |
| A/RH5-100-SP | ACI | 5\%SPACE / PT-100 RTD | ACI/100-2W-RH5-SP | 1 | \$231.34 | 38\% | \$143.43 |
| A/RH5-100KS-SP | ACI | 5\%SPACE / 100K THERMISTOR | ACI/100KS-RH5-SP | 1 | \$231.34 | 38\% | \$143.43 |
| втм9000 | ACI | MONITORING/LOGGING SOFTWARE | втм9000-k | 1 | \$1,766.00 | 38\% | \$1,094.92 |
| втм9010A | ACI | BUILDING MONITORING/LOGGING SOFTWARE | втм9010A-K | 1 | \$2,520.00 | 38\% | \$1,562.40 |
| CK2432D | ACI | FRONTIER 2.0 PROGRAMMING CABLE | CK2432-K | 1 | \$187.00 | 38\% | \$115.94 |
| DH2630A | ACI | WIRELS DUCT HUMIDTTY (3\%) SENSOR | DH2630A-K | 1 | \$1,162.00 | 38\% | \$720.44 |
| DH2630B | ACI | WIRELS DUCT TEMP/HUMIDITY (3\%) SENSOR 25-125F | DH2630B-K | 1 | \$1,208.00 | 38\% | \$748.96 |
| DH2630C | ACI | WIRELS DUCT TEMP/HUMIDTT ( $3 \%$ ) SENSOR -40-160F | DH2630C-k | 1 | \$1,208.00 | 38\% | \$748.96 |
| DT2630A | ACI | WIRELS DUCT TEMP SENSOR (25-150) | DT2630A-K | 1 | \$560.00 | 38\% | \$347.20 |
| DT2630B | ACI | WIRELS DUCT TEMP SENSOR (-40-160) | DT2630B-K | 1 | \$560.00 | 38\% | \$347.20 |
| DT2650A | ACI | WIRELS AVERAGE (4 Points) TEMP SENS (0-150 F)20 FT | DT2650A-K | 1 | \$651.00 | 38\% | \$403.62 |
| ET2630A | ACI | WIRELS SENSORS In RUGGED CASE 0-160 F | ET2630A-K | 1 | \$466.00 | 38\% | \$288.92 |
| Ex2432D | ACI | OUTPUT EXT MOD FOR RM2432 W/ 4AO/4DO | Ex2432D-K | 1 | \$513.00 | 38\% | \$318.06 |
| EXPDL123 | ACI | 3.0V LTTHIUM BATTERIES (PACK OF 10) | EXPDL123-K | 1 | \$237.00 | 38\% | \$146.94 |

The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. . BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated
Microprocessor-Controled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems. Eicroprocessor-Controlled HAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted Instedl Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integra products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, , platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
B. Audio-Video equipment or systems (e.g. smart boards projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc)

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted Inctledl Factory Provided Microprocessor-Controlled, requiring technical skill to progra, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FreAlarm Interface Panel (IAP), and/or other similar device, which utilize certain ocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforemen.

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, Wers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

|  |  |  |  |  | List Pice | \% Discoum | Nvs Net Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A-PS1.5 | ACI | ADJUSTABLE POWER SUPPLY | A-PS1.5 | 1 | \$103.00 | 38\% | \$63.86 |
| DPA-1-10 | ACI | $0-1 \mathrm{IN}$ RANGE, 2 -10VDC OUTPUT | DPA-1-10 | 1 | \$247.00 | 38\% | \$153.14 |
| DPA-1-20 | ACI | 0-1IN RANGE, 4-20MA OUTPUT | DPA-1-20 | 1 | \$237.00 | 38\% | \$146.94 |
| DPA-1-5 | ACI | 0-1IN RANGE, 1-5VDC OUTPUT | DPA-1-5 | 1 | \$247.00 | 38\% | \$153.14 |
| DPA-10-10 | ACI | 0-10IN RANGE, 2 -10VDC OUTPUT | DPA-10-10 | 1 | \$295.00 | 38\% | \$182.90 |
| DPA-10-20 | ACI | 0-10IN RANGE, 4-20MA OUTPUT | DPA-10-20 | 1 | \$287.00 | 38\% | \$177.94 |
| DPA-10-5 | ACI | 0 -10IN RANGE, 1 -5VDC OUTPUT | DPA-10-5 | 1 | \$295.00 | 38\% | \$182.90 |
| DPA-2-10 | ACI | 0 -2IN RANGE, 2 -10VDC OUTPUT | DPA-2-10 | 1 | \$244.00 | 38\% | \$151.28 |
| DPA-2-20 | ACI | 0 -2IN RANGE, 4-2OMA OUTPUT | DPA-2-20 | 1 | \$237.00 | 38\% | \$146.94 |
| DPA-2-5 | ACI | 0 -2IN RANGE, 1 -5VDC OUTPUT | DPA-2-5 | 1 | \$238.00 | 38\% | \$147.56 |
| DPA-3-10 | ACI | 0 -3IIN RANGE, 2 -10VDC OUTPUT | DPA-3-10 | 1 | \$244.00 | 38\% | \$151.28 |
| DPA-3-20 | ACI | 0 -3IN RANGE, 4 -20 MA OUTPUT | DPA-3-20 | 1 | \$237.00 | 38\% | \$146.94 |
| DPA-3-5 | ACI | 0 -3in range, 1 -5VDC OUtPUT | DPA-3-5 | 1 | \$247.00 | 38\% | \$153.14 |
| DPA-5-10 | ACI | 0 -SIN RANGE, 2 -10VDC OUTPUT | DPA-5-10 | 1 | \$237.00 | 38\% | \$146.94 |
| DPA-5-20 | ACI | 0 -SIn Range, 4-2OMA OUTPUT | DPA-5-20 | 1 | \$234.00 | 38\% | \$145.08 |
| DPA-5-5 | ACI | 0 -SIN RANGE, 1-5VDC OUTPUT | DPA-5-5 | 1 | \$247.00 | 38\% | \$153.14 |
| DPAII-1-10 | ACI | Field select range and out, 0 -1in wc, 2 -10VDC | DPAII-1-10 | 1 | \$339.00 | 38\% | \$210.18 |
| DPAII-1-10-LCD | ACI | FieLD SELECT RANGE AND OUT,0-1IN WC, 2 -10VDC,LCD | DPAII-1-10-LCD | 1 | \$410.00 | 38\% | \$254.20 |
| DPAII-1-20 | ACI | Field select range and out,o-1in wc,4-20MA | DPAII-1-20 | 1 | \$339.00 | 38\% | \$210.18 |
| DPAII-1-20-LCD | ACI | Field select range and out,o-1in wc,4-20Ma,LCD | DPAII-1-20-LCD | 1 | \$410.00 | 38\% | \$254.20 |
| DPAII-1-5 | ACI | Field select range and out, $0-1 \mathrm{IIN}$ WC, 1 -5VDC | DPAII-1-5 | 1 | \$339.00 | 38\% | \$210.18 |
| DPAII-1-5-LCD | ACI | FieLd select range and out,o-1in wc,1-5VDC,LCD | DPAII-1-5-LCD | 1 | \$410.00 | 38\% | \$254.20 |
| DPAII-10-10 | ACI | FieLd select range and out, $0-10 \mathrm{IN}$ WC, 2 -10VDC | DPAII-10-10 | 1 | \$339.00 | 38\% | \$210.18 |
| DPAII-10-10-LCD | ACI | FieLD SELECT RANGE AND OUT,0-010in WC,2-10VDC,LCD | DPAII-10-10-LCD | 1 | \$410.00 | 38\% | \$254.20 |
| DPAII-10-20 | ACI | FIELD SELECT RANGE AND OUT,0-10in WC,4-20MA | DPAII-10-20 | 1 | \$339.00 | 38\% | \$210.18 |
| DPAII-10-20-LCD | ACI | FieLD SELECT RANGE AND OUT,0-10in WC,4-20MA,LCD | DPAII-10-20-LCD | 1 | \$410.00 | 38\% | \$254.20 |
| DPAII-10-5 | ACI | FIELD SELECT RANGE AND OUT,0-10in WC,1-5VDC | DPAII-10-5 | 1 | \$339.00 | 38\% | \$210.18 |
| DPAII-10-5-CD | ACI | FieLD SELECT RANGE AND OUT,0-010in WC,1-5VDC,LCD | DPAII-10-5-CD | 1 | \$410.00 | 38\% | \$254.20 |
| DPAII-1000-10 | ACI | Field select range and out,o-1000PA,2-10VDC | DPAII-1000-10 | 1 | \$339.00 | 38\% | \$210.18 |
| DPAII-1000-20 | ACI | FIELD SELECT RANGE AND OUT,0-1000PA,4-20MA | DPAII-1000-20 | 1 | \$339.00 | 38\% | \$210.18 |
| DPAII-1000-5 | ACI | FIELD SELECT RANGE AND OUT,0-1000Pa, 1 --VVDC | DPAII-1000-5 | 1 | \$339.00 | 38\% | \$210.18 |
| DPAII-1600-10 | ACI | FIELD SELECT RANGE AND OUT,0-1600PA,2-10VDC | DPAII-1600-10 | 1 | \$339.00 | 38\% | \$210.18 |
| DPAII-1600-20 | ACI | FIELD SELECT RANGE AND OUT,0-1600PA,4-20MA | DPAII-1600-20 | 1 | \$339.00 | 38\% | \$210.18 |
| DPAII-1600-5 | ACI | FIELD SELECT RANGE AND OUT,0-1600Pa, 1 -5VDC | DPAII-1600-5 | 1 | \$339.00 | 38\% | \$210.18 |
| DPAII-2-10 | ACI | FiELD SELECT RANGE AND OUT,0-2IN WC,2-10VDC | DPAII-2-10 | 1 | \$339.00 | 38\% | \$210.18 |
| DPAII-2-10-LCD | ACI | FieLD select range and out,o-2IN Wc, 2 -10VDC,LCD | DPAII-2-10-LCD | 1 | \$410.00 | 38\% | \$254.20 |
| DPAII-2-20 | ACI | FieLd select range and out,o-2IN WC,4-20MA | DPAII-2-20 | 1 | \$339.00 | 38\% | \$210.18 |
| DPAII-2-20-LCD | ACI | Field select range and out,o-2IN Wc,4-20Ma,LCD | DPAII-2-20-LCD | 1 | \$410.00 | 38\% | \$254.20 |
| DPAII-2-5 | ACI | FIELD SELECT RANGE AND OUT,0-2IN WC,1-5VDC | DPAII-2-5 | 1 | \$339.00 | 38\% | \$210.18 |
| DPAII-2-5-LCD | ACI | FieLD Select range and out,o-2IN Wc,1-5VDC,LCD | DPAII-2-5-LCD | 1 | \$410.00 | 38\% | \$254.20 |
| DPAII-20-10 | ACI | FIELD SELECT RANGE AND OUT,0-20IN WC,2-10VDC | DPAII-20-10 | 1 | \$339.00 | 38\% | \$210.18 |
| DPAII-20-10-LCD | ACI | FieLD select range and out,0-0in wc,2-10VDC,LCD | DPAII-20-10-LCD | 1 | \$410.00 | 38\% | \$254.20 |
| DPAII-20-20 | ACI | Field select range and out,o-20in Wc,4-20MA | DPAII-20-20 | 1 | \$339.00 | 38\% | \$210.18 |
| DPAII-20-20-LCD | ACI | FieLd select range and out,0-20in wc,4-20Ma,LCD | DPAII-20-20-LCD | 1 | \$410.00 | 38\% | \$254.20 |
| DPAII-20-5 | ACI | Field select range and out,o-20in Wc, 1 -5VDC | DPAII-20-5 | 1 | \$339.00 | 38\% | \$210.18 |
| DPAII-20-5-LCD | ACI | Field select range and out,0-20in wc,1-5VDC,LCD | DPAII-20-5-CD | 1 | \$410.00 | 38\% | \$254.20 |
| DPAII-2500-10 | ACI | FIELD SELECT RANGE AND OUT,0-2500PA, 2 -10VDC | DPAII-2500-10 | 1 | \$339.00 | 38\% | \$210.18 |
| DPAII-2500-20 | ACI | FIELD SELECT RANGE AND OUT,0-2500PA,4-20MA | DPAII-2500-20 | 1 | \$339.00 | 38\% | \$210.18 |
| DPAII-2500-5 | AcI | FIELD SELECT RANGE AND OUT,0-2500PA, 1 --VVDC | DPAII-2500-5 | 1 | \$339.00 | 38\% | \$210.18 |
| DPAII-3-10 | ACI | Field select range and out,o-3in Wc,2-10vdC | DPAII-3-10 | 1 | \$339.00 | 38\% | \$210.18 |
| DPAII-3-10-LCD | ACI | FieLD select range and out,o-3in Wc, 2 -10VDC,LCD | DPAII-3-10-LCD | 1 | \$410.00 | 38\% | \$254.20 |
| DPAII-3-20 | ACI | Field select range and out,o-3in WC,4-20MA | DPAII-3-20 | 1 | \$339.00 | 38\% | \$210.18 |
| DPAII-3-20-LCD | ACI | FieLd select range and out,o-3in wc,4-20Ma,LCD | DPAII-3-20-LCD | 1 | \$410.00 | 38\% | \$254.20 |
| DPAII-3-5 | ACI | FIELD SELECT RANGE AND OUT,0-3IN WC,1-5VDC | DPAII-3-5 | 1 | \$339.00 | 38\% | \$210.18 |
| DPAII-3-5-LCD | ACI | Field select range and out,o-3in wc,1-5VDC,LCD | DPAII-3-5-LCD | 1 | \$410.00 | 38\% | \$254.20 |
| DPAII-300-10 | ACI | FIELD SELECT RANGE AND OUT,0-300PA, 2 -10VDC | DPAII-300-10 | 1 | \$339.00 | 38\% | \$210.18 |
| DPAII-300-10-LCD | ACI | FIELD SELECT RANGE AND OUT,0-300PA,2-10VDC,LCD | DPAII-300-10-LCD | 1 | \$410.00 | 38\% | \$254.20 |
| DPAII-300-20 | ACI | FIELD SELECT RANGE AND OUT,0-300PA,4-20MA | DPAII-300-20 | 1 | \$339.00 | 38\% | \$210.18 |
| DPAII-300-20-LCD | ACI | FIELD SELECT RANGE AND OUT,0-300PA,4-20MA,LCD | DPAII-300-20-LCD | 1 | \$410.00 | 38\% | \$254.20 |
| DPAII-300-5 | ACI | FIELD SELECT RANGE AND OUT,0-300PA,1-5VDC | DPAII-300-5 | 1 | \$339.00 | 38\% | \$210.18 |
| DPAII-300-5-CD | ACI | FIELD SELECT RANGE AND OUT,0-300PA,1-5VDC,LCD | DPAII-300-5-CD | 1 | \$410.00 | 38\% | \$254.20 |
| DPAII-4-10 | ACI | FIIELD SELECT RANGE AND OUT,0-4IN WC,2-10VDC | DPAII-4-10 | 1 | \$339.00 | 38\% | \$210.18 |
| DPAII-4-10-LCD | ACI | FieLd select range and out,o-iIN Wc, 2 -10VDC,LCD | DPAII-4-10-LCD | 1 | \$410.00 | 38\% | \$254.20 |
| DPAII-4-20 | ACI | FieLD Select range and out,o-4in Wc,4-20MA | DPAII-4-20 | 1 | \$339.00 | 38\% | \$210.18 |
| DPAII-4-20-LCD | ACI | Field select range and out,o-4in wc,4-20Ma,LCD | DPAII-4-20-LCD | 1 | \$410.00 | 38\% | \$254.20 |
| DPAII-4-5 | ACI | FIELD SELECT RANGE AND OUT,0-4in WC,1-5VDC | DPAII-4-5 | 1 | \$339.00 | 38\% | \$210.18 |
| DPAII-4-5-LCD | ACI | FieLD select range and out,0-4in wc,1-5VdC,LCD | DPAII-4-5-LCD | 1 | \$410.00 | 38\% | \$254.20 |
| DPAII-5-10 | ACI | FIIELD SELECT RANGE AND OUT,0-SIN WC,2-10VDC | DPAII-5-10 | 1 | \$339.00 | 38\% | \$210.18 |
| DPAII-5-10-LCD | ACI | FieLD SELECT RANGE AND OUT,0-SIN WC,2-10VDC,LCD | DPAII-5-10-LCD | 1 | \$410.00 | 38\% | \$254.20 |
| DPAII-5-20 | ACI | FiELD SELECT RANGE AND OUT,0-SIN WC,4-20MA | DPAII-5-20 | 1 | \$339.00 | 38\% | \$210.18 |
| DPAII-5-20-LCD | ACI | FieLd select range and out,o-5in wc,4-20Ma,LCD | DPAII-5-20-LCD | 1 | \$410.00 | 38\% | \$254.20 |
| DPAII-5-5 | ACI | FIELD SELECT RANGE AND OUT,0-SIN WC,1-5VDC | DPAII-5-5 | 1 | \$339.00 | 38\% | \$210.18 |
| DPAII-5-5-LCD | ACI | FieLD select range and out,o-5in wc,1-5VDC,LCD | DPAII-5-5-LCD | 1 | \$410.00 | 38\% | \$254.20 |
| DPAII-500-10 | ACI | FIELD SELECT RANGE AND OUT,0-500PA, 2 -10VDC | DPAII-500-10 | 1 | \$339.00 | 38\% | \$210.18 |
| DPAII-500-10-LCD | ACI | FIELD SELECT RANGE AND OUT,0-500PA,2-10VDC,LCD | DPAII-500-10-LCD | 1 | \$410.00 | 38\% | \$254.20 |
| DPAII-500-20 | ACI | FIELD SELECT RANGE AND OUT,0-500PA,4-20MA | DPAII-500-20 | 1 | \$339.00 | 38\% | \$210.18 |
| DPAII-500-20-LCD | AcI | FIELD SELECT RANGE AND OUT,0-500PA,4-20MA,LCD | DPAII-500-20-LCD | 1 | \$410.00 | 38\% | \$254.20 |
| DPAII-500-5 | ACI | FIELD SELECT RANGE AND OUT,0-500PA,1-5VDC | DPAII-500-5 | 1 | \$339.00 | 38\% | \$210.18 |
| DPAII-500-5-LCD | ACI | FIELD SELECT RANGE AND OUT,0-500PA,1-1VDC,LCD | DPAII-500-5-LCD | 1 | \$410.00 | 38\% | \$254.20 |
| DPAII-1000-10-LCD | ACI | FieLD SELECT RANGE AND OUT,0-0000PA,2-10VDC,LCD | DPAII-1000-10-LCD | 1 | \$410.00 | 38\% | \$254.20 |
| DPAII-1000-20-LCD | AcI | FieLD SELECT RANGE AND OUT,0-1000PA,4-20MA,LCD | DPAII-1000-20-LCD | 1 | \$410.00 | 38\% | \$254.20 |
| DPAII-1000-5-LCD | ACI | FieLD SELECT RANGE AND OUT, 0-1000Pa, 1 -5VDC,LCD | DPAII-1000-5-LCD | 1 | \$410.00 | 38\% | \$254.20 |
| DPAII-1600-10-LCD | ACI | FieLD SELECT RANGE AND OUT,0-1600PA,2-10VDC,LCD | DPAII-1600-10-LCD | 1 | \$410.00 | 38\% | \$254.20 |
| DPAII-1600-20-LCD | ACI | FiELD SELECT RANGE AND OUT,0-1600PA,4-20MA,LCD | DPAII-1600-20-LCD | 1 | \$410.00 | 38\% | \$254.20 |
| DPAII-1600-5-LCD | ACI | FiELD SELECT RANGE AND OUT, 0-1600Pa, 1-5VDC,LCD | DPAII-1600-5-LCD | 1 | \$410.00 | 38\% | \$254.20 |
| DPAII-2500-10-LCD | ACI | Field select range and out,o-2500PA,2-10VDC,LCD | DPAII-2500-10-LCD | 1 | \$410.00 | 38\% | \$254.20 |
| DPAII-2500-20-LCD | ACI | FieLD Select range and out,o-2500Pa,4-20MA,LCD | DPAII-2500-20-LCD | 1 | \$410.00 | 38\% | \$254.20 |
| DPAII-2500-5-LCD | ACI | FIELD SELECT RANGE AND OUT,0-2500PA,1-SVDC,LCD | DPAII-2500-5-LCD | 1 | \$410.00 | 38\% | \$254.20 |
| A/1000-2-RS $400-\mathrm{C}$ | ACI | SPACE W/ SET PNT, 1 K OHM RTD | A 11 -2W-RS-400-C-RA | 1 | \$48.00 | 38\% | \$29.76 |
| A/100-2-RSO-R44-400-C | ACI | SPACE W/ R111 4-PIN, W/SP \& OVRD, 100 OHM RTD | A/100-2W-RSO-RJ4-400-C-RA | 1 | \$66.00 | 38\% | \$40.92 |
| A/100-2-RSO-RJ4-400-CW | ACI | SPACE W/ R11 4 4-PIN, W/SP \& OVRD, 100 OHM RTD | A/100-2W-RSO-RJ4-400-CW-RA | 1 | \$67.00 | 38\% | \$41.54 |
| A/100-2-RS-R4-400-C | ACI | SPACE W/ R11 4 -PIN, W/SP, 100 OHM RTD | A/100-2W-RS-N4-400-C-RA | 1 | \$60.00 | 38\% | \$37.20 |
| A/100-2-RS-RJ4-400-CW | ACI | SPACE W/ R11 4-PIN, W/SP, 100 OHM RTD | A/100-2W-RS-RJ4-400-CW-RA | 1 | \$60.00 | 38\% | \$37.20 |
| A/100-2-RS-P44-400-F | ACI | SPACE W/ R11 4-PIN, W/SP, 100 OHM RTD | A/100-2W-RS-R44-400-F-RA | 1 | \$60.00 | 38\% | \$37.20 |
| A/100-2-RS-R6-400-C | ACI | SPACE W/ R111 6-IIN, W/SP, 100 OHM RTD | A/100-2W-RS-RJ6-400-C-RA | 1 | \$60.00 | 38\% | \$37.20 |
| A/100-2-RS-RJ6-400-CW | AcI | SPACE W/ R111 6-PIN, W/SP, 100 OHM RTD | A/100-2W-RS-RJ6-400-CW-RA | 1 | \$61.00 | 38\% | \$37.82 |
| A/100-2-RS-J6-400-F | ACI | SPACE W/ R111 6-PIN, W/SP, 100 OHM RTD | A/100-2W-RS-RJ6-400-F-RA | 1 | \$60.00 | 38\% | \$37.20 |
| A/100-2-RSO-R4-400-F | AcI | SPACE RJ11 4 AIN, W/SP \& OVRD, 100 OHM RTD | A/100-2W-RSO-RJ4-400-F-RA | 1 | \$67.00 | 38\% | \$41.54 |
| A/100-2-RSO-RJ6-400-C | ACI | SPACE RJ11 6PIN, W/SP \& OVRD, 100 OHM RTD | A/100-2W-RSO-N6-400-C-RA | 1 | \$67.00 | 38\% | \$41.54 |
| A/100-2-RSO-RJ6-40-CW | ACI | SPACE RJ11 GPIN, W/SP \& OVRD, 100 OHM RTD | A/100-2W-RSO-RJ6-400-CW-RA | 1 | \$66.00 | 38\% | \$40.92 |
| A/100-2-RSO-RJ6-400-F | ACI | SPACE RJ11 GPIN, W/SP \& OVRD, 100 OHM RTD | A/100-2W-RSO-RJ6-400-F-RA | 1 | \$67.00 | 38\% | \$41.54 |
| A/100KRSI0KCWRA | AcI | SPACE W/SET POINT, 100K THERMISTOR | A/100KS-RS-10k-CW-RA | 1 | \$32.51 | 38\% | \$20.16 |
| A/100KRSO1KCWRA | ACI | SPACE W/SP \& OVERRIDE, 100K THERMISTOR | A/100KS-RSO-10K-CW-RA | 1 | \$39.60 | 38\% | \$24.55 |
| A/1000-2-R5O-400-C | ACI | SPACE W/SP \& OVERRIDE, 1 K OHM RTD | A/1K-2W-RSO-400-C-RA | 1 | \$55.00 | 38\% | \$34.10 |
| A/1000-2-RSO-400-CW | ACI | SPACE W/SP \& OVERIIDE, 1K OHM RTD | A/1K-2W-RSO-400-CW-RA | 1 | \$55.00 | 38\% | \$34.10 |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Moed HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integra products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device inching, but not limited to, a router, gateway, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with he contractor providing the aforementioned installo, systems, graion, or maintenace of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The conract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not imited to:
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc.)

A physical security and faciity system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' 'ocation in the event of a fire or emergency.


The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HAC Equipment in a building or faciility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
. Itegrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mout HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integra products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned instald, system.

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs . wers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& tiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from hese contracts for any other purposes, including, but not imited to:
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc.)

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' 'ocation in the event of a fire or emergency.

| del Number | turer | Product Descripition |  | $\begin{gathered} \text { "Warranty Period - \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54 \text { " } \end{gathered}$ | Lsit Price | \% Discount | NVS Nel Pitice |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A/VAV-RO | ACI | Wall sensor for novar equip | ACI/VAV-RO | 1 | \$113.00 | 38\% | \$70.06 |
| AVVav-rso | ACI | WALL SENSOR W/SETPT FOR NOVAR EQUIP | ACIVAV-RSO | 1 | \$125.00 | 38\% | \$77.50 |
| A/100-2-SS-400-C | ACI | SPACE W/ SET POINT, 100 OHM RTD | A/100-2W-RS-400-C-RA | 1 | \$48.00 | 38\% | \$29.76 |
| A/100-2-RS-400-CW | ACI | SPACE W/ SET POINT, 100 OHM RTD | A/100-2W-RS-400-CW-RA | 1 | \$49.00 | 38\% | \$30.38 |
| A/100-2-RS-400-F | ACI | SPACE W/ SET POINT, 100 OHM RTD | A/100-2W-RS-400-F-RA | 1 | \$48.00 | 38\% | \$29.76 |
| A/100-2-RSO-400-C | ACI | SPACE W/ SP \& OVERRIDE, 100 OHM RTD | A/100-2W-RSO-400-C-RA | 1 | \$55.00 | 38\% | \$34.10 |
| A/100-2-R50-400-CW | ACI | SPACE W/ SP \& OVERRIDE, 100 OHM RTD | A/100-2W-RSO-400-CW-RA | 1 | \$55.00 | 38\% | \$34.10 |
| A/AN-RS-10k-C | ACI | SPACE W/ SET POINT, 10K THERMISTOR 3 | A/AN-RS-10-C-RA | 1 | \$31.00 | 38\% | \$19.22 |
| A/AN-RS-10k-F | ACI | SPACE W/ SET POINT, 10k THERMISTOR 3 | A/AN-RS-10K-F-RA | 1 | \$31.00 | 38\% | \$19.22 |
| A/AN-RS-RT4-10k-C | ACI | SPACE W/RJ11 4-PIN, w/SP, 10K THERMISTOR 3 | A/AN-RS-RT4-10K-C-RA | 1 | \$43.00 | 38\% | \$26.66 |
| A/AN-RS-RJ4-10K-CW | ACI | SPACE W/RJ11 4-PIN, W/SP, 10K THERMISTOR 3 | A/AN-RS-RT4-10K-CW-RA | 1 | \$42.00 | 38\% | \$26.04 |
| A/AN-RS-ST4-10K-F | ACI | SPACE W/RJ11 4-PIN, W/SP, 10K THERMISTOR 3 | A/AN-RS-R4-10K-F-RA | 1 | \$42.00 | 38\% | \$26.04 |
| A/AN-RS-RJ6-10k-C | ACI | SPACE W/RJ11 6 -PIN, W/SP, 10K THERMISTOR 3 | A/AN-RS-RJ6-10K-C-RA | 1 | \$43.00 | 38\% | \$26.66 |
| A/AN-RS-RJ6-10-CW | ACI | SPACE W/RJ11 6 -PIN, W/SP, 10K THERMISTOR 3 | A/AN-RS-RJ6-10K-CW-RA | 1 | \$42.00 | 38\% | \$26.04 |
| A/AN-RS-RJ6-10k-F | ACI | SPACE W/RJ11 6 -PIN, W/SP, 10K THERMISTOR 3 | A/AN-RS-RJ6-10K-F-RA | 1 | \$42.00 | 38\% | \$26.04 |
| A/AN-RSO-100k-CW | ACI | SPACE SENSOR W/SP \& OVERRIDE | A/AN-RSO-10K-CW-RA | 1 | \$36.00 | 38\% | \$22.32 |
| A/AN-RSO-10K-C | ACI | SPACE W/SP \& OVERRIDE, 10k THERMISTOR 3 | A/AN-RSO-10K-C-RA | 1 | \$37.00 | 38\% | \$22.94 |
| A/AN-RSO-10K-F | ACI | SPACE W/SP \& OVERRIDE, 10k THERMISTOR 3 | A/AN-RSO-10K-F-RA | 1 | \$37.00 | 38\% | \$22.94 |
| A/AN-RSO-RJ4-10K-C | ACI | SPACE W/R11 4 4PIN, W/SPROVRD, 10k THERMISTOR 3 | A/AN-RSO-JJ4-10K-C-RA | 1 | \$48.00 | 38\% | \$29.76 |
| A/AN-RSO-R4-10K-CW | ACI | SPACE W/RJ11 4PIN, W/SPROVRD, 10K THERISTOR 3 | A/AN-RSO-RT4-10K-CW-RA | 1 | \$49.00 | 38\% | \$30.38 |
| A/AN-RSO-RJ4-10K-F | ACI | SPACE W/R11 4PIN, W/SPQOVRD, 10 K THER 3 | A/AN-RSO-RJ4-10K-F-RA | 1 | \$48.00 | 38\% | \$29.76 |
| A/AN-RSO-RJ6-10K-C | ACI | SPACE W/RJ11 GPIN, W/SP\&OVRD, 10K THERISTOR 3 | A/AN-RSO-N6-10K-C-RA | 1 | \$49.00 | 38\% | \$30.38 |
| A/AN-RSO-RJ-10K-CW | ACI | SPACE W/R11 6PiN, W/SP\&OVRD, 10 K THER 3 | A/AN-RSO-RJ6-10K-CW-RA | 1 | \$49.00 | 38\% | \$30.38 |
| A/AN-RSO-RJ6-10K-F | ACI | SPACE W/R11 6PIN, W/SP\&OVRD, 10 K THER 3 | A/AN-RSO-rJ6-10K-F-RA | 1 | \$49.00 | 38\% | \$30.38 |
| A/CPRS 10 KCWRA | ACI | SPACE W/SET POINT, 10K THERMISTOR 2 | A/CP-RS-1K-CW-RA | 1 | \$32.51 | 38\% | \$20.16 |
| A/CPRSO10KCWRA | ACI | SPACE W/SP \& OVERRIDE, 10k THERMISTOR 2 | A/CP-RSO-10K-CW-RA | 1 | \$39.60 | 38\% | \$24.55 |
| AfP-V1 | ACI | analog to floating, 30, 60, 90 SEC | AfP-V1 | 1 | \$303.00 | 38\% | \$187.86 |
| AfP-V2 | ACI | ANALOG TO FLOAting, 120, 150, 180 SEC | AfP-V2 | 1 | \$312.00 | 38\% | \$193.44 |
| ATP-R-V1 | ACI | ANALOG TO PULSE, RELAY OUTPUT | ATP-R-V1 | 1 | \$300.00 | 38\% | \$186.00 |
| ATP-R-V1-ENC1 | ACI | ANALOG TO PULSE, RELAY OUTPUT, ENCL | ATP-R-V1-ENC1 | 1 | \$350.00 | 38\% | \$217.00 |
| ATP-R-V2 | ACI | ANALOG TO PULSE, RELAY OUTPUT, POSITTVE OFF | ATP-R-V2 | 1 | \$300.00 | 38\% | \$186.00 |
| ATP-R-V2-ENC1 | ACI | ANALOG TO PULSE, RELAY OUTPUT, ENCL, POS OFF | ATP-R-V2-ENC1 | 1 | \$350.00 | 38\% | \$217.00 |
| ATP-Y-V1 | ACI | ANALOG TO PULSE, O-21 SEC, RELAY OUTPUT, YORK | ATP-Y-V1 | 1 | \$300.00 | 38\% | \$186.00 |
| ATP-Y-V1-ENC1 | ACI | ANALOG TO PULSE, O-21 SEC, RELAY OUTPUT, YORK, ENCL | ATP-Y-V1-ENC1 | 1 | \$350.00 | 38\% | \$217.00 |
| DRN3-1-0-1000 | ACI | ANALOG/PWM/FLTNG PT TO 0-1000 OHM RESIITANCE | DRN3-1-0-1000 | 1 | \$370.00 | 38\% | \$229.40 |
| DRN3-1-0-10K | ACI | ANALOG/PWM/LLTNG PT TO 0-10K OHM RESSITANCE | DRN3-1-0-10k | 1 | \$370.00 | 38\% | \$229.40 |
| DRN3-1-0-135 | ACI | ANALOG/PWM/FLTNG PT TO 0-135 OHM RESISTANCE | DRN3-1-0-135 | 1 | \$370.00 | 38\% | \$229.40 |
| DRN3-1-0-1500 | ACI | ANALOG/PWM/FLTNG PT TO 0-1500 OHM RESIITANCE | DRN3-1-0-1500 | 1 | \$370.00 | 38\% | \$229.40 |
| DRN3-1-0-20K | ACI | ANALOG/PWM/FLTNG PT TO 0 -20K OHM RESISTANCE | DRN3-1-0-20K | 1 | \$370.00 | 38\% | \$229.40 |
| DRN3-1-0-270 | ACI | ANALOG/PWM/FLTNG PT TO $0-270$ OHM RESSISTANCE | DRN3-1-0-270 | 1 | \$370.00 | 38\% | \$229.40 |
| DRN3-1-0-2K | ACI | ANALOG/PWM/FLTNG PT TO 0-2k OHM RESIITANCE | DRN3-10-2K | 1 | \$370.00 | 38\% | \$229.40 |
| DRN3-1-0-3K | ACI | ANALOG/PWM/FLTNG PT TO 0-3k OHM RESISTANCE | DRN3-1-0-3K | 1 | \$370.00 | 38\% | \$229.40 |
| DRN3-1-0-40K | ACI | ANALOG/PWM/FLTNG PT TO 0-40K OHM RESSISTANCE | DRN3-1-0-40K | 1 | \$370.00 | 38\% | \$229.40 |
| DRN3-10-4K | ACI | ANALOG/PWM/FLTNG PT TO 0-4K OHM RESIITANCE | DRN3-10-4k | 1 | \$370.00 | 38\% | \$229.40 |
| DRN3-1-0-500 | ACI | ANALOG/PWM/FLTNG PT TO 0-500 OHM RESIITANCE | DRN3-1-0-500 | 1 | \$370.00 | 38\% | \$229.40 |
| DRN3-1-0-5K | ACI | ANALOG/PWM/FLTNG PT TO 0 -SK OHM RESIITANCE | DRN3-10-5K | 1 | \$370.00 | 38\% | \$229.40 |
| EPC | ACI | ANALOG TO PNEUMATIC W/FEEDBACK/41 SCIM BLEED | EPC | 1 | \$224.00 | 38\% | \$138.88 |
| EPC2 | ACI | ANALOG TO PNEU/W/FDBK/750 SCIM SUPPLY/EXHAUST | EPC2 | 1 | \$267.00 | 38\% | \$165.54 |
| EPC2FS | ACI | ANALOG TO PNEU/W/FEEDBACK/FALLSAFE/750 SCIM S/E | EPC2FS | 1 | \$327.00 | 38\% | \$202.74 |
| EPC2G | ACI | ANALOG TO PNEU/W/FEEDBACK/750 SCIM S/E/GAUGE | EPC2G | 1 | \$287.00 | 38\% | \$177.94 |
| EPC26B | ACI | ANALOG TO PNEU/W/BRKT/FDBK/750 SCIM S///GAUGE | EPC26B | 1 | \$308.00 | 38\% | \$190.96 |
| EPC2GFS | ACI | ANALOG TO PNEU/W/FDBK/FAILSAFE//50 Scim S/E/GUAGE | EPC2GFS | 1 | \$346.00 | 38\% | \$214.52 |
| EPC2GFSB | ACI | ANALOG TO PNEU/W/BRACKET/FDBK/FALISAFE/GAUGE | EPC26FSB | 1 | \$378.00 | 38\% | \$234.36 |
| EPC2LG | ACI | ANALOG TO PNEU/W/FDB//HIFLOW 1400 SCIM S/E/GAUGE | EPC2LG | 1 | \$278.00 | 38\% | \$172.36 |
| EPCG | ACI | ANALOG TO PNEUMATIC W/FDBK/41 SCIM BLEED/GAUGE | EPCG | 1 | \$244.00 | 38\% | \$151.28 |
| PXP0. 3 | ACI | analog to pneumatic output/no bleed | PXP0. 3 | 1 | \$199.00 | 38\% | \$123.38 |
| PXP0. 36 | ACI | ANALOG TO PNEUMATIC OUTPUT/NO BLEED/GAUGE | PXP0.3G | 1 | \$218.00 | 38\% | \$135.16 |
| PXP1.3 | ACI | ANALOG TO PNEUMATIC/73 SCIM BLEED TYPE | PXP1.3 | 1 | \$199.00 | 38\% | \$123.38 |
| PXP1.3G | ACI | analog to pneumatic/73 Scim bleed type/Gauge | PXP1.3G | 1 | \$218.00 | 38\% | \$135.16 |
| PXP100 | ACI | ANALOG TO PNEUMATIC ( 0 -100PSI) OUTPUT | PXP100 | 1 | \$532.00 | 38\% | \$329.84 |
| PXP2.3 | ACI | ANALOG TO PNEUMATC/750 SCIM SUPPLY/EXHAUST | PXP2.3 | 1 | \$248.00 | 38\% | \$153.76 |
| PXP2.3FS | ACI | ANALOG TO PNEUMATIC/FAILSAFE/750 SCIM S/E | PXP2.3FS | 1 | \$340.00 | 38\% | \$210.80 |
| PXP2.3G | ACI | ANALOG TO PNEUMATIC/750 SCIM S/E/GAUGE | PXP2.36 | 1 | \$267.00 | 38\% | \$165.54 |
| PXP2.3GFS | ACI | ANALOG TO PNEUMATIC/FAILSAFE/750 SCIM S/E/GAUGE | PXP2.3GFS | 1 | \$359.00 | 38\% | \$222.58 |
| PXP2.316 | ACI | ANALOG TO PNEUMATIC/HIGH FLOW 1400 SCIM/GAUGE | PXP2.3LG | 1 | \$280.00 | 38\% | \$173.60 |
| PXP5. 3 | ACI | ANALOG TO PNEUMATIC/14 SCIM BLEED TYPE | PXP5.3 | 1 | \$199.00 | 38\% | \$123.38 |
| PXP5. 36 | ACI | ANALOG TO PNEUMATIC/14 SCIM BLEED TYPE/GAUGE | PXP5.3G | 1 | \$218.00 | 38\% | \$135.16 |
| PXP7. 3 | ACI | ANALOG TO PNEUMATIC/41 SCIM BLEED TYPE | PXP7.3 | 1 | \$199.00 | 38\% | \$123.38 |
| PXP7. 36 | ACI | ANALOG TO PNEUMATIC/41 SCIM BLEED TYPE/GAUGE | PXP7.36 | 1 | \$218.00 | 38\% | \$135.16 |
| 5/8WASHER | ACTVE BOLT AND SCREW | 5/8in FLAT WASHER ZINC PLATED | 5/8WASHER | 1 | \$0.43 | 38\% | \$0.27 |
| CM-FCK | AERIONICS, INC. | CALBRATION KIT | CMS-FCK | 1 | \$1,062.62 | 38\% | \$658.82 |
| См6 | AERIONICS, inc. | CO DETECTOR W/4-2OMA \& 2 SELECTABLE RELAYS | СМ6 | 1 | \$977.00 | 38\% | \$605.74 |
| CME-FCK-C | AERTIONICS, inc. | CAL KIT, 17 L 50 AND 200 PPM IN AIR CO | CME-FCK | 1 | \$1,691.22 | 38\% | \$1,048.56 |
| CME1-FTG | AERIoNICS, Inc. | TEST HOOD | CM-6-CH | 1 | \$67.62 | 38\% | \$41.92 |
| RD3DB | aic wireless | 3DB RUBBER duck antenna | +RD3DB | 1 | \$45.00 | 38\% | \$27.90 |
| wBt900-k | AIC WIRELESS | WIRELESS BACNET MSTP TRANS 900 MHZ ANT IS NOT INCL | +WBT900 | 1 | \$759.28 | 38\% | \$470.75 |
| 3DB BASE | aic wireless | 3Db base station, omni-directional antenna | 3DB base | 1 | \$376.00 | 38\% | \$233.12 |
| 3DB LOW PROFILE | AIC Wireless | 3DB LOW PROFLLE OMNI-DIRECTTONAL ANTENNA | 3DB LOW PROFILE | 1 | \$240.16 | 38\% | \$148.90 |
| 6DB BASE | AIC WIRELESS | 6DB BASE STATION, OMNI-DIRECTIONAL ANTENNA | 6DB BASE | 1 | \$490.00 | 38\% | \$303.80 |
| 8RPSMAPLUG | AIC WIRELESS | BIN CABLE W/ RPSMA JACK | 8RPSMAPLUG | 1 | \$48.00 | 38\% | \$29.76 |
| AICST9003 | aic wireless | RUBBER DUCK ANTENNA FOR wLDgoo/wLT900 | AIC-ST9003 | 1 | \$52.00 | 38\% | \$32.24 |
| AIC11AW | AIC WIRELESS | ANTENNA, 9DB Yagi | AIC11aw | 1 | \$250.17 | 38\% | \$155.11 |
| AIC12.5P | aic wireless | antenna, 12.5DBI Panel antenna | AIC12.5P | 1 | \$239.00 | 38\% | \$148.18 |
| AIC15AW | AIC WIRELESS | ANTENNA, 13DB YAGI | AIC15aw | 1 | \$257.00 | 38\% | \$159.34 |
| AIC900-E-1-KIT | AIC WIRELESS | AIC900-E, RD3DB | KELE KIT | 1 | \$653.98 | 38\% | \$405.47 |
| AIC900-E-10-KIT | AIC Wireless | AIC900-E, CC 3, AIC15AW | KELE KIT | 1 | \$826.08 | 38\% | \$512.17 |
| AIC900-E-12-KIT | AIC WIRELESS | AIC900-E, CC 3 , AIC12.5P | KELE KIT | 1 | \$811.46 | 38\% | \$503.11 |
| AIC900-E--13-KIT | AIC WIRELESS | AIC900-E, CC 3, 3DB LOW PROFILE | KELE KIT | 1 | \$786.44 | 38\% | \$487.59 |
| AIC900-E-14-KIT | aic wireless | AIC900-E, CC 3, 3DB BASE | KELE Kit | 1 | \$900.42 | 38\% | \$558.26 |
| AIC900-E-15-kIT | AIC Wireless | AIC900-E, CC 3, 6DB BASE | KELE KIT | 1 | \$975.39 | 38\% | \$604.74 |
| AIC900-E-16-KIT | AIC Wireless | AIC900-E, CC 1, LMR600-15, AIC11AW | KELE KIT | 1 | \$977.49 | 38\% | \$606.04 |
| AIC900-E-17-KIT | AIC Wireless | AIC900-E, CC 1, LMR600-15, AIC15AW | KELE KIT | 1 | \$1,014.41 | 38\% | \$628.93 |
| AIC900-E-19-KIT | AIC Wireless | AIC900-E, CC 1, LMR600-15, AIC12.5P | KELE KIT | 1 | \$999.80 | 38\% | \$619.88 |
| AIC900-E---KIT | AIC WIRELESS | AIC900-E, CC 1, CC 2, AIC11AW | KELE KIT | 1 | \$852.35 | 38\% | \$528.46 |
| AIC900-E-20-KIT | aic wireless | AIC900-E, CC 1, LMR600-15, 3DB LOW Profile | KELE Kit | 1 | \$974.76 | 38\% | \$604.35 |
| AIC900-E-21-KIT | aic wireless | AIC900-E, CC 1, LMR600-15, 3DB BASE | KELE KIT | 1 | \$1,088.76 | 38\% | \$675.03 |
| AIC900-E-22-KIT | AIC WIRELESS | AIC900-E, CC 1, LMR600-15, 6DB BASE | KELE KIT | 1 | \$1,163.72 | 38\% | \$721.51 |
| AIC900-E-23-kTT | aic wireless | AIC900-E, CC 1, LMR600-30, AIC11AW | KELE Kit | 1 | \$1,032.01 | 38\% | \$639.85 |
| AIC900-E-24-KIT | AIC WIRELESS | AIC900-E, CC 1, LMR600-30, AIC15AW | KELE KIT | 1 | \$1,068.94 | 38\% | \$662.74 |
| AIC900-E-26-KIT | AIC WIRELESS | AIC900-E, CC 1, LMR600-30, AIC12.5P | KELE KIT | 1 | \$1,054.31 | 38\% | \$653.67 |
| AIC900-E-27-KIT | AIC WIRELESS | AIC900-E, CC 1, LMR600-30, 3DB LOW Profile | KELE KIT | 1 | \$1,029.28 | 38\% | \$638.15 |
| AIC900-E-28-KIT | AIC WIRELESS | AIC900-E, CC 1, LMR600-30, 3DB BASE | KELE KIT | 1 | \$1,143.28 | 38\% | \$708.83 |
| AIC900-E--29-KIT | AIC WIRELESS | AIC900-E, CC 1, LMR600-30, 6DB BASE | KELE KIT | 1 | \$1,218.24 | 38\% | \$755.31 |
| AIc900-E-3-kIT | AIC WIRELESS | AIC900-E, CC 1, CC 2, AIC15AW | KELE KIT | 1 | \$889.27 | 38\% | \$551.35 |
| AIC900-E-30-KIT | AIC WIRELESS | AIC900-E, CC 1,WPENCL100804, CC 2, AIC11AW | KELE KIT | 1 | \$977.24 | 38\% | \$605.89 |

The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Instlled], Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integra
products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain prols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned distalation, systems integration, or maintenace of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs owers, water fountains, water heaters hot water tanks, garbage disposal
2. General Ductwork, Piping, etc. shall not be obtained on these contracts.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely us
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted Installed], Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integra
products by the authorized user.
4. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, Fir. etc.) to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated platforms/systems.
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems ingratio, or maintenare of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs owers, water fountains, water heaters hot water tanks, garbage disposa
2. General Ductwork, Piping, etc. shall not be obtained on these contracts.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
A. Audio-Video equipment or systems (eg. smart boards projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely us
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

|  |  |  |  | $\begin{gathered} \text { "Warranty Period - \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54 \text { " } \end{gathered}$ | List Price | \% Disount | NvS Nel Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| WBT900-IP-38-KIT | AIC Wireless | WBT900-IP, CC 1,WPENCL100819, LMR600-15, AIC15AW | KELE KIT | 1 | \$1,139.31 | 38\% | \$706.37 |
| WBT900-IP-40-KIT | AIC Wireless | WBT900-PP, CC 1,WPENCL100821, LMR600-15, AIC12.5P | KELE KIT | 1 | \$1,124.69 | 38\% | \$697.31 |
| WBT900-IP-41-KIT | AIC Wireless | WBT900-IP, CC 1,WPENCL100822, LMR600-15, 3DB LP | KELE KIT | 1 | \$1,099.66 | 38\% | \$681.79 |
| WBT900-IP-42-KIT | AIC WIRELESS | WBT900-IP, CC 1,WPENCL100823, LMR600-15, 3DB BASE | KELE KIT | 1 | \$1,213.65 | 38\% | \$752.46 |
| WBT900-IP-43-KIT | aic wireless | WBT900-IP, CC 1,WPENCL100824, LMR600-15, 6DB BASE | KELE Kit | 1 | \$1,288.61 | 38\% | \$798.94 |
| WBT900-IP-44-KTT | AIC WIRELESS | WBT900-IP, CC 1,WPENCL100825, LMR600-30, AIC11AW | KELE KIT | 1 | \$1,156.90 | 38\% | \$717.28 |
| WBT900-IP-45-KIT | AIC Wireless | WBT900-IP, CC 1,WPENCL100826, LMR600-30, AIC15AW | KELE KIT | 1 | \$1,193.83 | 38\% | \$740.17 |
| WBT900-IP-47-KIT | AIC Wireless | WBT900-IP, CC 1,WPENCL100828, LMR600-30, AIC12.5P | KELE KIT | 1 | \$1,179.21 | 38\% | \$731.11 |
| WBT900-IP-48-KIT | aic wireless | WBT900-IP, C C 1,WPENCL100829, LMR600-30, 3DB LP | KELE KIT | 1 | \$1,154.17 | 38\% | \$715.59 |
| WBT900-IP-49-KIT | AIC Wireless | WBT900-IP, CC 1,WPENCL100830, LMR600-30, 3DB BASE | KELE Kit | 1 | \$1,268.17 | 38\% | \$786.27 |
| WBT900-PP-5-KIT | aic wireless | WBT900-IP, CC 1, CC 2, AIC12.5P | KELE KIT | 1 | \$874.65 | 38\% | \$542.28 |
| WBT900-IP-50-KIT | AIC WIRELESS | WBT900--IP, CC 1,WPENCL100831, LMR600-30, 6DB BASE | KELE KIT | 1 | \$1,343.13 | 38\% | \$832.74 |
| WBT900-PP-51 | AIC Wireless | WBT900-IP, CC 3,WPENCL100808, 3DB LP | KELE BOM | 1 | \$1,082.33 | 38\% | \$671.04 |
| WвT900-IP-6-KIT | aic wireless | WBT900-IP, CC 1, CC 2, 3DB LOW PROFILE | KELE KIT | 1 | \$849.63 | 38\% | \$526.77 |
| WвT900-IP-7-KIT | AIC WIRELESS | WBT900-IP, CC 1, CC 2, 3DB BASE | KELE KIT | 1 | \$963.61 | 38\% | \$597.44 |
| Wвт900-IP-8-kIT | Aic wireless | WBT900-IP, CC 1, CC 2, 6DB BASE | KELE Kit | 1 | \$1,038.58 | 38\% | \$643.92 |
| Wвт900-IP-9-кіт | aic wireless | WBT900-IP, CC 3, AIC11AW | KELE Kit | 1 | \$789.16 | 38\% | \$489.28 |
| WBT900-IP-K | AIC WIRELESS | WIRELESS BACNET IP TRANS 900 MHz , Ant is not incl | WBT900-IP | 1 | \$641.47 | 38\% | \$397.71 |
| WBT900-K | AIC WIRELESS | WIRELLSSS BACNET MSTP TRANS 900 MHZ ANT IS NOT INCL | wвт900 | 1 | \$759.28 | 38\% | \$470.75 |
| WLT900-1-KIT | aic wireless | WLT900, RD3DB | KELE Kit | 1 | \$1,256.00 | 38\% | \$788.72 |
| WLT900-10-KIT | AIC Wireless | WLT900, CC 3, AIC15AW | KELE KIT | 1 | \$1,512.00 | 38\% | \$937.44 |
| WLT900-12-KIT | AIC WIRELESS | WLT900, CC 3, AIC12.5P | KELE KIT | 1 | \$1,490.00 | 38\% | \$923.80 |
| WLT900-13-кाT | aic wireless | WLT900, CC 3, 3DB LOW Profile | KELE Kit | 1 | \$1,453.00 | 38\% | \$900.86 |
| WLT900-14-kIT | AIC WIRELESS | WLT900, CC 3, 3DB BASE | KELE Kit | 1 | \$1,622.00 | 38\% | \$1,005.64 |
| WLT900-15-kाT | AIC WIRELESS | WLT900, CC 3, 6DB BASE | KELE KIT | 1 | \$1,734.00 | 38\% | \$1,075.08 |
| WLT900-16-kIT | aic wireless | WLT900, CC 1, LMR600-15, AIC11AW | KELE Kit | 1 | \$1,737.00 | 38\% | \$1,076.94 |
| WLT900-17-kIT | AIC WIRELESS | WLT900, CC 1, LMR600-15, AIC15AW | KELE Kit | 1 | \$1,792.00 | 38\% | \$1,111.04 |
| WLT900-19-KIT | AIC Wireless | WLT900, CC 1, LMR600-15, AIC12.5P | KELE KIT | 1 | \$1,770.00 | 38\% | \$1,097.40 |
| WLT900-2-kIT | AIC Wireless | WLT900, CC 1, CC 2, AIC11AW | KELE KIT | 1 | \$1,551.00 | 38\% | \$961.62 |
| WLT900-20-KIT | AIC WIRELESS | WLT900, CC 1, LMR600-15, 3DB LOW PROFILE | KELE KIT | 1 | \$1,733.00 | 38\% | \$1,074.46 |
| WLT900-21-KाT | AIC WIRELESS | WLT900, CC 1, LMR600-15, 3DB BASE | KELE Kit | 1 | \$1,902.00 | 38\% | \$1,179.24 |
| WLT900-22-KIT | aic wireless | WLT900, CC 1, LMR600-15, 6DB BASE | KELE KIT | 1 | \$2,013.00 | 38\% | \$1,248.06 |
| WLT900-23-kIT | AIC WIRELESS | WLT900, CC 1, LmR600-30, AIC11AW | KELE KIT | 1 | \$1,818.00 | 38\% | \$1,127.16 |
| WLT900-24-kIT | AIC WIRELESS | WLT900, CC 1, LmR600-30, AIC15AW | KELE Kit | 1 | \$1,873.00 | 38\% | \$1,161.26 |
| WLT900-26-KIT | AIC Wireless | WLT900, CC 1, LMR600-30, AIC12.5P | KELE KIT | 1 | \$1,851.00 | 38\% | \$1,147.62 |
| WLT900-27-KIT | AIC WIRELESS | WLT900, CC 1, LMR600-30, 3DB LOW PROFILE | KELE KIT | 1 | \$1,814.00 | 38\% | \$1,124.68 |
| WLT900-28-KIT | AIC WIRELESS | WLT900, CC 1, LMR600-30, 3DB BASE | KELE KIT | 1 | \$1,983.00 | 38\% | \$1,229.46 |
| WLT900-29-кाт | aic wireless | WLT900, CC 1, LMR600-30, 6DB BASE | KELE Kit | 1 | \$2,094.00 | 38\% | \$1,298.28 |
| WLT900-3-kIT | AIC Wireless | WLT990, CC 1, CC 2, AIC15AW | KELE KIT | 1 | \$1,606.00 | 38\% | \$995.72 |
| WLT900-30-KIT | AIC WIRELESS | WLT900, CC 1,WPENCL100804, CC 2, AIC11AW | KELE KIT | 1 | \$1,736.00 | 38\% | \$1,076.32 |
| WLT900-31-KाT | aic wireless | WLT900, CC 1,WPENCLL100805, CC 2, AIC15AW | KELE Kit | 1 | \$1,791.00 | 38\% | \$1,110.42 |
| WLT900-33-KIT | AIC Wireless | WLT900, CC 1,WPENCL100807, CC 2, AIC12.5P | KELE KIT | 1 | \$1,769.00 | 38\% | \$1,096.78 |
| WLT900-34-KIT | AIC Wireless | WLT900, CC 1,WPENCL100808, CC 2, 3DB LOW PROFILE | KELE KIT | 1 | \$1,732.00 | 38\% | \$1,073.84 |
| WLT900-35-kIT | aic wireless | WLT900, CC 1,WPENCL100809, CC 2, 3DB BASE | KELE Kit | 1 | \$1,902.00 | 38\% | \$1,179.24 |
| WLT900-36-KIT | AIC WIRELESS | WLT900, CC 1,WPENCL100810, CC 2, 6DB BASE | KELE Kit | 1 | \$2,013.00 | 38\% | \$1,248.06 |
| WLT900-37-kाT | AIC Wireless | WLT900, CC 1,WPENCL100818, LMR600-15, AIC11AW | KELE KIT | 1 | \$1,922.00 | 38\% | \$1,191.64 |
| WLT900-38-KIT | aic wireless | WLT900, CC 1,WPENCL100819, LMR600-15, AIC15AW | KELE KIT | 1 | \$1,977.00 | 38\% | \$1,225.74 |
| WLT900-40-кIT | aic wireless | WLT900, CC 1,WPENCL100821, LMR600-15, AIC12.5P | KELE KIT | 1 | \$1,955.00 | 38\% | \$1,212.10 |
| WLT900-41-KIT | AIC Wireless | WLT990, CC 1,WPENCL100822, LMR600-15, 3DB LP | KELE KIT | 1 | \$1,918.00 | 38\% | \$1,189.16 |
| WLT900-42-KIT | AIC Wireless | WLT900, CC 1,WPENCL100823, LIR $600-15$, 3DB BASE | KELE KIT | 1 | \$2,088.00 | 38\% | \$1,294.56 |
| WLT900-43-KIT | AIC WIRELESS | WLT900, CC 1,WPENCL100824, LMR600-15, 6DB BASE | KELE KIT | 1 | \$2,199.00 | 38\% | \$1,363.38 |
| WLT900-44-кाт | AIC WIRELESS | WLT900, CC 1,WPENCL100825, LMR600-30, AIC11AW | KELE Kit | 1 | \$2,003.00 | 38\% | \$1,241.86 |
| WLT900-45-kाT | AIC Wireless | WLT900, CC 1,WPENCL100826, LMR600-30, AIC15AW | KELE Kit | 1 | \$2,058.00 | 38\% | \$1,275.96 |
| WLT900-47-kIT | AIC WIRELESS | WLT900, CC 1,WPENCL100828, LMR600-30, AIC12.5P | KELE Kit | 1 | \$2,036.00 | 38\% | \$1,262.32 |
| WLT900-48-kIT | aic wireless | WLT900, CC 1,WPENCL100829, LMR600-30, 3DB LP | KELE KIT | 1 | \$1,999.00 | 38\% | \$1,239.38 |
| WLT900-49-кाт | aic wireless | WLT900, CC 1,WPENCL100830, LMR600-30, 3DB BASE | KELE Kit | 1 | \$2,169.00 | 38\% | \$1,344.78 |
| WLT900-5-kIT | AIC WIRELESS | WLT900, CC 1, CC 2, AIC12.5P | KELE KIT | 1 | \$1,584.00 | 38\% | \$982.08 |
| WLT900-50-kाT | AIC WIRELESS | WLT900, CC 1,WPENCL100831, LMR600-30, 6DB BASE | KELE KIT | 1 | \$2,280.00 | 38\% | \$1,413.60 |
| WLT900-51 | aic wireless | WLT900, CC 3,WPENCL100808, 3DB LOW PROFILE | kELE BOM | 1 | \$1,919.00 | 38\% | \$1,189.78 |
| WLT900-6-kIT | AIC Wireless | WLT900, CC 1, CC 2, 3DB LOW PROFLLE | KELE Kit | 1 | \$1,547.00 | 38\% | \$959.14 |
| WLT900-7--KIT | AIC WIRELESS | WLT900, CC 1, CC 2, 3DB BASE | KELE KIT | 1 | \$1,716.00 | 38\% | \$1,063.92 |
| WLT900-8-к⿺𠃊 | aic wireless | WLT900, CC 1, CC 2, 6DB BASE | KELE Kit | 1 | \$1,827.00 | 38\% | \$1,132.74 |
| WLT900-9-кाT | AIC WIRLLESS | WLT900, CC 3, AIC11AW | KELE KIT | 1 | \$1,457.00 | 38\% | \$903.34 |
| WLT900-K | AIC Wireless | WIRELLESS LONWORKS TRANS 900 MHZ , ANT IS NOT INCL | WLT900 | 1 | \$1,244.00 | 38\% | \$771.28 |
| WmT900 | AIC Wireless | WIRELESS MODBUS TRANSCEIVER 900 MHz | wmT900 | 1 | \$1,505.00 | 38\% | \$933.10 |
| WPENCL100804 | AIC WIRELESS | 10X8X4 NEMA 4X, ENCL WITH HINGED CLEAR LID | KELE KIT | 1 | \$203.72 | 38\% | \$126.31 |
| FXP-10 | AIR CONCEPTS | 10 AIR flow sensing | R10 | 1 | \$35.00 | 38\% | \$21.70 |
| FXP-12 | AIR CONCEPTS | 12 AIR flow Sensing | R12 | 1 | \$35.60 | 38\% | \$22.07 |
| FXP-14 | AIR CONCEPTS | 14 AIR flow sensing | R14 | 1 | \$56.44 | 38\% | \$34.99 |
| FXP-16 | AIR CONCEPTS | 16 AIR FLOW SENSING | R16 | 1 | \$57.10 | 38\% | \$35.40 |
| FXP-18 | AIR CONCEPTS | 18 AIR flow sensing | L18 | 1 | \$62.08 | 38\% | \$38.49 |
| FXP-20 | AIR CONCEPTS | 20 air flow sensing | L20 | 1 | \$67.06 | 38\% | \$41.58 |
| FXP-22 | AIR CONCEPTS | 22 AIR flow sensing | L22 | 1 | \$200.00 | 38\% | \$124.00 |
| FXP-24 | AIR CONCEPTS | 24 AIR flow sensing | L24 | 1 | \$68.72 | 38\% | \$42.61 |
| FXP-26 | AIR CONCEPTS | 26 AIR flow sensing | L26 | 1 | \$73.70 | 38\% | \$45.69 |
| FXP-28 | AIR CONCEPTS | 28 AIR flow sensing | L28 | 1 | \$219.00 | 38\% | \$135.78 |
| FXP-30 | AIR CONCEPTS | 30 AIR flow sensing | L30 | 1 | \$75.36 | 38\% | \$46.72 |
| FXP-32 | AIR CONCEPTS | 32 AIR flow sensing | L32 | 1 | \$80.34 | 38\% | \$49.81 |
| FXP-34 | AIR CONCEPTS | 34in Air flow sensor | L34 | 1 | \$239.00 | 38\% | \$148.18 |
| FXP-36 | AIR CONCEPTS | 36 AIR flow sensing | L36 | 1 | \$82.00 | 38\% | \$50.84 |
| FXP-38 | AIR CONCEPTS | 38 AIR flow sensing | L38 | 1 | \$257.00 | 38\% | \$159.34 |
| FXP-4 | AIR CONCEPTS | 4 Air flow sensing | R4 | 1 | \$101.00 | 38\% | \$62.62 |
| FXP-40 | AIR CONCEPTS | 40 air flow sensing | L40 | 1 | \$257.00 | 38\% | \$159.34 |
| FXP-42 | AIR CONCEPTS | 42IN AIR FLOW SENSOR | L42 | 1 | \$277.00 | 38\% | \$171.74 |
| FxP-44 | AIR CONCEPTS | 44IN AIR FLOW SENSOR | L44 | 1 | \$280.00 | 38\% | \$173.60 |
| FXP-46 | AIR CONCEPTS | 46in air flow sensor | L46 | 1 | \$280.00 | 38\% | \$173.60 |
| FxP-48 | AIR CONCEPTS | 48 AIR flow sensing | L48 | 1 | \$87.98 | 38\% | \$54.55 |
| FXP-5 | AIR CONCEPTS | 5 AIR flow sensing | R5 | 1 | \$100.00 | 38\% | \$62.00 |
| FXP-6 | AIR CONCEPTS | 6 AIr flow sensing | R6 | 1 | \$34.20 | 38\% | \$21.20 |
| FxP-7 | AIR CONCEPTS | 7 Air flow sensing | R7 | 1 | \$104.00 | 38\% | \$64.48 |
| FXP-8 | AIR CONCEPTS | 8 AIR flow sensing | R8 | 1 | \$34.86 | 38\% | \$21.61 |
| F701-038E | AIr draulics engineering co | F701 MICRO FILTER | F701-03W3R | 1 | \$441.00 | 38\% | \$273.42 |
| F602-f701 | AIR draulics engineering co | dual filter Ass 3/8 in | F602-03WGR/F701-03W3PT | 1 | \$554.00 | 38\% | \$343.48 |
| D11-04W | AIR draulics engineering co | TANK dRain | D11-04W | 1 | \$270.00 | 38\% | \$167.40 |
| EKF10VY | AIR draulics engineering co | 5 Micron Element | EK602VY | 1 | \$31.00 | 38\% | \$19.22 |
| B12-03WGB | AIR draulics engineering co | Filter regulator assy | B12-03WGB | 1 | \$311.00 | 38\% | \$192.82 |
| EKF10VY | AIr draulics engineering co | 5 MICRON ELEMENT | EKF10VY | 1 | \$31.00 | 38\% | \$19.22 |
| R119-02C | AIR dRAULICS ENGINEERING CO | PNEU REG 0 TO 16 SCFM CAP | R19-02C | 1 | \$182.00 | 38\% | \$112.84 |
| R119-04C | AIR dRAULICS ENGINEERING Co | Pressure regulator $1 / 2 \mathrm{IN}$ | R119-04C | 1 | \$210.00 | 38\% | \$130.20 |
| R119-03C | AIR dRAULICS ENGINEERING CO | PRESSURE REGULATOR 3/8in | R19-03C | 1 | \$188.00 | 38\% | \$116.56 |
| 51-226AB6600 | AIR LIQUIDE AMERICA SPECIALT | brass regulator for 17 LTter CYLINDERS | 51-226AB6600 | 1 | \$871.97 | 38\% | \$540.62 |
| R-3710-2005 | AIR LOGIC | RESTRICTOR, 005 | F-2815-050-885 | 1 | \$13.00 | 38\% | \$8.06 |
| ${ }^{\text {R-3710-2007 }}$ | AIR LOGIC | . 007 RESTRICTOR W/ 1/4in BARB | F-2815-071-885 | 1 | \$12.00 | 38\% | \$7.44 |
| CT1000-115VAC | Air Test Techonologies, Inc. | SINGLE GAS CONTROLLER, 115VAC | CT1000-115VAC | 1 | \$652.00 | 38\% | \$404.24 |
| CT1000-24VAC | Air Test Techonologies, Inc. | SINGLE GAS CONTROLLER, 24 VAC | CT1000-24VAC | 1 | \$652.00 | 38\% | \$404.24 |

The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [InC Equipment. Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (MA), and/or other similar device, which utilize certain cols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
ef Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
B. Audio-Video equirment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
A. To communicat fire or health and safety emergencies directly and solely
B. To identify an individual(s)' location in the event of a fire or emergency.

| Wodel Mumber | Manuracturer | al Deseriploon | Code | $\begin{array}{\|c} \text { "Warranty Period - \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54 \text { " } \end{array}$ | Lis Price | \% Disoont | Ws Nat Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CT1000-24VAC-SS-832 | Air Test Techonologies, Inc. | Refrigerant sensor/Controller, 24VAC | CT1000-24VAC-SS-832 | 1 | \$836.00 | 38\% | \$518.32 |
| CT100024VTR2COK | Air Test Techonologies, Inc. | ELECTROCHEMICAL LO SENSOR/CONTROLLER, 24VAC | CT1000-24VAC-TR2000-CO | 1 | \$1,132.41 | 38\% | \$702.09 |
| CT1000-SS-24VAC-CO | Air Test Techonologies, Inc. | SOLID STATE CO SENSOR/CONTROLLER, 24VAC | CT1000-SS-24VAC-CO | 1 | \$707.00 | 38\% | \$438.34 |
| CT1000-SS-115VAC-CO | Air Test Techonologies, Inc. | SOLD STATE CO SENSOR/CONTROLLER 115VAC | CT1000-SS-115VAC-co | 1 | \$707.00 | 38\% | \$438.34 |
| Ст100115VTR2COK | Air Test Techonologies, Inc. | ELECTROCHEMICAL CO SENSOR/CONTROLLER, 115VAC | CT1000-115VAC-TR2000-co | 1 | \$1,132.41 | 38\% | \$702.09 |
| CT2100115CONO2K | Air Test Techonologies, Inc. | CO \& NO2 CONTROLEE, 115VAC | CT2100-115V-TR2000-TR3210-NO2 | 1 | \$2,428.76 | 38\% | \$1,505.83 |
| CT210024CONO2K | Air Test Techonologies, Inc. | CO2 \& NO2 CONTROLLER, 24VAC | CT2100-44VAC-TR2000-TR3210-N02 | 1 | \$2,569.27 | 38\% | \$1,592.95 |
| PT9250 | Air Test Techonologies, Inc. | handheld cor/temperature monitor with dataloging | PT9250 | 1 | \$2,005.00 | 38\% | \$1,243.10 |
| TR2000 | Air Test Techonologies, Inc. | CO TRANSMITTER, 4-20 MA WALL MOUN 200 PPM, 4-20 MA | TR2000 | 1 | \$529.00 | 38\% | \$327.98 |
| TR2000-LON | Air Test Techonologies, Inc. | CO TRANSMITTER, LONWORKS | TR2000-LON | 1 | \$799.00 | 38\% | \$495.38 |
| TR3210-02 | Air Test Techonologies, Inc. | 02 TRANSMITTER, 4-20 MA: WaLL MOUNT, 0-25\% RANGE | TR3210-02 | 1 | \$735.00 | 38\% | \$455.70 |
| TR3210-NO2 | Air Test Techonologies, Inc. | NO2 TRANSMITTER, 4-20 MA WAL MOUNT 0-10 PPM RANGE | TR3210-NO2 | 1 | \$835.00 | 38\% | \$517.70 |
| TR3210-NO2-LON | Air Test Techonologies, Inc. | NO2 TRANSMITTER, LONWORKS | TR3210-NO2-LON | 1 | \$1,162.00 | 38\% | \$720.44 |
| TR3210-02-LON | Air Test Techonologies, Inc. | OXYGEN (02) TRANSMITTER, LONWORKS | TR3210-O2-LON | 1 | \$1,125.00 | 38\% | \$697.50 |
| TR9291-A | Air Test Techonologies, Inc. | IN-DUCT CO2 SENSOR 2000 PPM 24 VVAC DUAL OUT | TR9291-A | 1 | \$467.00 | 38\% | \$289.54 |
| TR9291-B | Air Test Techonologies, Inc. | IN-DUCT CO2 SENSOR 2000 PPM 24 UVAC DUAL OUT | TR9291-B | 1 | \$499.00 | 38\% | \$278.38 |
| TR9292-A | Air Test Techonologies, Inc. | DUCT ASP PROBE CO2 TRANS 2000 PPM 24 VAC dUAL OUT | TR9292-A | 1 | \$556.00 | 38\% | \$344.72 |
| TR9292-A-L | Air Test Techonologies, Inc. | DUCT ASP PROBE CO2 TRANS 2000 PPM 24VAC W/DISPLAY | TR9292-A-L | 1 | \$597.00 | 38\% | \$370.14 |
| TR9292-B | Air Test Techonologies, Inc. | duct Asp probe CO2 TRANS 2000 PPM $24 V A C$ dUAL OUT | TR9292-B | 1 | \$556.00 | 38\% | \$344.72 |
| TR9292-B-L | Air Test Techonologies, Inc. | DUCT ASP PROBE CO2 TRANS 2000 PPM 24 VACC W/DISPLAY | TR9292-B-L | 1 | \$597.00 | 38\% | \$370.14 |
| TR9292-L-LON | Air Test Techonologies, Inc. | DUCT ASP PROBE CO2 TRANS 2000 PPM 24VAC, LONWORKS | TR9292-L-LON | 1 | \$872.00 | 38\% | \$540.64 |
| TR9292-LON | Air Test Techonologies, Inc. | DUCT ASP PROBE CO2 TRANS 2000 PPM 24VAC LONWORKS | TR9292-LON | 1 | \$824.00 | 38\% | \$510.88 |
| TR9293-A | Air Test Techonologies, Inc. | WALL SPLASH RESIITANT CO2 TRANS 2000 PPM 24 VAC | TR9293-A | 1 | \$576.00 | 38\% | \$357.12 |
| TR9293-A-L | Air Test Techonologies, Inc. | WALL SPLASH RESISTANT CO2 TRANS 2000 PPM W/DISPLAY | TR9293-A-L | 1 | \$619.00 | 38\% | \$383.78 |
| TR9293-B | Air Test Techonologies, Inc. | WALL SPLASH RESISTANT CO2 TRANS 2000 PPM 24VAC | TR9293-B | 1 | \$576.00 | 38\% | \$357.12 |
| TR9293-B-L | Air Test Techonologies, Inc. | WALL SPLASH RESISTANT CO2 TRANS 2000 PPM W/DISPLAY | TR9293-B-L | 1 | \$619.00 | 38\% | \$383.78 |
| TR9293-L-LON | Air Test Techonologies, Inc. | WALL SPLSH RESIITANT CO2 TRANS 24 VAC W/DISPLAY LON | TR9293-L-LON | 1 | \$891.00 | 38\% | \$552.42 |
| TR9293-LON | Air Test Techonologies, Inc. | WALL SPLASH RESSITANT CO2 TRANS 2000 PPM $24 V A C$ Lon | TR9293-LON | 1 | \$843.00 | 38\% | \$522.66 |
| TR9294-A | Air Test Techonologies, Inc. | WALL CO2 TRANSMITTER 2000 PPM 24 VVAC dual OUT | TR9294-A | 1 | \$454.00 | 38\% | \$281.48 |
| TR9294-A-L | Air Test Techonologies, Inc. | WALL CO2 TRANS W/DISPLAY 2000 PPM $24 V$ VAC DUAL OUT | TR9294-A-L | 1 | \$493.00 | 38\% | \$305.66 |
| TR9294-B | Air Test Techonologies, Inc. | WALL CO2 TRANSMITTER 2000 PPM 24 VVAC DUAL OUT | TR9294-B | 1 | \$454.00 | 38\% | \$281.48 |
| TR9294-B-L | Air Test Techonologies, Inc. | WALL CO2 TRANS W/DISPLAY 2000 PPM $24 V$ AC DUAL OUT | TR9294-B-L | 1 | \$493.00 | 38\% | \$355.66 |
| TR9294-L-LON | Air Test Techonologies, Inc. | WALL CO2 TRANSMITTER W/DISPLAY 2000 PPM 24 VAC LON | TR9294-L-CN | 1 | \$78.00 | 38\% | \$482.36 |
| TR9294-LON | Air Test Techonologies, Inc. | WALL CO2 TRANSMITTER 2000 PPM 24 VAC LON | TR9294-LON | 1 | \$741.00 | 38\% | \$459.42 |
| AXJ12126H1C2M2 | AKRON FOUNDRY CO. (QUOTE\# : | :12X12X6 $\times$ PROOF ENCL $23 / 4$ CONDUIT | AXJ12126H1C2M2 | 1 | \$4,195.43 | 38\% | \$2,601.17 |
| AXJ12126H1CM2N1 | AKRON FOUNDRY CO. (QUOTE\# : | :12X12X6 X PROOF ENCL $23 / 4 \mathrm{IN}$ CONDUIT BACKPLATE | AXJ12126H1CM2N1 | 1 | \$4,484.45 | 38\% | \$2,780.36 |
| AXJ12186H21C2M2 | AKRON FOUNDRY CO. (QUOTE\# : | : $12 \times 188 \mathrm{X} 6 \times \mathrm{PROOF}$ ENCL $23 / 4$ CONDUIT | AX112186H1C2M2 | 1 | \$6,322.15 | 38\% | \$3,919.73 |
| AXJ12186H2CM2N1 | AKRON FOUNDRY CO. (QUOTE\# : | : $12 \times 186 \times$ PROOF ENCL 2 3/4IN CONDUIT BACKPLATE | AXJ12186H1CM2N1 | 1 | \$7,202.47 | 38\% | \$4,465.53 |
| AXJ18248H2C2M2 | AKRON FOUNDRY CO. (QUOTE\# : | : $18 \times 24 \times 8 \times$ PROOF ENCL $23 / 4$ CONDUIT | AX118248H1C2M2 | 1 | \$15,262.61 | 38\% | \$9,462.82 |
| AX18248H2CM2N1 | AKRON FOUNDRY CO. (QUOTE\# : | : $18 \times 24 \times 8 \times$ PROOF ENCL $23 / 4 \mathrm{IN}$ CONDUTT BACKPLATE | AXJ18248H1CM2N1 | 1 | \$16,450.87 | 38\% | \$10,199.54 |
| AXJ664H1C2M2 | AKRON FOUNDRY CO. (QUOTE\# : | :6x6x4 P PROOF ENCL 2 3/4IN CONDUIT | AXJ664H1N1N4 | 1 | \$1,631.31 | 38\% | \$1,011.41 |
| AXJ664H1C2M2N1 | AKRON FOUNDRY CO. (QUOTE\# : | : $6 \times 66 \times 4 \times$ PROOF ENCL 2 3/4IN CONDUIT BACKPLATE | AXJ664H1C2M2N1 | 1 | \$1,826.38 | 38\% | \$1,132.36 |
| AX1886H1C2M2 | AKRON FOUNDRY CO. (QUOTE\# : | :888X6 X PROOF ENCL $23 / 4$ CONDUTT | AX3886H1C2M2 | 1 | \$2,525.10 | 38\% | \$1,565.56 |
| AXJ886H1C2M2N1 | AKRON FOUNDRY CO. (QUOTE\# : | :8x8x6 x PROOF ENCL 2 3/4in Conduit backplate | AXJ886H1C2M2N1 | 1 | \$2,729.22 | 38\% | \$1,692.12 |
| XJatG11C2M2 | AKRON FOUNDRY CO. (QUOTE\# : | : $12 \times 12 \times 6 \times$ PROOF BOX 2 3/4IN CONDUIT WINDOW | XJatg11C2M2 | 1 | \$5,423.03 | 38\% | \$3,362.28 |
| XJatG11C2M2N1 | AKRON FOUNDRY CO. (QUOTE\# : | : $12 \times 12 \times 6 \times$ PROOF BOX WINDOW BACKPLATE | XJatG11C2M2N1 | 1 | \$6,209.99 | 38\% | \$3,850.19 |
| XJatG14C2M2 | AKRON FOUNDRY CO. (QUOTE\# : | :7X9X4 x PROOF BOX 2 3/4in Conduit window | xjatg14C2m2 | 1 | \$2,813.77 | 38\% | \$1,744.54 |
| XJatG14C2M2N1 | AKRON FOUNDRY CO. (QUOTE\# : | :7X9x4 X PROOF BOX WINDOW BACKPLATE | XJatG14C2M2N1 | 1 | \$3,375.49 | 38\% | \$2,092.80 |
| XJatG2C2M2 | AKRON FOUNDRY CO. (QUOTE\# : | : $6 \times 6 \times 4 \times$ Proof box 2 3/4in Conduit window | XJatg2czan | 1 | \$1,644.75 | 38\% | \$1,019.75 |
| XJATG2C2M2N1 | AKRON FOUNDRY CO. (QUOTE\# : | : $6 \times 6 \times 4 \times$ Proof Box window backlate | XJatG2C2M2N1 | 1 | \$2,074.62 | 38\% | \$1,286.26 |
| XJatsilczm2 | AKRON FOUNDRY CO. (QUOTE\# : | :12X12X6 X PROOF BOX 2 3/4in Conduit | XJatsi1c2m2 | 1 | \$3,061.24 | 38\% | \$1,897.97 |
| XJatsi1C2M2N1 | AKRON FOUNDRY CO. (QUOTE\# : | : $12 \times 12 \times 6 \times$ PROOF BOX BACKPLATE | XJatsi1c2m2N1 | 1 | \$3,632.85 | 38\% | \$2,252.37 |
| XJatS14C2M2 | AKRON FOUNDRY CO. (QUOTE\# : | :7X9X4 $\times$ PROOF BOX 2 3/4IN CONDUIT | XJatsi4czm2 | 1 | \$1,456.70 | 38\% | \$903.15 |
| XJats14C2M2N1 | AKRON FOUNDRY CO. (QUOTE\# : | :7X944 X PROOF BOX $23 / 4 \mathrm{ITN}$ CONDUIT BACKPLATE | XJats14C2M2N1 | 1 | \$1,602.17 | 38\% | \$993.35 |
| XJats2C2M2 | AKRON FOUNDRY CO. (QUOTE\# : | : $6 \times 6 \times 4 \times$ P PROOF BOX $23 / 4 \mathrm{IN}$ CONDUIT | XJats 2 C2M2 | 1 | \$879.45 | 38\% | \$545.26 |
| XJATS2C2M2N1 | AKRON FOUNDRY CO. (QUOTE\# : | :6x6x4 X PROOF BOX 2 3/4IN CONDUTT BACKPLATE | XJATS2C2M2N1 | 1 | \$1,018.83 | 38\% | \$631.67 |
|  | 3491 ALLIED ELECTRONICS | STANDOFF; \#6-32 $\times 1 / 4$ DIA. 22 LngTH; RND ALUMINUM | 839-0836; KEYSTONE \#3491 | 1 | \$3.62 | 38\% | \$2.24 |
| 1051029-0001 | allied electronics | ZB MARKING STRIP; MARKED 1-10 VERTICALY; 6 mm | 809-0552 | 1 | \$9.10 | 38\% | \$5.64 |
| 1051029-0011 | allied Electronics | ZB MARKING STRIP; MARKED 11-20 VERTICALLY; 6 mm | 809-0553 | 1 | \$8.50 | 38\% | \$5.27 |
| 1051029-0221 | allied Electronics | zB MARKING STRIP; MARKED 21-30 VERTICALY; 6mm | 809-0554 | 1 | \$8.50 | 38\% | \$5.27 |
| RB08-PC | allied electronics | AMPHENOL-8-600V 8 PIN SOCKET | 587-0040 | 1 | \$23.00 | 38\% | \$14.26 |
| C320kG3 | allied electronics | aUX CONTACT KIT/1N.O. \& 1n.C. | 416-0520 | 1 | \$58.00 | 38\% | \$35.96 |
| M-106 | allstates rubber \& Tool | 3/16in RUBBER SEALING CAP(pak 100) | 1235-A60 | 1 | \$19.14 | 38\% | \$11.87 |
| M-107 | ALLSTATES RUBBER \& TOOL | 1/4in RUBBER SEALING CAP (pak of 100) | 1873-A60 | 1 | \$32.00 | 38\% | \$19.84 |
| AIS-120A | ALTECH CORP. | 120VAC ALRM IND/SILENCE STATION | KELE BOM | 1 | \$251.12 | 38\% | \$155.69 |
| AIS-12VD | ALTECH CORP. | 12VDC ALRM IND/SILENCE STATION | KELE BOM | 1 | \$251.80 | 38\% | \$156.12 |
| AIS-24A | ALTECH CORP. | 24VAC ALARM IND/SILENCE STATION | KELE BOM | 1 | \$250.98 | 38\% | \$155.61 |
| AIS-24D | ALTECH CORP. | 24VDC ALARM Ind/Silnce station | KELE BOM | 1 | \$251.50 | 38\% | \$155.93 |
| HK-1 | ALTECH CORP. | TK HINGE SET FOR TK77-TK1313 | 190-002 | 1 | \$11.99 | 38\% | \$7.43 |
| HK2 | ALTECH CORP. | HINGE KIT FOR 1811-3625 | 190-005 | 1 | \$19.39 | 38\% | \$12.02 |
| PC1811 | ALTECH CORP. | NON-METAL GR/K0 7.09x4.33X3.54 | 125-406 | 1 | \$80.75 | 38\% | \$50.07 |
| PC1818-9-0 | ALTECH CORP. | TKSERIES NONMETALIC ENCLOSURES | 120-407 | 1 | \$103.77 | 38\% | \$64.34 |
| PC2518-T | ALTECH CORP. | TKSERIES NONMETALIC ENClOSURES | 135-008 | 1 | \$135.40 | 38\% | \$83.95 |
| PC99-6-T | ALTECH CORP. | NON-METAL TR/KO 3.7X3.7×2.24 | 135-003 | 1 | \$35.56 | 38\% | \$22.05 |
| PS1111-7 | ALTECH CORP. | NON-METAL GR/KO $4.33 \times 4.33 \times 2.6$ | 115-404 | 1 | \$32.55 | 38\% | \$20.18 |
| PS1111-7-TO | ALTECH CORP. | NON-METAL TR/SM-4.33X4.33x2.6 | ${ }^{111-004}$ | 1 | \$36.97 | 38\% | \$22.92 |
| PS111-9 | ALTECH CORP. | NON-METAL GR/KO-4.33x4.33x3.54 | 115-904 | 1 | \$35.30 | 38\% | \$21.89 |
| PS1313-7 | ALTECH CORP. | NON-METAL GR/KO $5.12 \times 5.12 \times 2.95$ | 115-405 | 1 | \$34.93 | 38\% | \$21.66 |
| PS1313-7-T | ALTECH CORP. | BOX WITH TRANSPARENT COVER \& KNOCKOUTS | 116-005 | 1 | \$43.64 | 38\% | \$27.06 |
| PS1313-7-TO | ALTECH CORP. | NON-METAL TR/SM $5.12 \times 5.12 \times 2.95$ | 111-005 | 1 | \$44.73 | 38\% | \$27.73 |
| PS1811-9 | ALTECH CORP. | NON-METAL GR/KO-4.33x7. $09 \times 3.54$ | 115-406 | 1 | \$47.47 | 38\% | \$29.43 |
| PS1811-9-T | ALTECH CORP. | NON-METAL TR/KO-4.33x7.09x3.54 | 116-006 | 1 | \$59.57 | 38\% | \$36.93 |
| PS1811-TO | ALTECH CORP. | NON-METAL TR/SM 4.33x7.0933.54 | 111-006 | 1 | \$59.57 | 38\% | \$36.93 |
| PS1818-9 | ALTECH CORP. | NoN-METAL GR/K0 7.09x7.09x3.54 | 115-407 | 1 | \$55.44 | 38\% | \$34.37 |
| PS1818-9-T | ALTECH CORP. | NON-METAL TR/KO 7.17X7.0933.54 | 116-007 | 1 | \$76.06 | 38\% | \$47.16 |
| PS2518-9 | ALTECH CORP. | NON-METAL GR/KO 10.0X7.09x3.54 | 115-408 | 1 | \$72.42 | 38\% | \$44.90 |
| PS2518-9-0 | ALTECH CORP. | NON-METAL GR/SM 10x7.09X3.54 | 110-408 | 1 | \$85.98 | 38\% | \$53.31 |
| PS2518-9-T | ALTECH CORP. | NON-METAL TR/KO-10.0X7.09×3.54 | 116-008 | 1 | \$102.22 | 38\% | \$63.38 |
| PS99-6 | ALTECH CORP. | NON-METAL GR/K0-3.7X3.7X2.24 | 115-403 | 1 | \$23.83 | 38\% | \$14.77 |
| PS99-6-T | ALTECH CORP. | NON-METAL TR/KO 3.7X3.7X2.24 | 116-003 | 1 | \$27.42 | 38\% | \$17.00 |
| TK1111 | ALTECH CORP. | TK FITTING PLATE 3.5433.54in | 195-004 | 1 | \$12.85 | 38\% | \$7.97 |
| TK1313 | ALTECH CORP. | $110 \times 110 \mathrm{Mm}$ TK FITTING PLATE | 195-005 | 1 | \$18.69 | 38\% | \$11.59 |
| TK1811 | ALTECH CORP. | TK FITIING PLATE 5.91×3.54 | 195-006 | 1 | \$15.17 | 38\% | \$9.41 |
| TK1818 | ALTECH CORP. | TK FITTING PLATE 5.911 5.91 | 195-007 | 1 | \$17.57 | 38\% | \$10.89 |
| TK2518 | ALTECH CORP. | TK FITTING PLATE 8.66x5.91 | 195-008 | 1 | \$23.74 | 38\% | \$14.72 |
| P11-9-0 | ALTECH CORP. | 4.25x4.25x3.5 PLASTIC ENCLOSURE FOR RST-X-1 | 110-904 | 1 | \$46.93 | 38\% | \$29.10 |
| 1 Cl 10 L | ALTECH CORP. | 10 AMP, 1 POLE, din MOUNTED, CIRCUIT BREAKER | 1 Cl 10 L | 1 | \$47.95 | 38\% | \$29.73 |
| 1 C 15 UL | ALTECH CORP. | 15 Amp, 1 POLE, din MOUNTED, CIRCUIT BREAKER | 1C15UL | 1 | \$47.95 | 38\% | \$29.73 |
| 1 CluL | ALTECH CORP. | 1 AMP, 1 POLE, DIN MOUNTED, CIRCUIT BREAKER | 1C1UL | 1 | \$47.95 | 38\% | \$29.73 |
| 1 C 20 L | ALTECH CORP. | 20 AMP, 1 POLE, DIN MOUNTED, CIRCUIT BREAKER | 1 1C2OUL | 1 | \$47.95 | 38\% | \$29.73 |
| 1 1225uL | ALTECH CORP. | 25 AMP, 1 POLE, DIN MOUNTED, CIRCUIT BREAKER | 1 C 25 UL | 1 | \$47.95 | 38\% | \$29.73 |
| 1 C 2 UL | ALTECH CORP. | 2 AMP, 1 POLE, DIN MOUNTED CIRCUIT BREAKER | 1C2UL | 1 | \$47.95 | 38\% | \$29.73 |
| 1 C 3 L | ALTECH CORP. | 3 AMP, 1 POLE, DIN MOUNTED, CIRCUIT BREAKER | 1 C 3 L | 1 | \$47.95 | 38\% | \$29.73 |
| $1 \mathrm{C4UL}$ | ALTECH CORP. | 4 AMP, 1 POLE, DIN MOUNTED, CIRCUIT BREAKER | $1 \mathrm{C4UL}$ | 1 | \$47.95 | 38\% | \$29.73 |
| 1 CSUL | ALTECH CORP. | 5 AMP, 1 POLE, DIN MOUNTED, CIRCUIT BREAKER | 1 CSUL | 1 | \$47.95 | 38\% | \$29.73 |

The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Eicroprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
. Itegrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mound HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforemention. Cis mainten

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs . wers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
. Factory Installed/Factory-Provided micro-processor--controlled included/controte I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' $\mathbf{l}$ location in the event of a fire or emergency.


The scope of this contract includes the following
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Inctled] Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pane platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installail, systems integration, or maintenace of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cabe (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, ec. to be purchased from these contracts for any other purposes, including, but not imited to
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

|  |  | oduct Code | arranty Period - \# of year(s) after ptance as required by Appendix B, |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 8210G34-24/60 | ASCO $1 / 2$ NPT SOL. VaLVE, NO, 24 VaC COIL | $821063424 / 60$ | $\frac{14 s e s}{1}$ | \$594.16 | 38\% | Vs Nat Price |
| 8210635-120/60 | ASCO $3 / 4$ NPT SOL. VaLVE, NO, 120 VAC coil | 8210G35 120/60 | 1 | \$594.16 | 38\% | \$368.38 |
| 8210G35-24/60 | ASCO $3 / 4 \mathrm{NPT}$ SOL. VALVE, NO, 24 VAC COIL | 8210635 24/60 | 1 | \$594.16 | 38\% | \$368.38 |
| 8210G4-120/60 | ASCO 1 NPT SOL. VALVE, NC, 120 VAC COIL | 821064 120/60 | 1 | \$591.58 | 38\% | \$366.78 |
| 821064-24/60 | ASCO 1 NPT SOL. VALLE, NC, 24 VAC Coil | 821064 24/60 | 1 | \$591.58 | 38\% | \$366.78 |
| 821068-120/60 | ASCO $11 / 4$ NPT SOL. VALVE, NC, 120 VAC Coil | 821068 120/60 | 1 | \$720.74 | 38\% | \$446.86 |
| 821068-24/60 | ASCO $11 / 4$ NPT SOL. VALVE, NC, 24 VAC Coil | 821068 24/60 | 1 | \$720.74 | 38\% | \$446.86 |
| 821069-120/60 | ASCO $3 / 4 \mathrm{NPT}$ SOL. VaLVE, NC, 120 VAC Coil | 821069 120/60 | 1 | \$338.41 | 38\% | \$209.81 |
| 821069-24/60 | ASCO 3/4 NPT SOL. VALVE, NC, 24 VAC COIL | 821069 24/60 | 1 | \$338.41 | 38\% | \$209.81 |
| 83166036-24VAC | ASCO 24VAC SOLenoid valve | 83160036-24VAC | 1 | \$1,893.56 | 38\% | \$1,174.01 |
| cc 0625N | ASEP HEAVY DUTY CABLE CLAMP 5/8in PKG25 | CC-5/8N-D | 1 | \$7.24 | 38\% | \$4.49 |
| CC 0750N | ASEP HEAVY DUTY CABLE CLAMP 3/4in PKG25 | CC-3/4N-D | 1 | \$8.80 | 38\% | \$5.46 |
| CC 0875N | ASEP HEAVY DUTY CABLE CLAMP 7/8in PKG25 | CC-7/8N-D | 1 | \$9.69 | 38\% | \$6.01 |
| CC 1250N | ASEP HEAVY DUTY CABLE CLAMP 1 1/4in PKG25 | CC-11/4N-D | 1 | \$15.23 | 38\% | \$9.44 |
| CC1500N | ASEP HEAVY DUTY CABLE CLAMP $11 / 2 \mathrm{Im}$ PKG25 | CC-11/2N-D | 1 | \$14.99 | 38\% | \$9.29 |
| CC-1N | ASEP HEAVY DUTY CABLE CLAMP 1in PKG25 | CC-1N-D | 1 | \$10.37 | 38\% | \$6.43 |
| FirD1614-187 | ASEP FUULY-INSUL.DISCONNECTS 16-14 PKG50 | FIIFD1614-187-L | 1 | \$30.15 | 38\% | \$18.69 |
| FirD1614-250 | ASEP FUULY-INSUL.DISCONNECTS 16-14 PKG50 | FIIFD1614-250-L | 1 | \$35.45 | 38\% | \$21.98 |
| FIFD2218-187 | ASEP FULY-INSUL.DISCONNECTS 22-18 TAB LNGTH . 187 PKG50 | FIFD2218-187-L | 1 | \$28.33 | 38\% | \$17.56 |
| FIFD2218-250 | ASEP $\quad$ FULlY-INSUL.DISCONNECTS $22-18$ TAB LNGTH . 250 PKG50 | FIIFD2218-250-L | 1 | \$30.16 | 38\% | \$18.70 |
| IDT400 | ASEP I.D. TIES 4.0in (PKG 50) | IT400-L | 1 | \$17.12 | 38\% | \$10.61 |
| IDT750 | ASEP I.D. TIES 7.5in (PKG 50) | [7750-L | 1 | \$15.83 | 38\% | \$9.81 |
| K1400PCT | ASEP 14.5in, NYLON CABLE TTES, PLENUM, BURGUNDY, PKG100 | AL-14-50-AH-35-C | 1 | \$228.38 | 38\% | \$141.60 |
| K750PCT | ASEP 7.5 Sin NYLON CABLE TIES, PLENUM, BURGUNDY, PKG100 | AL-07-50-AH-35-C | 1 | \$104.00 | 38\% | \$64.48 |
| NBS-1210 | ASEP BUTT SPLICES 12-10 PKG100 | NBS-1210-C | 1 | \$45.80 | 38\% | \$28.40 |
| NBS-1412 | ASEP BUTT SPLICES 14-12 PKG100 | NBS-1412-C | 1 | \$87.37 | 38\% | \$54.17 |
| NBS-1614 | ASEP BUTT SPLICES 16-14 PKG100 | NBS-1614-C | 1 | \$26.75 | 38\% | \$16.59 |
| NBS-2218 | ASEP BUTT SPLICES 22-18 PKG100 | NBS-2218-C | 1 | \$27.38 | 38\% | \$16.98 |
| NBS1412-8 | ASEP BLOCK SPADES 14-12 PKG100 | NBS1412-8-C | 1 | \$86.39 | 38\% | \$53.56 |
| NBS1614-4 |  | NBS1614-4-C | 1 | \$43.52 | 38\% | \$26.98 |
| NBS2218-4 |  | NBS2218-4-C | 1 | \$45.56 | 38\% | \$28.25 |
| NBS2218-8N |  | NBS2218-8N-C | 1 | \$61.26 | 38\% | \$37.98 |
| NFD1210-250 | ASEP FEMALE DISCONNECTS 12-10 PKG100 | NFD1210-250-C | 1 | \$63.46 | 38\% | \$39.35 |
| NFD1412-250 | ASEP FEMALE DISCONNECTS 14-12 PKG100 | NFD1412-250-C | 1 | \$63.44 | 38\% | \$39.33 |
| NFD1614-110 | ASEP FEMALE DISCONNECTS 16-14 PKG100 | NFD1614-110-C | 1 | \$53.41 | 38\% | \$33.11 |
| NFD1614-187 | ASEP FEMALE DISCONNECTS 16-14 PKG100 | NFD1614-187-C | 1 | \$60.53 | 38\% | \$37.53 |
| NFD1614-250 | ASEP FEMALE DISCONNECTS 16-14 PKG100 | NFD1614-250-C | 1 | \$49.67 | 38\% | \$30.80 |
| NFD2218-110 | ASEP FEMALE DISCONNECTS 22-18 PKG100 | NFD2218-110-C | 1 | \$49.12 | 38\% | \$30.45 |
| NFD2218-187 | ASEP FEMALE DISCONNECTS 22-18 PKG100 | NFD2218-187-C | 1 | \$48.54 | 38\% | \$30.09 |
| NFD2218-250 | ASEP FEMALE DISCONNECTS 22-18 PKG100 | NFD2218-250-C | 1 | \$45.70 | 38\% | \$28.33 |
| NPBFD1210-250 | ASEP PIGGYBACK DISCONNECTS 12-10 PkG50 | NPBFD1210-250-L | 1 | \$84.55 | 38\% | \$52.42 |
| NPBFD1614-250 | ASEP PIGGYBACK DISCONNECTS 16-14 PkG50 | NPBFD1614-250-L | 1 | \$28.57 | 38\% | \$17.71 |
| NPBFD2218-250 | ASEP PIGGYBACK DISCONNECTS 22-18 PKG50 | NPBFD2218-250-L | 1 | \$27.05 | 38\% | \$16.77 |
| NR1412-8N | ASEP RING 14-12 PKG100 | NR1412-8-C | 1 | \$108.02 | 38\% | \$66.97 |
| NR1614-8N | ASEP RING 16-14 PKG100 | NR1614-8N-C | 1 | \$50.99 | 38\% | \$31.61 |
| NR2218-8N | ASEP $\quad$ RING 22-18 PKG100 | NR2218-8N-C | 1 | \$52.00 | 38\% | \$32.24 |
| T800N-C | ASEP 8 IN WIRE TIE PKG100 | T800N-C | 1 | \$9.68 | 38\% | \$6.00 |
| IX3F4S100IwLXFM | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER $+/$ - 100 in WC $0.25 \%$ | IX3FO242ST100rwLXFM | 1 | \$2,657.57 | 38\% | \$1,647.69 |
| IX3F44100iwX ${ }^{\text {a }}$ | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER 100in WC 0.25\% | IX3FO242ST100:WXFM | 1 | \$2,657.57 | 38\% | \$1,647.69 |
| IX3F4S10TWLXFM | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER +/-10in WC 0.25\% | IX3FO242ST10IWLXFM | 1 | \$2,657.57 | 38\% | \$1,647.69 |
| IX3F4S10TWXFM | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER 10in WC 0.25\% | IX3F0242ST10IWXFM | 1 | \$2,657.57 | 38\% | \$1,647.69 |
| IX3F4S1501WXFM | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER 150in WC 0.25\% | IX3FO242ST150IWXFM | 1 | \$2,682.11 | 38\% | \$1,662.91 |
| IX3F4S151wLXFM | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER +/-15in WC 0.25\% | IX3FO242ST15IWLXFM | 1 | \$2,657.57 | 38\% | \$1,647.69 |
| IX3F4S151WXFM | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER 15in WC 0.25\% | IX3FO242ST15IWXFM | 1 | \$2,657.57 | 38\% | \$1,647.69 |
| IX3F4S11wLXFM | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER + - 1 in WC $0.25 \%$ | IX3FO242ST1IWLXFM | 1 | \$2,657.57 | 38\% | \$1,647.69 |
| IX3F4S11wxFM | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER 1in WC $0.25 \%$ | IX3FO242STIIWXFM | 1 | \$2,657.57 | 38\% | \$1,647.69 |
| IX3F45200iwXFM | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER 200in WC 0.25\% | IX3FO242ST200\%WXFM | 1 | \$2,682.11 | 38\% | \$1,662.91 |
| IX3F4520IWLXFM | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER +/- 20in WC 0.25\% | IX3FO242ST20IWLXFM | 1 | \$2,657.57 | 38\% | \$1,647.69 |
| IX3F4420IWXFM | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER 20in WC 0.25\% | IX3F0242ST20IWXFM | 1 | \$2,657.57 | 38\% | \$1,647.69 |
| IX3F4S25IWLXFM | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER +/- 2 2in WC 0.25\% | IX3F0242ST25IWLXFM | 1 | \$2,657.57 | 38\% | \$1,647.69 |
| IX3F4S251wXFM | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER 25in WC 0.25\% | IX3FO242ST25IWXFM | 1 | \$2,657.57 | 38\% | \$1,647.69 |
| IX3F452TWLXFM | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER + - 2 2in WC $0.25 \%$ | IX3FO242ST2IWLXFM | 1 | \$2,657.57 | 38\% | \$1,647.69 |
| IX3F452rwxFM | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER 2in WC $0.25 \%$ | IX3FO242ST2IWXFM | 1 | \$2,657.57 | 38\% | \$1,647.69 |
| IX3F452P5ITLXFM | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER + - 2.5 in WC $0.25 \%$ | IX3FO242ST2P5IWLXFM | 1 | \$2,657.57 | 38\% | \$1,647.69 |
| IX3F4S2P5IWXFM | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER 2.5in WC 0.25\% | IX3FO242ST2P5IWXFM | 1 | \$2,657.57 | 38\% | \$1,647.69 |
| IX3F4S3TWLXFM | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER +/- 3in WC 0.25\% | IX3F0242ST3IWLXFM | 1 | \$2,657.57 | 38\% | \$1,647.69 |
| IX3F4533WXFM | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER 3in WC 0.25\% | IX3F0242ST3IWXFM | 1 | \$2,657.57 | 38\% | \$1,647.69 |
| IX3F45501WLXFM | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER +/-50in WC 0.25\% | IX3FO242ST50IWLXFM | 1 | \$2,657.57 | 38\% | \$1,647.69 |
| IX3F4550iwx ${ }^{\text {a }}$ | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER 50in WC 0.25\% | IX3F0242ST50iwXFM | 1 | \$2,657.57 | 38\% | \$1,647.69 |
| IX3F455IWLXFM | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER +/-5in WC $0.25 \%$ | IX3FO242STSIWLXFM | 1 | \$2,657.57 | 38\% | \$1,647.69 |
| IX3F455IWXFM | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER 5in WC 0.25\% | IX3F0242ST5IWXFM | 1 | \$2,657.57 | 38\% | \$1,647.69 |
| IX3F4SP05IWLXFM | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER + +- 0 . 0 in WC $0.25 \%$ | IX3FO242STP05IWLXFM | 1 | \$2,969.32 | 38\% | \$1,840.98 |
| IX3F4SP1IWLXFM | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER +/- . lin WC $0.25 \%$ | IX3FO242STPIIWLLEM | 1 | \$2,840.76 | 38\% | \$1,761.27 |
| IX3F4SP1iwx ${ }^{\text {a }}$ | ASHCROFT, INC.formerly Dresser DP TRANSMITTER . 1 in WC 0.25\% | IX3FO242STP1iwXFM | 1 | \$2,969.32 | 38\% | \$1,840.98 |
| IX3F4SP25IWLXFM | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER + +- 2 25in WC $0.25 \%$ | IX3F0242STP25IWLXFM | 1 | \$2,750.74 | 38\% | \$1,705.46 |
| IX3F4SP25IWXFM | ASHCROFT, INC.-formerly Dresse DP TRANSMITTER . 25 in WC $0.25 \%$ | IX3FO242STP25wxFM | 1 | \$2,840.76 | 38\% | \$1,761.27 |
| IX3F4SP2TWLXFM | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER +/-.2in WC 0.25\% | IX3FO242STPIWLXFM | 1 | \$2,750.74 | 38\% | \$1,705.46 |
| IX3F4SP5IWLXFM | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER +1-. 5 in WC 0.25\% | IX3FO242STPSIWLLEM | 1 | \$2,657.57 | 38\% | \$1,647.69 |
| IX3F4SP5IWXFM | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER . 5 in WC 0.25\% | IX3F0242STP5IWXFM | 1 | \$2,750.74 | 38\% | \$1,705.46 |
| IX5F45100IWLXFM | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER +/- 100in WC 0.5\% | IX5FO242ST100TWLXFM | 1 | \$2,020.51 | 38\% | \$1,252.72 |
| IX5F45100iwXFM | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER 100in WC 0.5\% | IX5FO242ST100\%WXFM | 1 | \$2,020.51 | 38\% | \$1,252.72 |
| IX5F4S10IWLxFM | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER +/-10in WC 0.5\% | IX5FO242ST10IWLXFM | 1 | \$2,020.51 | 38\% | \$1,252.72 |
| IX5F4S10imXFM | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER 10in WC 0.5\% | IX5FO242ST10iWXFM | 1 | \$2,020.51 | 38\% | \$1,252.72 |
| IX5F44150iwx ${ }^{\text {a }}$ | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER 150in WC 0.5\% | IX5FO242ST150iWXFM | 1 | \$2,020.51 | 38\% | \$1,252.72 |
| ${ }^{\text {IX5F4S }}$ 1515LXFM | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER +/-15in WC 0.5\% | IX5FO242ST15IWLLEM | 1 | \$2,020.51 | 38\% | \$1,252.72 |
| IX5F4S151wXFM | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER 15in WC 0.5\% | IX5FO242ST15IWXFM | 1 | \$2,020.51 | 38\% | \$1,252.72 |
| IX5F4S11TLXFM | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER +/- 1 in WC 0.5\% | IX5FO242STIIWLXFM | 1 | \$2,020.51 | 38\% | \$1,252.72 |
| IX5F4SIIWXFM | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER 1in WC 0.5\% | IX5FO242STIIWXFM | 1 | \$2,020.51 | 38\% | \$1,252.72 |
| IX5F45200iwXFM | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER 200in WC 0.5\% | IX5FO242ST200TWXFM | 1 | \$2,020.51 | 38\% | \$1,252.72 |
| IX5F4520rwLXFM | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER + - 20 in WC $0.5 \%$ | IX5FO242ST20IWLXFM | 1 | \$2,020.51 | 38\% | \$1,252.72 |
| IX5F4420iwx ${ }^{\text {a }}$ | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER 20in WC 0.5\% | IX5FO242ST20iwXFM | 1 | \$2,020.51 | 38\% | \$1,252.72 |
| IX5F4525IWLXFM | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER + - 2 2in WC 0.5\% | IX5FO242ST25IWLXFM | 1 | \$2,020.51 | 38\% | \$1,252.72 |
| IX5F4S25IWXFM | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER 25in WC 0.5\% | IX5F0242ST25IWXFM | 1 | \$2,020.51 | 38\% | \$1,252.72 |
| IX5F4S2TWLXFM | ASHCROFT, INC.-formerly Dressel DP TRANSMITTER +/- 2in WC 0.5\% | IX5FO242ST2IWLXFM | 1 | \$2,020.51 | 38\% | \$1,252.72 |
| IX5FFSS21WXFM | ASHCROFT, INC.-formerly Dessee DP TRANSMITTER 2in WC 0.5\% | IX5FO242ST2IWXFM | 1 | \$2,020.51 | 38\% | \$1,252.72 |
| IX5F452P5IWLXFM | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER +/- 2.5 in WC $0.5 \%$ | IX5FO242ST2P5IWLXFM | 1 | \$2,020.51 | 38\% | \$1,252.72 |
| IX5F452P5IWXFM | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER 2.5in WC 0.5\% | IX5FO242ST2P51wxFM | 1 | \$2,020.51 | 38\% | \$1,252.72 |
| IX5F4S31WLXFM | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER +/- 3in WC 0.5\% | IX5FO242ST3IWLXFM | 1 | \$2,020.51 | 38\% | \$1,252.72 |
| IX5F45501wLXFM | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER +/-50in WC 0.5\% | IX5FO242ST50IWLXFM | 1 | \$2,020.51 | 38\% | \$1,252.72 |
| IX5F4550IWXFM | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER 50in WC 0.5\% | IX5FO242ST50IWXFM | 1 | \$2,020.51 | 38\% | \$1,252.72 |
| IX5F4S5IWLXPM | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER +/- 5 in WC 0.5\% | IX5FO242STSIWLXFM | 1 | \$2,020.51 | 38\% | \$1,252.72 |
| IX5FF455iwxFM | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER 5in WC 0.5\% | IX5FO242ST5IWXFM | 1 | \$2,020.51 | 38\% | \$1,252.72 |
| ${ }^{\text {IX5FF4SPOSTWLXFM }}$ | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER +/- . 0 Sin WC 0.5\% | IX5FO242STP05IWLXFM | 1 | \$2,335.00 | 38\% | \$1,447.70 |
| IX5F4SP1wLXFM | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER $+/$ - . 1 in WC $0.5 \%$ | IX5FO242STPIIWLXFM | 1 | \$2,205.26 | 38\% | \$1,367.26 |
| 1X5F4SP1WXFM | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER .1in WC 0.5\% | IX5F0242STPIIWXFM | 1 | \$2,335.00 | 38\% | \$1,447.70 |

The scope of this contract includes the following
Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Inctled] Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor entrolled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
e) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenance of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtub .
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose IT, Telecommumications, Networking Cabling, Fiber Optics (e.g. phone, pbx, digital centrex, digital key systems, television, cable, T-Line, general broadband,
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc.).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' $\mathbf{l}$ location in the event of a fire or emergency.

|  |  |  | $\begin{gathered} \text { "Warranty Period }- \text { \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54^{"} \end{gathered}$ | Lsit Pice | \% Disoount | Nvs Nel Picice |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1X5F4SP21WLXFM | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER +/- .2in WC 0.5\% | IX5FO242STP2IWLXFM | 1 | \$2,114.54 | 38\% | \$1,311.01 |
| 1X5F4SP5IWLXFM | ASHCROFT, INC.-formerly Dessee DP TRANSMITTER +/- . 5 in WC $0.5 \%$ | IX5FO242STP5IWLXFM | 1 | \$2,020.51 | 38\% | \$1,252.72 |
| IX5F4SP5IWXFM | ASHCROFT, INC.-formerly Dresser DP TRANSMITTER . 5 in WC 0.5\% | IX5FO242STP5IWXFM | 1 | \$2,114.54 | 38\% | \$1,311.01 |
| K15M0142F2100X | ASHCROFT, INC.-formerly Dresser I.S. PRESSURE 0-100PSI 4-20MA | K15M0142F2--10-XFM | 1 | \$1,625.85 | 38\% | \$1,008.03 |
| K15M0142F2200x | ASHCROFT, INC.-formerly Dresser I.S. PRESSURE 0-200PSI 4-20MA | K15M0142F2-20-XFM | 1 | \$1,571.66 | 38\% | \$974.43 |
| K15M0142F23KX | ASHCROFT, INC.-formerly Dresser I.S. PRESSURE 0-3000PSI 4-20MA | K15M0142F2-3000-XFM | 1 | \$1,625.85 | 38\% | \$1,008.03 |
| K15M0142F2500 | ASHCROFT, INC.-formerly Dresser I.S. PRESSURE 0-500PSI 4-20MA | K15M0142F2-500-XFM | 1 | \$1,625.85 | 38\% | \$1,008.03 |
| 101A213-01 | ASHCROFT, INC.-formerly Dresser Conduit/Plenum Kit for CXLdp | 101A213-01 | 1 | \$27.49 | 38\% | \$17.04 |
| 25W1007PH011-R134A | ASHCROFT, INC.-formerly Dresser ReFRIGERATION GAUGE, R-134A | 25W1007PH01LR134A | 1 | \$32.97 | 38\% | \$20.44 |
| CX4MB24225IWXRH | ASHCROFT, INC.-formerly Dresser CX4MB24225IWXRH | CX4MB24225IWXRH | 1 | \$631.83 | 38\% | \$391.73 |
| CX8F014210]m | ASHCROFT, INC.-formerly Dresse DPT, $0.8 \%, 4-20 \mathrm{~mA}, 0-10 \mathrm{in}$ | CX8F014210IW | 1 | \$323.61 | 38\% | \$200.64 |
| CX8F0142101WL | ASHCROFT, INC.-formerly Dresser DPT, $0.8 \%, 4-20 \mathrm{~mA},+$-10in | CX8F014210IWL | 1 | \$323.62 | 38\% | \$200.64 |
| Cx8F0142151w | ASHCROFT, INC.-formerly Dresser DPT, $0.8 \%, 4-20 \mathrm{~mA},+$-15in | CX8F0142151w | 1 | \$323.62 | 38\% | \$200.64 |
| CX8F014211\% | ASHCROFT, INC.-formerly Dresser DPT, $0.8 \%, 4-20 \mathrm{~mA}, 0-1 \mathrm{in}$ | CX8F014211\% | 1 | \$323.62 | 38\% | \$200.64 |
| CX8F01421IWL | ASHCROFT, INC.-formerly Dresse DPT, $0.8 \%, 4-20 \mathrm{~mA},+$-1in | CX8F01421IWL | 1 | \$323.62 | 38\% | \$200.64 |
| CX8F014225Iw | ASHCROFT, INC.-formerly Dresser DPT, $0.8 \%, 4-20 \mathrm{~mA}, 0-25 \mathrm{in}$ | CX8F014225IW | 1 | \$323.62 | 38\% | \$200.64 |
| CX8F014222w | ASHCROFT, INC.formerly Dresser DPT, $0.8 \%, 4-20 \mathrm{~mA}, 0$-2in | CX8F014222w | 1 | \$323.62 | 38\% | \$200.64 |
| CX8F01422IWL | ASHCROFT, INC.-formerly Dresser DPT, $0.8 \%, 4-20 \mathrm{~mA},+/-2 \mathrm{in}$ | CX8F01422IWL | 1 | \$323.62 | 38\% | \$200.64 |
| CX8F01422P5IW | ASHCROFT, INC.-formerly Dresser DPT, $0.8 \%, 4-20 \mathrm{~mA}, 0-2.2$ Sin | CX8F01422P5Iw | 1 | \$323.62 | 38\% | \$200.64 |
| Cx8F01423Iw | ASHCROFT, INC.-formerly Dresser DPT, $0.8 \%, 4-20 \mathrm{~mA}, 0-3 \mathrm{in}$ | CX8F01423IW | 1 | \$388.20 | 38\% | \$191.08 |
| CX8F01425IW | ASHCROFT, INC.-formerly Dresse DPT, $0.8 \%, 4-20 \mathrm{~mA}, 0-5$ in | CX8F01425IW | 1 | \$323.62 | 38\% | \$200.64 |
| CX8F01425IWL | ASHCROFT, INC.-formerly Dresser DPT, $0.8 \%, 4-20 \mathrm{~mA},+/$-5in | CX8F01425IWL | 1 | \$323.62 | 38\% | \$200.64 |
| Cx8F0142P1TW | ASHCROFT, INC.-formerly Dresser DPT, $0.8 \%, 4-20 \mathrm{~mA}, 0-0.1 \mathrm{in}$ | CX8F0142PIIW | 1 | \$323.62 | 38\% | \$200.64 |
| CX8F0142P25IW | ASHCROFT, INC.-formerly Dresser DPT, $0.8 \%, 4-20 \mathrm{~mA}, 0-0.25 \mathrm{Sin}$ | CX8F0142P25Iw | 1 | \$323.62 | 38\% | \$200.64 |
| CX8F0142P25IWL | ASHCROFT, INC.-formerly Dressel DPT, $0.8 \%, 4-20 \mathrm{~mA},+-0.25$ in | CX8F0142P25IWL | 1 | \$318.99 | 38\% | \$197.77 |
| CX8F0142P5Iw | ASHCROFT, INC.-formerly Dresser DPT, $0.8 \%, 4-42 \mathrm{~mA}, 0-0.0$.in | CX8F0142P5IW | 1 | \$388.20 | 38\% | \$191.08 |
| CX8F0142P5IWL | ASHCROFT, INC.-formerly Dresser DPT, $0.8 \%, 4-20 \mathrm{~mA},+1-0.5 \mathrm{Sin}$ | CX8F0142P5IWL | 1 | \$323.62 | 38\% | \$200.64 |
| CX8F0142P75IW | ASHCROFT, INC.-formerly Dresser DPT, $0.8 \%, 4-20 \mathrm{~mA}, 0-0.75 \mathrm{~m}$ | CX8F0142P75IW | 1 | \$323.62 | 38\% | \$200.64 |
| CX8MB24210TW | ASHCROFT, INC.-formerly Dresser DPT, $0.8 \%, 4-20 \mathrm{~mA}, 0-10 \mathrm{in}$ | CX8MB24210TW | 1 | \$323.62 | 38\% | \$200.64 |
| CX8MB24210TWL | ASHCROFT, INC.-formerly Dresser DPT, $0.8 \%, 4-20 \mathrm{~mA},+$-10in | CX8MB24210TWL | 1 | \$323.61 | 38\% | \$200.64 |
| CX8MB242151 | ASHCROFT, INC.-formerly Dresser DPT, $0.8 \%, 4-20 \mathrm{~mA},+$-15in | CX8MB242151w | 1 | \$323.62 | 38\% | \$200.64 |
| Сх8MB2421] | ASHCROFT, INC.-formerly Dresse DPT, $0.8 \%, 4-20 \mathrm{~mA}, 0-1 \mathrm{in}$ | Сх8мв2421] | 1 | \$388.20 | 38\% | \$191.08 |
| CX8MB2421TWL | ASHCROFT, INC.-formerly Dresser DPT, $0.8 \%, 4-20 \mathrm{~mA},+$-1in | CX8MB2421IWL | 1 | \$323.62 | 38\% | \$200.64 |
| CX8MB24225IW | ASHCROFT, INC.-formerly Dresser DPT, $0.8 \%, 4-20 \mathrm{~mA}, 0-25 \mathrm{in}$ | CX8MB24225IW | 1 | \$323.62 | 38\% | \$200.64 |
| CX8MB2422IW | ASHCROFT, INC.-formerly Dressel DPT, $0.8 \%, 4-2 \mathrm{~mA}, 0-2 \mathrm{in}$ | CX8MB2422IW | 1 | \$338.20 | 38\% | \$191.08 |
| CX8MB2422TWL | ASHCROFT, INC.-formerly Desser DPT, $0.8 \%, 4-20 \mathrm{~mA},+$-2in | CX8MB2422IWL | 1 | \$323.62 | 38\% | \$200.64 |
| CX8MB2422P5iw | ASHCROFT, INC.-formerly Dresser DPT, $0.8 \%, 4-20 \mathrm{~mA}, 0-2.2$ Sin | CX8MB2422P5iw | 1 | \$323.62 | 38\% | \$200.64 |
| сх8мв2423iw | ASHCROFT, INC.-formerly Dresser DPT, $0.8 \%, 4-20 \mathrm{~mA}, 0-3 \mathrm{in}$ | сх8мв2423iw | 1 | \$318.99 | 38\% | \$197.77 |
| CX8MB24251 | ASHCROFT, INC.-formerly Dressel DPT, $0.8 \%, 4-20 \mathrm{~mA}, 0-5 \mathrm{Sin}$ | CX8MB2425iw | 1 | \$308.20 | 38\% | \$191.08 |
| CX8MB2425IWL | ASHCROFT, INC.-formerly Dresser DPT, $0.8 \%, 4-20 \mathrm{~mA},+/$-5in | CX8MB2425IWL | 1 | \$323.62 | 38\% | \$200.64 |
| CX8MB242P1TW | ASHCROFT, INC.-formerly Dresser DPT, $0.8 \%, 4-20 \mathrm{~mA}, 0-0.1 \mathrm{in}$ | CX8MB242P1TW | 1 | \$323.62 | 38\% | \$200.64 |
| CX8MB242P1IWL | ASHCROFT, INC.-formerly Dresser DPT, $0.8 \%, 4-20 \mathrm{~mA},+1-0.1 \mathrm{lin}$ | CX8MB242P1IWL | 1 | \$323.62 | 38\% | \$200.64 |
| CX8MB242P25IW | ASHCROFT, INC.formerly Dresser DPT, $0.8 \%, 4-20 \mathrm{~mA}, 0-0.25 \mathrm{Sin}$ | CX8MB242P25IW | 1 | \$323.62 | 38\% | \$200.64 |
| CX8MB242P25IWL | ASHCROFT, INC.-formerly Dresse DPT, $0.8 \%, 4-20 \mathrm{~mA},+/-0.25$ in | CX8MB242P25IWL | 1 | \$318.99 | 38\% | \$197.77 |
| CX8MB242P5IW | ASHCROFT, INC.-formerly Dresser DPT, $0.8 \%, 4-42 \mathrm{~mA}, 0-0.0$.in | CX8MB242P5IW | 1 | \$388.20 | 38\% | \$191.08 |
| CX8MB242P5IWL | ASHCROFT, INC.-formerly Dresser DPT, $0.8 \%, 4-20 \mathrm{~mA},+1-0.5 \mathrm{Sin}$ | CX8MB242P5IWL | 1 | \$323.62 | 38\% | \$200.64 |
| CX8MB242P75IW | ASHCROFT, INC.-formerly Dresser DPT, $0.8 \%, 4-20 \mathrm{~mA}, 0-0.75 \mathrm{in}$ | CX8MB242P75IW | 1 | \$323.62 | 38\% | \$200.64 |
| DX3F0110ST10iw | ASHCROFT, INC.-formerly Dresse 0.25\% DIN MNT. TRANSMITTER 10 in WC $0-10$ VDC | DX3F0110ST10IW | 1 | \$1,499.67 | 38\% | \$929.80 |
| DX3F0110STIIW | ASHCROFT, INC.formerly Dresser 0.25\% DIN MNT. TRANSMITTER 1.0 O W WC $0-10$ VDC | Dx3F0110STIIW | 1 | \$1,499.67 | 38\% | \$929.80 |
| DX3F0110ST3IW | ASHCROFT, INC.-formerly Dresser 0.25\% DIN MNT. TRANSMITTER 3.0in WC $0-10$ VDC | dx3F0110ST3IW | 1 | \$1,499.69 | 38\% | \$929.81 |
| DX3F0110STSIW | ASHCROFT, INC.-formerly Dresser 0.25\% DIN MNT. TRANSMITTER 5.0in WC $0-10$ VDC | DX3F0110ST5IW | 1 | \$1,499.67 | 38\% | \$929.80 |
| DX3F0110STP1TW | ASHCROFT, INC.-formerly Dresser 0.25\% DIN MNT. TRANSMITTER 0.10 in WC $0-10$ VDC | DX3F0110STP1TW | 1 | \$1,726.61 | 38\% | \$1,070.50 |
| DX3F0110STPIIWL | ASHCROFT, INC.-formerly Dresser 0.25\% DIN MNT. TRANSMITTER $+/-0.10$ in WC $0-10$ VDC | DX3F0110STPIIWL | 1 | \$1,633.02 | 38\% | \$1,012.47 |
| DX3F0110STP25IW | ASHCROFT, INC.-formerly Dresser 0.25\% DIN MNT. TRANSMITTER 0.25 in WC $0-10$ VDC | DX3F0110STP25IW | 1 | \$1,633.02 | 38\% | \$1,012.47 |
| DX3F0110STP5IW | ASHCROFT, INC.-formerly Dresser 0.25\% DIN MNT. TRANSMITTER 0.5in WC 0-10 VDC | DX3F0110STP5IW | 1 | \$1,567.54 | 38\% | \$971.87 |
| DX3F0110STP5IWL | ASHCROFT, INC.-formerly Dessee 0.25\% DIN MNT. TRANSMITTER +/-0.50in WC $0-10$ VDC | DX3F0110STP5IWL | 1 | \$1,499.64 | 38\% | \$929.78 |
| DX3F0142ST2P5IWL | ASHCROFT, INC.-formerly Desser . $25 \%$ DIN MNT. TRANSMITTER + +2 -2.50in WC 4-20MA | DX3F0142ST2P5IWL | 1 | \$1,471.65 | 38\% | \$912.42 |
| DX3F0142STP05IWL | ASHCROFT, INC.-formerly Dresser . $25 \%$ DIN MNT. TRANSMITTER $+1-0.05$ in WC 4-20MA | DX3F0142STP05IWL | 1 | \$1,698.51 | 38\% | \$1,053.08 |
| DX3F0142STP25IWL | ASHCROFT, INC.-formerly Dresser . $25 \%$ DIN MNT. TRANSMITTER $+/-0.25$ in WC 4-20MA | DX3F0142STP25IWL | 1 | \$1,539.46 | 38\% | \$954.47 |
| DX3F0142ST10IW | ASHCROFT, INC.-formerly Dresser 0.25\% DIN MNT. TRANSMITTER 10in WC 4-20MA | DX3F0142ST10IW | 1 | \$1,471.63 | 38\% | \$912.41 |
| DX3F0142ST10IWL | ASHCROFT, INC.-formerly Dresser . $25 \%$ DIN MNT. TRANSMITTER +/-10.0in WC 4-20MA | DX3F0142ST10IWL | 1 | \$1,471.65 | 38\% | \$912.42 |
| DX3F0142STIIW | ASHCROFT, INC.-formerly Dresser 0.25\% DIN MNT. TRANSMITTER 1.0in WC 4-20MA | DX3F0142STIIW | 1 | \$1,471.63 | 38\% | \$912.41 |
| DX3F0142STIIWL | ASHCROFT, INC.-formerly Dressel . $25 \%$ DIN MNT. TRANSMITTER $+/-1.0 \mathrm{Oin}$ WC 4-20MA | DX3F0142ST1IWL | 1 | \$1,471.63 | 38\% | \$912.41 |
| DX3F0142ST1P5IW | ASHCROFT, INC.-formerly Dresser. $25 \%$ DIN MNT. TRANSMITTER 1.5in WC 4-20MA | DX3F0142ST1P5IW | 1 | \$1,471.65 | 38\% | \$912.42 |
| DX3F0142ST25IW | ASHCROFT, INC.-formerly Dresser. $25 \%$ DIN MNT. TRANSMITTER 25.0in WC 4-20MA | DX3F0142ST25IW | 1 | \$1,471.63 | 38\% | \$912.41 |
| DX3F0142ST25IWL | ASHCROFT, INC.-formerly Desser. $25 \%$ DIN MNT. TRANSMITTER $+1-25.0$ in WC 4-20MA | DX3F0142ST25IWL | 1 | \$1,471.65 | 38\% | \$912.42 |
| DX3F0142ST2IW | ASHCROFT, INC.-formerly Dresser .25\% DIN MNT. TRANSMITTER 2.Oin WC 4-20MA | DX3F0142ST2IW | 1 | \$1,471.63 | 38\% | \$912.41 |
| DX3F0142ST2P5IW | ASHCROFT, INC.-formerly Dresser . $25 \%$ DII MNT. TRANSMITTER 2.Sin WC 4-20MA | DX3F0142ST2P5IW | 1 | \$1,471.63 | 38\% | \$912.41 |
| DX3F0142ST3IW | ASHCROFT, INC.-formerly Dresser 0.25\% DIN MNT. TRANSMITTER 3.0in WC 4-20MA | DX3F0142ST3IW | 1 | \$1,471.63 | 38\% | \$912.41 |
| DX3F0142ST50IW | ASHCROFT, INC.-formerly Dresser. $25 \%$ DIN MNT. TRANSMITTER 50.0in WC 4-20MA | DX3F0142ST50IW | 1 | \$1,471.63 | 38\% | \$912.41 |
| DX3F0142ST5IW | ASHCROFT, INC.-formerly Dresser 0.25\% DIN MNT. TRANSMITTER 5.0in WC 4-20MA | DX3F0142STSIW | 1 | \$1,978.37 | 38\% | \$1,226.59 |
| DX3F0142ST5IWL | ASHCROFT, INC.-formerly Dresser .25\% DIN MNT. TRANSMITTER + --5.0in WC 4-20MA | DX3F0142STSIWL | 1 | \$1,471.63 | 38\% | \$912.41 |
| DX3F0142STP1TW | ASHCROFT, INC.-formerly Dresse 0.25\% DIN MNT. TRANSMITTER 0.10in WC 4-20MA | DX3F0142STP1TW | 1 | \$1,698.52 | 38\% | \$1,053.08 |
| DX3F0142STPIIWL | ASHCROFT, INC.-formerly Dresser 0.25\% DIN MNT. TRANSMITTER + +-0.10in WC 4-20MA | DX3F0142STPIIWL | 1 | \$1,604.94 | 38\% | \$995.06 |
| DX3F0142STP25IW | ASHCROFT, INC.-formerly Dresser 0.25\% DIN MNT. TRANSMITTER 0.25 in WC 4 -20MA | DX3F0142STP25IW | 1 | \$1,604.94 | 38\% | \$995.06 |
| DX3F0142STP5IW | ASHCROFT, INC.-formerly Dresser 0.25\% DIN MNT. TRANSMITTER 0.5in WC 4-20MA | DX3F0142STP5IW | 1 | \$1,539.46 | 38\% | \$954.47 |
| DX3F0142STP5IWL | ASHCROFT, INC.-formerly Dresser 0.25\% DIN MNT. TRANSMITTER $+1-0.50$ in WC 4-20MA | DX3F0142STP5IWL | 1 | \$1,978.37 | 38\% | \$1,226.59 |
| DX3F0142STP75iw | ASHCROFT, INC.formerly Dresser. $25 \%$ DIN MNT. TRANSMITTER 0.75in WC 4-20MA | DX3F0142STP75IW | 1 | \$1,471.65 | 38\% | \$912.42 |
| DX5F0110ST10IW | ASHCROFT, INC.-formerly Dresse 0.50\% DIN MNT. TRANSMITTER 10 in WC $0-10$ VDC | DX5F0010ST10IW | 1 | \$1,048.14 | 38\% | \$649.85 |
| DX5F0110STIIW | ASHCROFT, INC.-formerly Dresser 0.50\% DIN MNT. TRANSMITTER 1.0 O W WC $0-10$ VDC | DX5F0110STIIW | 1 | \$1,048.14 | 38\% | \$649.85 |
| DX5F0110ST3IW | ASHCROFT, INC.-formerly Dresser 0.50\% DIN MNT. TRANSMITTER 3.0in WC 0 -10 VDC | DX5F0110ST3IW | 1 | \$1,048.14 | 38\% | \$649.85 |
| DX5F0110STSIW | ASHCROFT, INC.-formerly Dresser 0.55\% DIN MNT. TRANSMITTER 5.0in WC $0-10$ VDC | DX5F0110ST5IW | 1 | \$1,048.14 | 38\% | \$649.85 |
| DX5F0110STP1IW | ASHCROFT, INC.-formerly Dessee 0.50\% DIN MNT. TRANSMITTER 0.10 in WC $0-10$ VDC | DX5F0110STPITW | 1 | \$1,275.07 | 38\% | \$790.54 |
| DX5F0110STPIIWL | ASHCROFT, INC.-formerly Dessee 0.50\% DIN MNT. TRANSMITTER +/-0.10in WC $0-10$ VDC | DX5F0110STPIIWL | 1 | \$1,181.49 | 38\% | \$732.52 |
| DX5F0110STP25iw | ASHCROFT, INC.-formerly Dresser 0.50\% DIN MNT. TRANSMITTER 0.25 in WC $0-10$ VDC | DX5F0110STP25IW | 1 | \$1,181.48 | 38\% | \$732.52 |
| DX5F0110STP5IW | ASHCROFT, INC.-formerly Dresser 0.55\% DIN MNT. TRANSMITTER 0.5in WC 0-10 VDC | DX5F0110STP5IW | 1 | \$1,118.25 | 38\% | \$693.32 |
| DX5F0110STP5IWL | ASHCROFT, INC.-formerly Dresser 0.50\% DIN MNT. TRANSMITTER $+/-0.50$ in WC $0-10$ VDC | DX5F0110STP5IWL | 1 | \$1,048.14 | 38\% | \$649.85 |
| DX5F0142ST2P5IWL | ASHCROFT, INC.-formerly Dresser . $5 \%$ DIN MNT. TRANSMITIER +1 -2.50in WC 4-20MA | Dx5F0142ST2P5IWL | 1 | \$1,020.06 | 38\% | \$632.44 |
| DX5F0142STP05IWL | ASHCROFT, İC.-formerly Dresser . $5 \%$ DIN MNT. TRANSMITTER $+1-0.05$ Sin WC 4-20MA | DX5F0142STP05IWL | 1 | \$1,246.99 | 38\% | \$773.13 |
| Dx5F0142STP25IWL | ASHCROFT, INC.-formerly Dresser . $5 \%$ DIN MNT. TRANSMITTER $+1-0.25$ in WC 4-20MA | Dx5F0142STP25IWL | 1 | \$1,087.93 | 38\% | \$674.52 |
| DX5F0142ST10Im | ASHCROFT, INC.-formerly Dresser 0.50\% DIN MNT. TRANSMITTER 10 in WC 4-20MA | DX5F0142ST10IW | 1 | \$1,020.06 | 38\% | \$632.44 |
| DX5F0142ST10IWL | ASHCROFT, INC.-formerly Dresser .5\% din Mnt. TRANSMITTER +/-10.0in WC 4-20MA | DX5F0142ST10IWL | 1 | \$1,020.06 | 38\% | \$632.44 |
| DX5F0142STIIW | ASHCROFT, INC.-formerly Dresser 0.50\% DIN MNT. TRANSMITTER 1.0in WC 4-20MA | DX5F0142ST11W | 1 | \$1,020.06 | 38\% | \$632.44 |
| DX5F00142ST1IWL | ASHCROFT, INC.-formerly Dresser. $5 \%$ DIN MNT. TRANSMITTER + -1.0in WC 4-20MA | DX5F0142ST1TWL | 1 | \$1,020.06 | 38\% | \$632.44 |
| DX5F0142ST1P5IW | ASHCROFT, INC.-formerly Dresser . $5 \%$ DIN MNT. TRANSMITTER 1.5in WC 4-20MA | DX5F0142ST1P5Iw | 1 | \$1,020.06 | 38\% | \$632.44 |
| DX5F0142ST25IW | ASHCROFT, INC.-formerly Dresser . $5 \%$ DIN MNT. TRANSMITTER 25.0in WC 4-20MA | DX5F0142ST25iw | 1 | \$1,020.06 | 38\% | \$632.44 |
| DX5F0142ST25IWL | ASHCROFT, INC.-formerly Dresser . $5 \%$ DIN MNT. TRANSMITTER + --25.0in WC 4-20MA | DX5F0142ST25IWL | 1 | \$1,020.06 | 38\% | \$632.44 |
| DX5F0142ST2IW | ASHCROFT, INC.-formerly Dresser. $5 \%$ DIN MNT. TRANSMITTER 2.0in WC 4-20MA | DX5F0142ST2IW | 1 | \$1,020.06 | 38\% | \$632.44 |
| DX5F0142ST2P5IW | ASHCROFT, INC.-formerly Dresser .5\% DIN MNT. TRANSMITTER 2.5in WC 4-20MA | DX5F0142ST2P5IW | 1 | \$1,020.06 | 38\% | \$632.44 |
| DX5F0142ST3IW | ASHCROFT, INC.-formerly Dresser 0.50\% DIN MNT. TRANSMITTER 3.0in WC 4-20MA | DX5F0142ST3IW | 1 | \$1,020.06 | 38\% | \$632.44 |
| DX5F0142ST50IW | ASHCROFT, INC.-formerly Dresser. $5 \%$ DIN MNT. TRANSMITTER 50.0in WC 4-20MA | DX5F0142ST50Iw | 1 | \$1,020.06 | 38\% | \$632.44 |
| DX5F0142STSIW | ASHCROFT, INC.-formerly Dresser 0.50\% DIN MNT. TRANSMITTER 5.0in WC 4-20MA | DX5F0142STSIW | 1 | \$1,020.06 | 38\% | \$632.44 |
| DX5F0142STsITL | ASHCROFT, INC.-formerly Dresser. $5 \%$ DIN MNT. TRANSMITTER + -5.5.in WC 4-20MA | DX5F0142STsITL | 1 | \$1,020.06 | 38\% | \$632.44 |
| DX5F0142STP1TW | ASHCROFT, INC.-formerly Dresser 0.50\% DIN MNT. TRANSMITTER 0.10 in WC 4 -20MA | DX5F00142STP1TW | 1 | \$1,247.00 | 38\% | \$773.14 |
| DX5F0142STPIIWL | ASHCROFT, INC.-formerly Dresser 0.50\% DIN MNT. TRANSMITTER $+/-0.10 \mathrm{in}$ WC 4-20MA | DX5F0142STPIIWL | 1 | \$1,153.39 | 38\% | \$715.10 |

The scope of this contract includes the following
Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted Installedl Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integr
products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor ontrolled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pane (MAP), and/or other similar device, which utiize certain procos (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenance of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
A. General Purpose IT, Telecommunications, Networking Cabling, Fiber Optics (e.g. phone, pbx, digital centrex, digital key systems, television, cable, T-Line, general broadband,
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc.).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely us
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and in integrated with the Integrated Nicroprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Inctled] Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integr.
products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, Fire Alarm Interface Panel (HAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenace of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, .
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controled)/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Model Number |  | duct Code | Varranty Period - \# of year(s) after eptance as required by Appendix B, |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| PTX1E-LCD-10 | ASHCROFT, INC.-formerly Dresser Enclosed, PSI XDUCER 0-300\#\#LCD | KELE BOM | 1 | \$743.00 | 38\% | NVS Nat Price |
| PTX1E-LCD-11 | ASHCROFT, INC.-formerly Dresser Enclosed,PSI XDUCER 0-500\#/LCD | KELE BOM | 1 | \$743.00 | 38\% | \$460.66 |
| PTX1E-CD-12 | ASHCROFT, INC.-formerly Dresser Enclosed,PSI XDUCER 0-750\#/LCD | KELE Bom | 1 | \$743.00 | 38\% | \$460.66 |
| PTX1E-CD-13 | ASHCROFT, INC.-formerly Dreser Enclosed,PSI XDUCR 0-1000\#/LCD | KELE Bom | 1 | \$743.00 | 38\% | \$460.66 |
| PTX1E-LCD-14 | ASHCROFT, INC.-formerly Dresser ENCLOSED,PSI XDUCR 0-2000\#/LCD | KELE BOM | 1 | \$743.00 | 38\% | \$460.66 |
| PTX1E-CD-15 | ASHCROFT, INC.-formerly Dresser ENCLOSED, PSI XDUCER 30invAC-30 | KELE BOM | 1 | \$800.00 | 38\% | \$496.00 |
| PTX1E-RED-01 | ASHCROFT, INC.-formerly Dresser Enclosd psi Xducr o-30invac/LED | KELE Bom | 1 | \$817.00 | 38\% | \$506.54 |
| PTX1E-RED-02 | ASHCROFT, INC.-formerly Dresser ENCLOSD PSI XDUCR 30in VAC - 15\#LLED | KELE BOM | 1 | \$558.89 | 38\% | \$346.51 |
| PTX1E-RED-03 | ASHCROFT, INC.-formerly Dresser ENCLOSED PSI XDUCR 0-15\# | KELE BOM | 1 | \$712.11 | 38\% | \$441.51 |
| PTX1E-RED-04 | ASHCROFT, INC.-formerly Dresser Enclosed XDUCER 3-15\# PSIG | KELE Bom | 1 | \$769.43 | 38\% | \$477.05 |
| PTX1E-RED-05 | ASHCROFT, INC.-formerly Dresser ENCLOSED,PSI XDCR 0-30PSIG | KELE BOM | 1 | \$755.00 | 38\% | \$468.10 |
| PTX1E-RED-06 | ASHCROFT, INC.-formerly Dresser ENCD,PSI XDCR 0-66 PSIG DIGITA | KELE BOM | 1 | \$755.00 | 38\% | \$468.10 |
| PTX1E-RED-07 | ASHCROFT, INC.-formerly Dresser ENCLOSED PSI XDCR 0-100 PSI | KELE BOM | 1 | \$755.00 | 38\% | \$468.10 |
| PTX1E-RED-08 | ASHCROFT, INC.-formerly Dresser ENCLOSED PSI XDCR 0-150 PSI | KELE BOM | 1 | \$755.00 | 38\% | \$468.10 |
| PTX1E-RED-09 | ASHCROFT, INC.-formerly Dresser ENCLOSED,PSI XDCR 0-200 PSI | KELE BOM | 1 | \$755.00 | 38\% | \$468.10 |
| PTX1E-RED-10 | ASHCROFT, INC.-formerly Dresser ENCLOSED,PSI XDCR 0-300PSI/LED | KELE BOM | 1 | \$755.00 | 38\% | \$468.10 |
| PTX1E-RED-11 | ASHCROFT, INC.-formerly Dresser ENCLOSED,PSI XDCR 0-500PSI/LED | KELE Bom | 1 | \$755.00 | 38\% | \$468.10 |
| PTX1E-RED-12 | ASHCROFT, INC.-formerly Dresser ENCLOSED, PSI XDCR 0-750 PSI | KELE Bom | 1 | \$755.00 | 38\% | \$468.10 |
| PTX1E-RED-13 | ASHCROFT, INC.-formerly Dresser ENCLOSED PSI XDCR 0-1000PSI | KELE BOM | 1 | \$755.00 | 38\% | \$468.10 |
| PTX1E-RED-14 | ASHCROFT, INC.-formerly Dresse ENCLOSD,PSI XDCR 0-2000PSI | KELE BOM | 1 | \$755.00 | 38\% | \$468.10 |
| PTX1E-RED-15 | ASHCROFT, INC.-formerly Dresser ENCLOSED, PSI XDUCER 30in-30PSI | KELE BOM | 1 | \$813.00 | 38\% | \$504.06 |
| RX7MB210ST10IW | ASHCROFT, INC.-formerly Dresser $1 \%$ TRANSMITTER 10 in WC $0-10$ VDC | RX7MB210ST10iw | 1 | \$475.68 | 38\% | \$294.92 |
| RX7MB210STIIW | ASHCROFT, INC.-formerly Dresser 1\% TRANSMITTER 1.0 Oin WC 0-10 VDC | RX7MB220ST11w | 1 | \$475.68 | 38\% | \$294.92 |
| RX7MB210ST3IW | ASHCROFT, INC.-formerly Dresser $1 \%$ TRANSMITTER 3.0in WC $0-10$ VDC | RX7MB220ST3iw | 1 | \$475.68 | 38\% | \$294.92 |
| RX7MB210STSIw | ASHCROFT, INC.formerly Dresser $1 \%$ TRANSMITTER 5.0in WC 0-10 VDC | RX7MB220STSIW | 1 | \$475.68 | 38\% | \$294.92 |
| RX7MB210STP1iw | ASHCROFT, INC.-formerly Dresser $1 \%$ TRANSMITTER 0.10 in WC $0-10$ VDC | RX7MB210STPITW | 1 | \$470.86 | 38\% | \$291.93 |
| RX7MB210STPIIWL | ASHCROFT, INC.-formerly Dresser $1 \%$ TRANSMITTER +1 -0.10in WC $0-10$ VDC | RX7MB210STPITWL | 1 | \$475.68 | 38\% | \$294.92 |
| RX7MB210STP25IW | ASHCROFT, INC.-formerly Dresser $1 \%$ TRANSMITTER 0.25 in WC $0-10$ VDC | RX7MB210STP25IW | 1 | \$459.60 | 38\% | \$284.95 |
| RX7MB210STP5IW | ASHCROFT, INC.-formerly Dresser $1 \%$ TRANSMITTER 0.5 Si WC $0-10$ VDC | RX7MB210STP5IW | 1 | \$475.68 | 38\% | \$294.92 |
| RX7MB210STP5IWL | ASHCROFT, INC.-formerly Dresser 1\% TRANSMITTER +1 -0.50in WC $0-10$ VDC | RX7MB210STP5IWL | 1 | \$475.68 | 38\% | \$294.92 |
| RX7MB242ST10IW | ASHCROFT, INC.-formerly Dresser 1\% TRANSMITTER 10in WC 4-20MA | RX7MB242ST10iw | 1 | \$475.68 | 38\% | \$294.92 |
| RX7MB242STIIW | ASHCROFT, INC.-formerly Dresser 1\% TRANSMITTER 1.Oin WC 4-20MA | RX7MB242STIIW | 1 | \$470.86 | 38\% | \$291.93 |
| RX7MB242ST3IW | ASHCROFT, INC.-formerly Dresser 1\% TRANSMITTER 3.0in WC 4-20MA | RX7MB242ST3iw | 1 | \$459.60 | 38\% | \$284.95 |
| RX7MB242ST5IW | ASHCROFT, INC.-formerly Dresser 1\% TRANSMITTER 5.Oin WC 4-20MA | RX7MB242ST5IW | 1 | \$475.68 | 38\% | \$294.92 |
| RX7MB242STP11w | ASHCROFT, INC.-formerly Dresser $1 \%$ TRANSMITTER 0.10 in WC 4-20MA | RX7MB242STPIIW | 1 | \$475.68 | 38\% | \$294.92 |
| RX7MB242STPIIWL | ASHCROFT, INC.-formerly Dresser $1 \%$ TRANSMITTER $+/-0.10$ in WC 4-20MA | RX7MB242STPITWL | 1 | \$475.68 | 38\% | \$294.92 |
| RX7M 3242 STP25IW | ASHCROFT, INC.-formerly Dresser 1\% TRANSMITTER 0.25 in WC 4-20MA | RX7MB242STP25IW | 1 | \$475.68 | 38\% | \$294.92 |
| RX7MB242STP5IW | ASHCROFT, INC.formerly Dresser $1 \%$ TRANSMITTER 0.50in WC 4-20MA | RX7MB242STP5IW | 1 | \$475.68 | 38\% | \$294.92 |
| RX7MB242STP5IWL | ASHCROFT, INC.-formerly Dresser $1 \%$ TRANSMITTER $+/-0.50$ in WC 4-20MA | RX7MB242STP5IWL | 1 | \$475.68 | 38\% | \$294.92 |
| XL3F0242STP1IWL | ASHCROFT, INC.-formerly Dresser. $25 \%$ TRANSMITTER +/-0.10in WC 4-20MA | XLJFO242STPIIWL | 1 | \$1,569.06 | 38\% | \$972.82 |
| xL3MB242STP25IWL | ASHCROFT, INC.-formerly Dresser. $25 \%$ TRANSMITTER +/-0.25in WC 4-20MA | XL3MB242STP25IWL | 1 | \$1,394.16 | 38\% | \$864.38 |
| XL3MB215525IW | ASHCROFT, INC.-formerly Desser. $25 \%$ TRANSMITTER 0.25IN WC 1-5 VDC | XL3MB215STP25IW | 1 | \$1,506.64 | 38\% | \$934.12 |
| xL3MB215S25IWL | ASHCROFT, INC.-formerly Dresser .25\% TRANSMITTER +/-.25IN WC 1-5VDC | XL3MB215STP25IWL | 1 | \$1,392.03 | 38\% | \$863.06 |
| XL3MB2215STP25iw | ASHCROFT, INC.-formerly Dresser . $25 \%$ TRANSMITTER 0.25IN WC 1-5 VDC | XL3MB215STP25IW | 1 | \$1,506.64 | 38\% | \$934.12 |
| XL3MB215STP25IWL | ASHCROFT, INC.-formerly Dresser. $25 \%$ TRANSMITTER +1 - 2 25IN WC 1-5VDC | XL3MB2215STP25IWL | 1 | \$1,394.16 | 38\% | \$864.38 |
| xL3MB215ST2IWL | ASHCROFT, INC.-formerly Dresser. $25 \%$ TRANSMITTER +1 -2.0in WC $1-5$ VDC | XL3MB215ST2IWL | 1 | \$1,325.61 | 38\% | \$821.88 |
| хL3MB215STSIW | ASHCROFT, INC.-formerly Dresser .25\% TRANSMITTER 5.0in WC $1-5 \mathrm{VDC}$ | XL3MB215STsIw | 1 | \$1,325.61 | 38\% | \$821.88 |
| xL3MB242ST10IW | ASHCROFT, INC.-formerly Dresser. $25 \%$ TRANSMITTER 10in WC 4-20MA | XL3MB242ST10IW | 1 | \$1,325.61 | 38\% | \$821.88 |
| XL3MB242ST10IWL | ASHCROFT, INC.-formerly Dresser. $25 \%$ TRANSMITTER +/-10in WC 4-20MA | XL3MB242ST10IWL | 1 | \$1,325.61 | 38\% | \$821.88 |
| XL3MB242STIIW | ASHCROFT, INC.-formerly Dresser .25\% TRANSMITTER 1.Oin WC 4-20MA | XL3MB242STIIW | 1 | \$1,325.61 | 38\% | \$821.88 |
| XL3MB242ST2P5IW | ASHCROFT, INC.-formerly Dresser . $25 \%$ TRANSMITTER 2.5in WC 4-20MA | XL3MB242ST2P5IW | 1 | \$1,325.61 | 38\% | \$821.88 |
| XL3MB242STSIW | ASHCROFT, INC.-formerly Dresser. $25 \%$ TRANSMITTER 5.Oin WC 4-20MA | XL3MB242ST5IW | 1 | \$1,325.61 | 38\% | \$821.88 |
| xL3MB242STsiwL | ASHCROFT, INC.-formerly Dresser . $25 \%$ TRANSMITTER + -5.0.in WC 4-20MA | XL3MB242STSIWL | 1 | \$1,325.61 | 38\% | \$821.88 |
| xL3MB242STP1IW | ASHCROFT, INC.-formerly Dresser .25\% TRANSMITTER 0.10in WC 4-20MA | XL3MB242STPIIW | 1 | \$1,554.85 | 38\% | \$964.01 |
| XL3MB242STPIIWL | ASHCROFT, INC.-formerly Dresser. $25 \%$ TRANSMITTER $+/-0.10$ in WC 4-20MA | XL3MB242STPIIWL | 1 | \$1,460.33 | 38\% | \$905.40 |
| XL3MB242STP25iw | ASHCROFT, INC.-formerly Dresser .25\% TRANSMITTER 0.25in WC 4-20MA | XL3MB242STP25IW | 1 | \$1,460.33 | 38\% | \$905.40 |
| xL3MB242STP5IW | ASHCROFT, INC.-formerly Dresser .25\% TRANSMITTER 0.50in WC 4-20MA | XL3MB242STPITW | 1 | \$1,394.16 | 38\% | \$864.38 |
| XL3MB242STP5IWL | ASHCROFT, INC.-formerly Dresser .25\% TRANSMITTER, +/-.50in WC, 4-20MA | XL3MB242STP5IWL | 1 | \$1,325.61 | 38\% | \$821.88 |
| xıLF0242ST25IW | ASHCROFT, INC.formerly Dresser. $50 \%$ TRANSMITTER 25in WC 4-20MA $1 / 4$ NPT | XL5F0242ST25IW | 1 | \$1,010.71 | 38\% | \$626.64 |
| xLLFO242STP1TWL | ASHCROFT, INC.-formerly Dresser . $50 \%$ TRANSMITTER $+/-0.10 \mathrm{in}$ WC $4-20 \mathrm{MA} 1 / 4$ NPT | XLLFO242STPITWL | 1 | \$1,101.95 | 38\% | \$683.21 |
| XLLFO242STP5IWL | ASHCROFT, INC.-formerly Dresser . $50 \%$ TRANSMITTER $+/-0.50$ in WC 4-20MA $1 / 4$ NPT | XLLFO242STP5IWL | 1 | \$1,010.71 | 38\% | \$626.64 |
| XLSMB215STP25IWL | ASHCROFT, INC.-formerly Dresser. $50 \%$ TRANSMITTER | XLSMB215STP2ITIL | 1 | \$966.51 | 38\% | \$599.24 |
| XLSMB242STP25IWL | ASHCROFT, INC.-formerly Dresser. $50 \%$ TRANSMITTER + /-0.25in WC 4-20MA | XL5MB242STP25IWL | 1 | \$928.82 | 38\% | \$575.87 |
| XL5MB215STPIIWL | ASHCROFT, INC.-formerly Dresser . $50 \%$ TRANSMITTER $+/-0.10 \mathrm{in}$ WC $1-5 \mathrm{VDC}$ | XLLMB225STPITWL | 1 | \$994.33 | 38\% | \$616.48 |
| xLLSMB215STP5IW | ASHCROFT, INC.-formerly Desseer .50\% TRANSMITTER 0.50in WC 1-5 VDC | XLSMB225STPSIW | 1 | \$928.82 | 38\% | \$575.87 |
| xLLSMB242ST10IW | ASHCROFT, INC.-formerly Dresser. $50 \%$ TRANSMITTER 10in WC 4-20MA | XL5MB242ST10IW | 1 | \$860.98 | 38\% | \$533.81 |
| XL5MB242STIIW | ASHCROFT, INC.-formerly Dresser. $50 \%$ TRANSMITTER 1.Oin WC 4-20MA | XL5MB242STIIW | 1 | \$860.98 | 38\% | \$533.81 |
| XL5MB242ST1P5IW | ASHCROFT, INC.-formerly Dresser .50\% TRANSMITTER 1.50in WC 4-20MA | XLLSMB242ST1P5IW | 1 | \$860.98 | 38\% | \$533.81 |
| xL5MB242STTIT | ASHCROFT, INC.-formerly Dresser. $50 \%$ TRANSMITTER 2.0in WC 4-20MA | XLSMB242ST2IW | 1 | \$860.98 | 38\% | \$533.81 |
| XL5MB242ST2P5IW | ASHCROFT, INC.-formerly Dresser. $50 \%$ TRANSMITTER 2.5in WC 4-20MA | XLLME3242ST2P5IW | 1 | \$860.98 | 38\% | \$533.81 |
| XL5MB242ST3IW | ASHCROFT, INC.-formerly Dresser. $50 \%$ TRANSMITTER 3.0in WC 4-20MA | xL5MB242ST3IW | 1 | \$860.98 | 38\% | \$533.81 |
| XL5MB242ST5OIWL | ASHCROFT, INC.-formerly Dresser. $50 \%$ TRANSMITTER +/-50in WC 4-20MA | XLLSMB242ST50iWL | 1 | \$860.98 | 38\% | \$533.81 |
| XL5MB242STSIW | ASHCROFT, INC.-formerly Dresser. $50 \%$ TRANSMITTER 5.Oin WC 4-20MA | xL5MB242ST5Iw | 1 | \$860.98 | 38\% | \$533.81 |
| xLLMBB242STsiwL | ASHCROFT, INC.-formerly Dresser . $50 \%$ TRANSMITTER + -5.0.in WC 4-20MA | XL5MB242STSIWL | 1 | \$860.98 | 38\% | \$533.81 |
| XLLMB224STPITw | ASHCROFT, INC.-formerly Dresser . $50 \%$ TRANSMITTER 0.10in WC 4-20MA | XLLSMB242STPIIW | 1 | \$1,087.93 | 38\% | \$674.52 |
| XL5MB242STPIIWL | ASHCROFT, INC.-formerly Dresser. $50 \%$ TRANSMITTER $+/-0.10$ in WC 4-20MA | XLLSM3242STPIIWL | 1 | \$994.33 | 38\% | \$616.48 |
| XL5MB242STP25IW | ASHCROFT, INC.-formerly Dresser . $50 \%$ TRANSMITTER 0.25in WC 4-20MA | XLLME242STP25IW | 1 | \$994.33 | 38\% | \$616.48 |
| xLLMM3242STP5IW | ASHCROFT, INC.-formerly Dresser .50\% TRANSMITTER 0.50in WC 4-20MA | XLSMB242STPSIW | 1 | \$928.82 | 38\% | \$575.87 |
| XL5MB242STP5IWL | ASHCROFT, INC.-formerly Dresser. $50 \%$ TRANSMITTER $+/-0.50$ in WC 4-20MA | XLLSMB242STP5IWL | 1 | \$860.98 | 38\% | \$533.81 |
| 47B-1 | AURA, INC. BRASS PISTON SNUBBER | 478 | 1 | \$48.60 | 38\% | \$30.13 |
| 475-1 | AURA, INC. STAILLESS STEEL PISTON SNUBBER | 475 OPT2 | 1 | \$99.01 | 38\% | \$61.39 |
| 747BE-1 | AURA, INC. POROUS BRASS SNUBBER LIGHT OIL OR WATER | 7478E | 1 | \$41.90 | 38\% | \$25.98 |
| 7478G-1 | AURA, INC. POROUS BRASS SNUBBER STEAM OR GAS | 747BG | 1 | \$41.90 | 38\% | \$25.98 |
| 747SE-1 | AURA, INC. POROUS SS SNUBBER LIGHT OIL OR WATER | 747SE OPT2 | 1 | \$45.40 | 38\% | \$28.15 |
| 7475G-1 | AURA, INC. POROUS SS SNUBBER STEAM OR GAS | 7475G OPT2 | 1 | \$45.40 | 38\% | \$28.15 |
| F2B-D | AURA, INC. BRASS WELL ADAPTER | F2B-D | 1 | \$15.08 | 38\% | \$9.35 |
| F2S-D |  | F2S-D | 1 | \$18.57 | 38\% | \$11.51 |
| FB3 | AURA, INC. $1 / 2 \mathrm{in}$ NPT TO 1/8in NPS ADAPTER | FB-3 | 1 | \$9.96 | 38\% | \$6.18 |
| FS-3 | AURA, INC. $1 / 2 \mathrm{inMALE}$ TO $1 / 8 \mathrm{BiFEEMALE}$ SS ADPT | FS-3 | 1 | \$16.97 | 38\% | \$10.52 |
| WB-12 | AURA, INC. 12in BRASS BULB WELL | wB-12 | 1 | \$276.35 | 38\% | \$171.34 |
| WB-18 | AURA, INC. 18in BRASS BULB WELL | WB-18 | 1 | \$532.15 | 38\% | \$329.93 |
| We-2. 5 | AURA, INC. 2.Sin BRASS BULB WELL | WB-2.5 | 1 | \$34.03 | 38\% | \$21.10 |
| wB-4 | AURA, INC. 4 in BRASS BULB WELL | WB-4 | 1 | \$40.26 | 38\% | \$24.96 |
| wB-6 | AURA, INC. | WB-6 | 1 | \$59.59 | 38\% | \$36.95 |
| wB-9 | AURA, INC. | wB-9 | 1 | \$89.68 | 38\% | \$55.60 |
| wEL-b | AURA, INC. IMMERSIION WELL (BRASS) | WEL-B | 1 | \$34.41 | 38\% | \$21.33 |
| WEL-S | AURA, INC. IMMERSION WELL (STAINLESS) | WEL-S | 1 | \$86.00 | 38\% | \$53.32 |
| ws-12 | AURA, INC. 12in SS BULB WELL | ws-12 | 1 | \$277.84 | 38\% | \$172.26 |
| ws-18 | AURA, INC. 18in SS BuLb Well | wS-18 | 1 | \$494.72 | 38\% | \$306.73 |
| ws-2.5 | AURA, INC. 2.5 Sin SS Bulb WELL | ws-2.5 | 1 | \$66.00 | 38\% | \$40.92 |
| ws-4 | AURA, INC. 4 S SS BULB WELL | wS-4 | 1 | \$75.00 | 38\% | \$46.50 |
| ws-6 | AURA, INC. | wS-6 | 1 | \$82.00 | 38\% | \$50.84 |
| ws-9 | AURA, INC. 9in SS BuLb Well | WS-9 | 1 | \$123.00 | 38\% | \$76.26 |
| DS-224-750 | AUTOMATED SYSTEMS Engineer rain/snow sensor | DS-224-750 | 1 | \$720.73 | 38\% | \$446.85 |
| DS-2C | AUTOMATED SYSTEMS Engineer rain/snow sensor w/ CS-1 CABLE | DS-28-750-110 W/CS-1 | 1 | \$599.90 | 38\% | \$371.94 |

The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Inctled] Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenance of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
General Ductwork Piping, etc. shall not be obtained on these contracts
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not:
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose IT, Telecommumications, Networking Cabing, Fiber Optics (e.g. phone, pbx, digital centrex, digital key systems, television, cable, T-Line, general broadband,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' $\mathbf{l}$ location in the event of a fire or emergency.

| dol Number | nuratuer | prion |  | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54" | List Price | \% Discount | Ns |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| MG-1 | AUTOMATED SYSTEMS E | PRECIP. GRID REPLACEMNT KIT | MG-1 | 1 | \$79.28 | 38\% | \$49.15 |
| ESP211-485 | B \& B ELECTRONICS MAN | ONE PORT MIN SERIAL SERVER RS422/485 | VESP211-485 | 1 | \$463.36 | 38\% | \$287.28 |
| BH-SS | B\&F FASTENER SUPPLY | STAINLESS STEEL BULKHEAD FITTING | KELE KIT | 1 | \$22.00 | 38\% | \$13.64 |
| 0007-1650 | BACHARACH, INC. | HYROPHOBIC WATER AND DUST FILTER | SPECIALTY | 1 | \$117.00 | 38\% | \$72.54 |
| 0024-1254 | BACHARACH, inc. | aC Power adapter for pcaz | 24-1404 | 1 | \$131.63 | 38\% | \$81.61 |
| 3015-3076 | BACHARACH, INC. | AUdiblemisual alarm | KELE Kit | 1 | \$701.00 | 38\% | \$434.62 |
| 3015-3125 | BACHARACH, INC. | CHARCOAL FLITER | SPECIALTY | 1 | \$235.21 | 38\% | \$145.83 |
| 3015-3411 | BACHARACH, INC. | REPLACEMENT FILTERS (4 LINE END FILTERS) | 3015-3411 | 1 | \$279.00 | 38\% | \$172.98 |
| 3015-3420 | BACHARACH, INC. | REPLACEMENT LINE END FILTER | 3015-3420 | 1 | \$77.12 | 38\% | \$47.81 |
| 3015-3429 | BACHARACH, INC. | FILTER KIT(5 LINE END \& 1 CHARCOAL FILTER) | 3015-3429 | 1 | \$788.74 | 38\% | \$439.42 |
| 3015-3430 | BACHARACH, INC. | R-22 VErification kit | 3015-3430 | 1 | \$2,924.00 | 38\% | \$1,812.88 |
| 3015-3437 | BACHARACH, INC. | R-134A Verification kit | 3015-3437 | 1 | \$2,861.00 | 38\% | \$1,773.82 |
| 3015-3438 | BACHARACH, INC. | R-123 VERRIFCATION Kit | 3015-3438 | 1 | \$2,896.00 | 38\% | \$1,795.52 |
| 3015-5152 | BACHARACH, inc. | DUAL 4-20 Ma OUTPUT BOARD | 3015-5152 | 1 | \$890.34 | 38\% | \$552.01 |
| 3015-5171 | BACHARACH, INC. | 4 ZONE EXPANSİN KIT | 3015-5171 | 1 | \$1,119.83 | 38\% | \$694.29 |
| 30155176 | BACHARACH, INC. | HGM-MZ SAMPLING PUMP WITH CONNECTOR | 30155176 | 1 | \$569.60 | 38\% | \$353.15 |
| 3015-5199 | BACHARACH, inc. | AnNUAL MAINTENANCE KIT | 3015-5199 | 1 | \$376.27 | 38\% | \$233.29 |
| 3015-5705 | BACHARACH, INC. | BACNET COMMUNICATION ADAPTER | 3015-5705 | 1 | \$4,562.42 | 38\% | \$2,828.70 |
| 304-2742 | BACHARACH, INC. | replacement sample tubing | 304-2742 | 1 | \$9.70 | 38\% | \$6.01 |
| 304-2743 | BACHARACH, INC. | REPLACEMENT EXHAUST/PURGE TUBING | 3042743 | 1 | \$6.92 | 38\% | \$4.29 |
| AGM-Sz | BACHARACH, INC. | SINGLE ZONE AMMONiA GAS MONITOR | 3015-4280 | 1 | \$5,527.00 | 38\% | \$3,426.74 |
| GDC150011001 | BACHARACH, INC. | GDC150, CO, NO DISPLAY | 52011001 | 1 | \$1,312.21 | 38\% | \$813.57 |
| GDC150011003 | BACHARACH, INC. | GDC150, O2, NO DISPLAY | 52011003 | 1 | \$1,339.80 | 38\% | \$830.68 |
| GDC150011004 | BACHARACH, INC. | GDC150, No2, NO DISPLAY | 52011004 | 1 | \$1,633.34 | 38\% | \$1,012.67 |
| GDC150011005 | BACHARACH, INC. | GDC150, NH3, NO DISPLAY | 52011005 | 1 | \$2,916.67 | 38\% | \$1,808.34 |
| GDC150011006 | BACHARACH, INC. | GDC150, NO, NO DISPLAY | 52011006 | 1 | \$1,633.34 | 38\% | \$1,012.67 |
| GDC15001013 | BACHARACH, INC. | GDC150, HCHO, NO DISPLAY | 52011013 | 1 | \$3,383.33 | 38\% | \$2,097.66 |
| GDC150011028 | BACHARACH, INC. | GDC150, TVOC (PID 0-50 PPM), NO DISPLAY | 5201028 | 1 | \$8,166.67 | 38\% | \$5,063.34 |
| GDC150011029 | BACHARACH, inc. | GDC150, TVOC (PID 0-300 PPM), No DISPLAY | 52011029 | 1 | \$6,533.33 | 38\% | \$4,050.66 |
| GDC150011032 | BACHARACH, INC. | GDC150, TVOC (MOS), NO DISPLAY | 5201032 | 1 | \$1,516.66 | 38\% | \$940.33 |
| GDC150011101 | BACHARACH, INC. | GDC150, CO, LED DISPLAY | 52011101 | 1 | \$1,654.28 | 38\% | \$1,025.65 |
| GDC150011103 | BACHARACH, INC. | GDC150, O2, LED DISPLAY | 52011103 | 1 | \$1,726.20 | 38\% | \$1,070.24 |
| GDC150011104 | BACHARACH, INC. | GDC150, NO2, LED DISPLAY | 52011104 | 1 | \$1,948.34 | 38\% | \$1,207.97 |
| GDC150011105 | BACHARACH, INC. | GDC150, NH3, LED DISPLAY | 52011105 | 1 | \$3,231.67 | 38\% | \$2,003.64 |
| GDC150011106 | BACHARACH, inc. | GDC150, NO, LED DISPLAY | 52011106 | 1 | \$1,948.34 | 38\% | \$1,207.97 |
| GDC150011113 | BACHARACH, inc. | GDC150, HCHO, LED DISPLAY | 52011113 | 1 | \$3,698.33 | 38\% | \$2,292.96 |
| GDC150011128 | BACHARACH, INC. | GDC150, TVOC (PID 0-50 PPM), LED DISPLAY | 52011128 | 1 | \$8,481.67 | 38\% | \$5,258.64 |
| GDC150011129 | BACHARACH, INC. | GDC150, TVOC (PID 0-300 PPM), LED DISPLAY | 52011129 | 1 | \$6,848.33 | 38\% | \$4,245.96 |
| GDC150011201 | BACHARACH, INC. | GDC150, CO, NO DISPLAY, W/ RELAY | 52011201 | 1 | \$1,463.00 | 38\% | \$907.06 |
| GDC150011203 | BACHARACH, INC. | GDC150, 02, NO DISPLAY, W/ RELAY | 52011203 | 1 | \$1,512.00 | 38\% | \$937.44 |
| GDC150011204 | BACHARACH, INC. | GDC150, NO2, NO DISPLAY, W/ RELAY | 52011204 | 1 | \$1,750.00 | 38\% | \$1,085.00 |
| GDC150011205 | BACHARACH, INC. | GDC150, NH3, NO DISPLAY, W/ RELAY | 52011205 | 1 | \$3,033.33 | 38\% | \$1,880.66 |
| GDC150011206 | BACHARACH, INC. | GDC150, NO, No display, w/ relay | 52011206 | 1 | \$1,750.00 | 38\% | \$1,085.00 |
| GDC150011213 | BACHARACH, INC. | GDC150,HCHO, NO DISPLAY, w/ RELAY | 52011213 | 1 | \$3,500.00 | 38\% | \$2,170.00 |
| GDC150011228 | BACHARACH, INC. | GDC150, TVOC (PID 0-50 PPM), NO DISPLAY, RELAY | 52011228 | 1 | \$8,283.33 | 38\% | \$5,135.66 |
| GDC150011229 | BACHARACH, INC. | GDC150, TVOC (PID 0-300 PPM), NO DISPLAY, RELAY | 52011229 | 1 | \$6,650.00 | 38\% | \$4,123.00 |
| GDC150011232 | BACHARACH, INC. | GDC150, TVOC (MOS), No DISPLAY, W/ RELAY | 52011232 | 1 | \$1,633.34 | 38\% | \$1,012.67 |
| GDC150011301 | BACHARACH, INC. | GDC150, CO, LED display and relay | 52011301 | 1 | \$1,779.98 | 38\% | \$1,103.59 |
| GDC150011303 | BACHARACH, INC. | GDC150, O2, Led display and relay | 52011303 | 1 | \$1,839.60 | 38\% | \$1,140.55 |
| GDC150011304 | BACHARACH, inc. | GDC150, NO2, LED DISPLAY AND RELAY | 52011304 | 1 | \$2,053.71 | 38\% | \$1,273.30 |
| GDC150011305 | BACHARACH, INC. | GDC150, NH3, LED DISPLAY AND RELAY | 52011305 | 1 | \$3,336.67 | 38\% | \$2,068.74 |
| GDC150011306 | BACHARACH, INC. | GDC150, NO, LED display and relay | 52011306 | 1 | \$2,053.71 | 38\% | \$1,273.30 |
| GDC150011313 | BACHARACH, INC. | GDC150, HCHO, LED DISPLAY AND RELAY | 5201313 | 1 | \$3,803.33 | 38\% | \$2,358.06 |
| GDC150011328 | BACHARACH, INC. | GDC150, TVOC (PID 0-50 PPM), DISPLAY \& RELAY | 5201328 | 1 | \$8,586.67 | 38\% | \$5,323.74 |
| GDC150011329 | BACHARACH, INC. | GDC150, TVOC (PID 0-300 PPM), DISPLAY \& RELAY | 52011329 | 1 | \$6,953.33 | 38\% | \$4,311.06 |
| GDC150011332 | BACHARACH, INC. | GDC150, TVOC (MOS), DISPLAY \& RELAY | 52011332 | 1 | \$1,936.66 | 38\% | \$1,200.73 |
| GDC150013001 | BACHARACH, INC. | GDC150,CO, NO DISPLAY, NEMA 4X W/SPL GRD | 52013001 | 1 | \$1,645.88 | 38\% | \$1,020.45 |
| GDC150013002 | BACHARACH, INC. | GDC150, H2S, NO DISPLAY, NEMA 4X W/SPL GRD | 52013002 | 1 | \$1,925.00 | 38\% | \$1,193.50 |
| GDC150013003 | BACHARACH, inc. | GDC150, O2, NO DISPLAY, NEMA 4X W/SPL GRD | 52013003 | 1 | \$1,700.20 | 38\% | \$1,054.12 |
| GDC150013004 | BACHARACH, INC. | GDC150, NO2, NO DISPLAY, NEMA 4X W/SPL GRD | 52013004 | 1 | \$1,925.00 | 38\% | \$1,193.50 |
| GDC150013005 | BACHARACH, INC. | GDC150, NH3, NO DISPLAY, NEMA 4x W/SPL GRD | 52013005 | 1 | \$3,208.34 | 38\% | \$1,989.17 |
| GDC150013006 | BACHARACH, INC. | GDC150,NO, NO DISPLAY, NEMA 4X W/SPL GRD | 52013006 | 1 | \$1,925.00 | 38\% | \$1,193.50 |
| GDC150013009 | BACHARACH, INC. | GDC150, SO2, NO DISPLAY, NEMA 4x W/SPL GRD | 52013009 | 1 | \$2,100.00 | 38\% | \$1,302.00 |
| GDC150013013 | BACHARACH, InC. | GDC150, HCHO, NO DISPLAY, NEMA 4X W/SPL GRD | 52013013 | 1 | \$3,675.00 | 38\% | \$2,278.50 |
| GDC150013028 | BACHARACH, INC. | GDC150, TVOC (PIDLOW), NEMA 4X W/ SPL GRD | 52013028 | 1 | \$8,458.34 | 38\% | \$5,244.17 |
| GDC150013029 | BACHARACH, INC. | GDC150, TVOC (PID HIGH), NEMA 4X W/SPL GRD | 52013029 | 1 | \$6,825.00 | 38\% | \$4,231.50 |
| GDC150013032 | BACHARACH, INC. | GDC150, TVOC (MOS), NEMA 4x W/ SPL GRD | 52013032 | 1 | \$1,808.33 | 38\% | \$1,121.16 |
| GDC150013101 | BACHARACH, INC. | GDC150, co, display, NEMA 4x w/ SPL GRD | 52013101 | 1 | \$1,932.53 | 38\% | \$1,198.17 |
| GDC150013102 | BACHARACH, INC. | GDC150, H2S,DISPLAY, NEMA 4x W/SPL GRD | 52013102 | 1 | \$2,240.00 | 38\% | \$1,388.80 |
| GDC150013103 | BACHARACH, INC. | GDC150, O2, DISPLAY, NEMA 4x W/SPL GRD | 52013103 | 1 | \$2,042.40 | 38\% | \$1,266.29 |
| GDC150013104 | BACHARACH, INC. | GDC150, NO2, DISPLAY, NEMA 4X W/SPL GRD | 52013104 | 1 | \$2,240.00 | 38\% | \$1,388.80 |
| GDC150013105 | BACHARACH, INC. | GCC150, NH3, DISPLAY, NEMA 4X W/SPL GRD | 52013105 | 1 | \$3,523.34 | 38\% | \$2,184.47 |
| GDC150013106 | BACHARACH, INC. | GDC150, No, DISPLAY, NEMA 4x W/SPL GRD | 52013106 | 1 | \$2,240.00 | 38\% | \$1,388.80 |
| GDC150013109 | BACHARACH, INC. | GDC150, S02, DISPLAY, NEMA $4 \times$ W/SPL GRD | 52013109 | 1 | \$2,415.00 | 38\% | \$1,497.30 |
| GDC150013128 | BACHARACH, INC. | GDC150, TVOC (PID LOW), DISPLAY, NEMA 4x W/SPL GRD | 52013128 | 1 | \$8,773.34 | 38\% | \$5,439.47 |
| GDC150013129 | BACHARACH, INC. | GDC150, TVOC (PID HIGH), DSP, NEMA 4x W/SPL GRD | 52013129 | 1 | \$7,140.00 | 38\% | \$4,426.80 |
| GDC150013132 | BACHARACH, INC. | GDC150, TVOC (MOS),DISPLAY, NEMA 4x W/ SPL GRD | 52013132 | 1 | \$2,123.33 | 38\% | \$1,316.46 |
| GDC150013201 | BACHARACH, inc. | GDC150, CO, RELAY, NEMA 4X W/ SPL GRD | 52013201 | 1 | \$1,767.79 | 38\% | \$1,096.03 |
| GDC150013202 | BACHARACH, INC. | GDC150, H2S, RELAY, NEMA 4X W/SPL GRD | 52013202 | 1 | \$2,041.66 | 38\% | \$1,265.83 |
| GDC150013203 | BACHARACH, INC. | GDC150, O2, RELAY, NEMA 4X W/SPL GRD | 52013203 | 1 | \$1,827.00 | 38\% | \$1,132.74 |
| GDC150013204 | BACHARACH, INC. | GDC150, No2, RELAY, NEMA 4x w/SPL GRD | 52013204 | 1 | \$2,041.66 | 38\% | \$1,265.83 |
| GDC150013205 | BACHARACH, INC. | GDC150, NH3, RELAY, NEMA 4x W/SPL GRD | 52013205 | 1 | \$3,325.00 | 38\% | \$2,061.50 |
| GDC150013206 | BACHARACH, INC. | GDC150,NO, RELAY, NEMA $4 \times$ W/SPL GRD | 52013206 | 1 | \$2,041.66 | 38\% | \$1,265.83 |
| GDC150013209 | BACHARACH, INC. | GDC150,SO2, RELAY, NEMA 4X W/SPL GRD | 52013209 | 1 | \$2,216.67 | 38\% | \$1,374.34 |
| GDC150013213 | BACHARACH, INC. | GDC150, HCHO, W/ RELAY, NEMA 4x W/SPL GRD | 52013213 | 1 | \$3,791.67 | 38\% | \$2,350.84 |
| GDC150013228 | BACHARACH, INC. | GDC150, TVOC (PID LOW), RELAY, NEMA 4X W/SPL GRD | 52013228 | 1 | \$8,575.00 | 38\% | \$5,316.50 |
| GDC150013229 | BACHARACH, INC. | GDC150, TVOC (PID HIGH), RELAY, NEMA 4x W/SPL GRD | 52013229 | 1 | \$6,941.67 | 38\% | \$4,303.84 |
| GDC150013232 | BACHARACH, INC. | GDC150, TVOC (MOS),RELAY,NEMA 4X W/SPL GRD | 52013232 | 1 | \$1,925.00 | 38\% | \$1,193.50 |
| GDC150013301 | BACHARACH, INC. | GDC150, CO, DSP \& RELAY, NEMA 4x W/SPL GRD | 52013301 | 1 | \$2,049.86 | 38\% | \$1,270.91 |
| GDC150013302 | BACHARACH, INC. | GDC150, H2S, DSP \& RELAY, NEMA 4X W/SPL GRD | 52013302 | 1 | \$2,345.00 | 38\% | \$1,453.90 |
| GDC150013303 | BACHARACH, INC. | GDC150, O2, DSP \& RELAY, NEMA 4x W/SPL GRD | 52013303 | 1 | \$2,098.74 | 38\% | \$1,301.22 |
| GDC150013304 | BACHARACH, INC. | GDC150, NO2, DSP \& RELAY, NEMA 4x W/SPL GRD | 52013304 | 1 | \$2,345.00 | 38\% | \$1,453.90 |
| GDC150013305 | ВАСНАRACH, inc. | GDC150, NH3, DSP \& RELAY, NEMA 4x W/SPL GRD | 52013305 | 1 | \$3,628.34 | 38\% | \$2,249.57 |
| GDC150013306 | BACHARACH, INC. | GDC150, NO, DSP \& RELAY, NEMA 4X W/SPL GRD | 52013306 | 1 | \$2,345.00 | 38\% | \$1,453.90 |
| GDC150013309 | BACHARACH, INC. | GDC150, S02, DSP \& RELAY, NEMA 4X W/SPL GRD | 52013309 | 1 | \$2,520.00 | 38\% | \$1,562.40 |
| GDC150013313 | BACHARACH, INC. | GDC150, HCHO, DSP \& RELAY, NEMA 4x W/SPL GRD | 52013313 | 1 | \$4,095.00 | 38\% | \$2,538.90 |
| GDC150013328 | BACHARACH, INC. | GDC150, TVOC (PID LOW), DSP , RLY, NEMA 4X, SPL GRD | 52013328 | 1 | \$8,878.34 | 38\% | \$5,504.57 |
| GDC150013329 | BACHARACH, INC. | GDC150, TVOC (PID HIGH), DSP, RLY, NEMA 4x W/SPL GRD | 52013329 | 1 | \$7,245.00 | 38\% | \$4,491.90 |
| GDC150013332 | BACHARACH, INC. | GDC150, TVOC (MOS), DSP, RLY, NEMA 4x W/SPL GRD | 52013332 | 1 | \$2,228.33 | 38\% | \$1,381.56 |
| GDC150013320MET | BACHARACH, INC. | GDC150, METHANE, DSP, RELAY, NEMA 4X W/SPL GRD | 52013320-METH | 1 | \$2,466.94 | 38\% | \$1,529.50 |
| GDC150013320PRo | BACHARACH, INC. | GDC150, PROPANE, DSP, RELAY,NEMA 4x W/SPL GRD | 52013320 -PROP | 1 | \$2,466.94 | 38\% | \$1,529.50 |
| GDC-350-040000 | BACHARACH, INC. | GDC350-1 CH CONTROLLER, NEMA 4X, DISPLAY | GDC-350-040000 | 1 | \$2,172.00 | 38\% | \$1,346.64 |
| GDC-350-050000 | BACHARACH, INC. | GDC350-1 CH CONTROLLER, NEMA 4X, SPLGRD | GDC-350-050000 | 1 | \$2,147.00 | 38\% | \$1,331.14 |
| GDC-350-060000 | BACHARACH, INC. | GDC350-1 CH CONTROLLER, NEMA 4X, SLPGRD, DISPLAY | GDC-350-060000 | 1 | \$2,297.00 | 38\% | \$1,424.14 |
| GDC-350-070000 | BACHARACH, INC. | GDC350-1 CH CONTROLLER, W/ PWR SUPPLY | GDC-350-070000 | 1 | \$1,398.00 | 38\% | \$866.76 |

The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted Installedl Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintena e of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, wers, water fountains, water heaters hot water tanks, garbage disposal
Ceneral Ductwork, Piping, etc. shall not be obtained on these contracts.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
A. General Purpose IT, Telecommumications, Networking Cabing, Fiber Optics (e.g. phone, pbx, digital centrex, digital key systems, television, cable, T-Line, general broadband,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' 'ocation in the event of a fire or emergency.


The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
. Itegrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc, which are Factory-Monted HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain prococols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenate of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, owers, water fountains, water heaters hot water tanks, garbage disposal
2. General Ductwork, Piping, etc. shall not be obtained on these contracts. Chillers ,
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not imited to
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' 'ocation in the event of a fire or emergency.

|  |  |  | Product Code | Warranty Period - \# of year(s) after Beptance as required by Appendix B, |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 228PV2005-1211 | badger meter inc. | RYTON SENSOR IN 2in PVC TEE | 228PV2005-1211 | $\frac{\text { IIse } 5}{1}$ | \$709.16 | 38\% | Ws Nat Price |
| 228PV3005-1211 | badger meter inc. | RYTON SENSOR IN 3in PVC TEE | 228PV3005-1211 | 1 | \$782.56 | 38\% | \$485.19 |
| 228PV4005-1211 | badger meter inc. | RYTON SENSOR IN 4in PVC TEE | 228PV4005-1211 | 1 | \$837.67 | 38\% | \$519.36 |
| 2285S-2 | badger meter inc. | FLOW SENSOR IN 2in $3165 S$ TEE | 2285S2005-1211 | 1 | \$1,768.17 | 38\% | \$1,096.27 |
| 2508-0.5 | badger meter inc. | BRASS FLOW SEN W/1/2inbronz.TEE | 2508R0505-1211 | 1 | \$920.19 | 38\% | \$570.52 |
| 250B-0.75 | badger meter inc. | BRASS FLOW SENSOR 3/4inBROZ TEE | 2508R0705-1211 | 1 | \$937.90 | 38\% | \$581.50 |
| 2508-1 | BADGER METER INC. | FLOW SENSOR Lin BRONZE TEE | 2508R1005-1211 | 1 | \$991.35 | 38\% | \$614.64 |
| 250B-1.25 | bADGER METER INC. | FLOW SENSOR 1-1/4in BRONZE TEE | 2508R1205-1211 | 1 | \$1,028.15 | 38\% | \$637.45 |
| 2508-1.5 | bADGER METER INC. | FLOW SENSOR 1-1/2 BRONZE TEE | 2508R1505-1211 | 1 | \$1,032.97 | 38\% | \$640.44 |
| 3000-0-0 | badger meter inc. | FLOW MONITOR,2 PULSE OUTS,PANEL MNT | 3000-0-0 | 1 | \$1,469.59 | 38\% | \$911.15 |
| 3000-0-1 | badger meter inc. | FLOW MONITOR,2 PULSE OUTS, WALL MNT | 3000-0-1 | 1 | \$1,703.87 | 38\% | \$1,056.40 |
| 3000-10 | badger meter inc. | FLOW MONITOR,2 PULSE OUTS W/ANALOG OUT,PANEL MNT | 3000-1-0 | 1 | \$1,902.80 | 38\% | \$1,179.74 |
| 3000-11 | badger meter inc. | FLOW MONITOR,2 PULSE OUTS W/ANALOG OUT,WALL MNT | 3000-1-1 | 1 | \$2,023.06 | 38\% | \$1,254.30 |
| 3050-0-0 | badger meter inc. | BTU MONITOR,2 PULSE OUTS,PANEL MNT | 3050-0-0 | 1 | \$1,694.94 | 38\% | \$1,050.86 |
| 3050-0-1 | badger meter inc. | BTU MONITOR,2 PULSE OUTS, WALL MNT | 3050-0-1 | 1 | \$1,934,17 | 38\% | \$1,199.19 |
| 3050-1-0 | badger meter inc. | BTU MONITOR,2 PULSE OUTS W/ANALOG OUT,PANEL MNT | 3050-1-0 | 1 | \$2,123.04 | 38\% | \$1,316.28 |
| 3050-11 | badger meter inc. | BTU MONITOR,2 PULSE OUTS W/ANALOG OUT,WALL MNT | 3050-1-1 | 1 | \$2,257.63 | 38\% | \$1,399.73 |
| 310-00 | badger meter inc. | PROGRAMMABLE ANALOG FLOW TRANS | 310-00 | 1 | \$448.39 | 38\% | \$278.00 |
| 310-00-XR | badger meter inc. | program analog flow trans cal | kELE BOM | 1 | \$519.60 | 38\% | \$322.15 |
| 310-01 | badger meter inc. | TRANSMITTER/NEMA 4X ENCLOSURE | 310-01 | 1 | \$618.35 | 38\% | \$383.38 |
| 310-01-XR | badger meter inc. | TRANS/NEMA 4X ENClosure calib | KELE BOM | 1 | \$717.91 | 38\% | \$445.10 |
| 310-02 | badger meter inc. | TRANSMiter in metal enclosure | 310-02 | 1 | \$552.06 | 38\% | \$342.28 |
| 310-02-XR | badger meter inc. | TRANS. In Metal enclosure cali | KELE BOM | 1 | \$628.29 | 38\% | \$389.54 |
| 310-03 | badger meter inc. | TRANSMITTER IN PLASTIC ENClosu | 310-03 | 1 | \$574.07 | 38\% | \$355.92 |
| 310-03-XR | badger meter inc. | TRANS In PLASTIC ENCLOSURE CAL | KELE BOM | 1 | \$655.45 | 38\% | \$406.38 |
| 310-04 | badger meter inc. | transmitter w/din rail mount | 310-04 | 1 | \$498.56 | 38\% | \$309.11 |
| 310-04-XR | badger meter inc. | TRANS W/DIN RAIL MOUNT CALIBRA | KELE BOM | 1 | \$568.52 | 38\% | \$352.48 |
| 3100-0-0 | badger meter inc. | dUAL FLOW MON, 2 PULSE, 1 Ana, 4 RELAY, 12-24V | $3100-0-0$ | 1 | \$2,380.00 | 38\% | \$1,475.60 |
| 3100-1-0 | badger meter inc. | DUAL FLOW MON, 2 PULSE, 1 ANA, 4 RELAY, 120-240V | $3100-1-0$ | 1 | \$2,720.00 | 38\% | \$1,686.40 |
| 340-02 | bADGER METER INC. | METER IN METAL ENCLOSURE | 340-02 | 1 | \$1,194.00 | 38\% | \$740.28 |
| 3408N-00 | badger meter inc. | BTU XMITTER W/ BACNET OUTPUT | 3408N/MB-00 | 1 | \$1,107.00 | 38\% | \$686.34 |
| 3408N-02 | badger meter inc. | BTU XMITTER W/ BACNET OUTPUT METAL | 3408s/MB-02 | 1 | \$1,206.00 | 38\% | \$747.72 |
| 3408N-03 | badger meter inc. | BTU XMITTER W/ BACNET OUTPUT PLAS | 3408s/MB-03 | 1 | \$1,256.00 | 38\% | \$778.72 |
| 3408N-04 | badger meter inc. | bTU XMITTER W/ BACNET OUTPUT DIN | 3408N/MB-04 | 1 | \$1,147.00 | 38\% | \$711.14 |
| 340LW-00 | badger meter inc. | bTU XMITTER W/ LONWORKS | 340LW-00 | 1 | \$1,310.00 | 38\% | \$812.20 |
| 340LW-02 | badger meter inc. | BTU XMITTER W/ LONWORKS METAL | 340LW-02 | 1 | \$1,409.00 | 38\% | \$873.58 |
| 340LW-04 | badger meter inc. | BTU XMITTER W/ LONWORKS din | 340LW-04 | 1 | \$1,351.00 | 38\% | \$837.62 |
| 340N2-00 | badger meter inc. | BTU XMITTER W/ N2 OUTPUT | 340N2-00 | 1 | \$1,086.22 | 38\% | \$673.46 |
| 340N2-02 | badger meter inc. | BTU XMITTER W/ N2 OUTPUT METAL | 340N2-02 | 1 | \$1,179.94 | 38\% | \$731.56 |
| 340N2-03 | badger meter inc. | BTU XMITTER W/ N2 OUTPUT PLAS | 340N2-03 | 1 | \$1,226.79 | 38\% | \$760.61 |
| 340N2-04 | badger meter inc. | BTU XMITTER W/ N2 OUTPUT DIN | 340N2-04 | 1 | \$1,124.56 | 38\% | \$697.23 |
|  | 3700 BADGER METER INC. | DATA ACQUISITION SERVER | 3700 | 1 | \$4,698.59 | 38\% | \$2,913.13 |
|  | 37003 BADGER METER INC. | ENCLOSURE FOR 1500 SERIES FLOw MONitor | 37003 | 1 | \$253.73 | 38\% | \$157.31 |
| 380C507 | badger meter inc. | BTU METER,3/4IN PIPE,COLD SERVICE | 380007000-1200 | 1 | \$1,244.00 | 38\% | \$771.28 |
| 380 CS 10 | badger meter inc. | BTU METR, 1 IIN PIPE,COLD SERVICE | 380010000-1200 | 1 | \$1,268.00 | 38\% | \$786.16 |
| $380 \mathrm{CS12}$ | badger meter inc. | BTU METER,1 1/4IN PIPE,COLD SERVICE | 380012000-1200 | 1 | \$1,360.00 | 38\% | \$843.20 |
| $380 \mathrm{CS15}$ | badger meter inc. | BTU METRR, 1 1/İIN PIPE,COLD SERVICE | 380015000-1200 | 1 | \$1,389.00 | 38\% | \$861.18 |
| 380 CS 20 | bADGER METER INC. | BTU METER,2IN PIPE,COLD SERVIICE | 380020000-1200 | 1 | \$1,488.00 | 38\% | \$922.56 |
| 380H507 | badger meter inc. | BTU METER,3/4IIN PIPE,HOT SERVICE | 380107000-2202 | 1 | \$1,289.00 | 38\% | \$799.18 |
| 380HS10 | badger meter inc. | BTU METER,1IN PIPE,HOT SERVICE | 380110000-2202 | 1 | \$1,333.00 | 38\% | \$826.46 |
| 380HS12 | bADGER METER INC. | BTU METER, $11 /$ IIN PIPE,HOT SERVICE | 380112000-2202 | 1 | \$1,400.00 | 38\% | \$868.00 |
| 380HS15 | badger meter inc. | BTU METER, $11 / 2 \mathrm{IL}$ PIPE, HOT SERVICE | 380115000-2202 | 1 | \$1,457.00 | 38\% | \$903.34 |
| 380HS20 | badger meter inc. | BTU METER,2IN PIPE,Hot SERVICE | 380120000-2202 | 1 | \$1,532.00 | 38\% | \$949.84 |
| 400200-0021 | badger meter inc. | InLINE FLOW SENSOR $1 / 2$ IN | 400200-0021 | 1 | \$1,033.31 | 38\% | \$640.65 |
| 400210-0021 | badger meter inc. | INLINE FLOW SENSOR $1 / 2 \mathrm{IN}$ W/XMITTTER | 400210-0021 | 1 | \$1,383.31 | 38\% | \$857.65 |
| 401200-0021 | badger meter inc. | IN-LINE FLOW SENSOR W/ 3/4in PVC TAIL PCS. | 401200-0021 | 1 | \$863.60 | 38\% | \$535.43 |
| 401210-0021 | badger meter inc. | IN-LINE FLOW SENSOR W/ 3/4in TAIL PCS, 4-20MA | 401210-0021 | 1 | \$1,257.46 | 38\% | \$779.63 |
| 402200-0021 | badger meter inc. | IN-LINE FLOW SENSOR W/ 1 in PVC TAIL PCS. | 402200-0021 | 1 | \$893.64 | 38\% | \$554.06 |
| 402210-0021 | badger meter inc. | IN-LINE FLOW SENSOR W/ lin PVC TAIL PCS, 4-20MA | 402210-0021 | 1 | \$1,280.87 | 38\% | \$794.14 |
| 410200-0021 | badger meter inc. | InLINE FLOW SENSOR 3/4 In | 410200-0021 | 1 | \$1,114.44 | 38\% | \$690.95 |
| 410210-0021 | badger meter inc. | IN-LINE FLOW SENSOR W/ 1/2in PVC TAIL PCS, 4-20MA | 410210-0021 | 1 | \$1,336.22 | 38\% | \$828.46 |
| 411210-0021 | badger meter inc. | IN-LINE FLOW SENSOR W/ 3/4in PVC TALL PCS, 4-20MA | 411210-0021 | 1 | \$1,422.64 | 38\% | \$882.04 |
| 813107-1211 | badger meter inc. | SUB ASSEMBLY FOR 250B | 813107-1211 | 1 | \$548.00 | 38\% | \$339.76 |
| 813144-1211 | BADGER METER INC. | 225B/226b REPLACEMENT SENSOR | 813144-1211 | 1 | \$1,233.00 | 38\% | \$764.46 |
|  | 8132030 BADGER METER INC. | SPARE HOT TAP Valve for sdi series | 813203-0 | 1 | \$537.00 | 38\% | \$322.94 |
|  | 81873 BADGER METER INC. | GATE VALVE 2IN | 81873 | 1 | \$645.00 | 38\% | \$399.90 |
| A-1027 | badger meter inc. | BRASS TAPPING ADAPTER | A1027 | 1 | \$182.10 | 38\% | \$112.90 |
| A301-20 | badger meter inc. | PRogramming kit (PRogramming cable \& Software) | A301-20 | 1 | \$1,087.11 | 38\% | \$674.01 |
| A304-1M | badger meter inc. | 380 BTU METER SOFTWARE KIT | A304-1M | 1 | \$124.00 | 38\% | \$76.88 |
| HTT | badger meter inc. | HOT TAP INSERTION TOOL | нTT | 1 | \$982.46 | 38\% | \$609.13 |
| IR-220B | bADGER METER INC. | IRRIGATION SENSOR | 2208R0006-1211 | 1 | \$945.42 | 38\% | \$586.16 |
| IR-225B | badger meter inc. | IRRIGATION SENSOR | 2258R0006-1211 | 1 | \$1,726.15 | 38\% | \$1,070.21 |
| IR-2508-1 | badger meter inc. | IRRIGATION SENSOR | 2508R1006-1211 | 1 | \$991.35 | 38\% | \$614.64 |
| IR-2508-1.25 | badger meter inc. | IRRIGATION SENSOR | 2508R1206-1211 | 1 | \$1,023.27 | 38\% | \$634.43 |
| IR-250B-1.5 | badger meter inc. | irrigation sensor | 2508R1506-1211 | 1 | \$1,032.97 | 38\% | \$640.44 |
| M2K-010R-LC | badger meter inc. | 1IN/RUB/LOCAL MNT AMP | M2K-010R-LC | 1 | \$3,860.15 | 38\% | \$2,393.29 |
| M2K-010R-RM-N4X | bADGER METER INC. | IIN/RUB/REM MNT/N4X JBOX | M2K-010R-RM-N4X | 1 | \$4,339.08 | 38\% | \$2,690.23 |
| M2K-010R-RM-N6P | badger meter inc. | III/RUB/REM MNT/NGP JBOX | M2K-010R-RM-N6P | 1 | \$4,552.00 | 38\% | \$2,822.24 |
| M2K-010T-LC | bADGER METER INC. | 1iN/PTFE/LOCAL MNT AMP | M2K-010T-LC | 1 | \$3,994.25 | 38\% | \$2,476.44 |
| M2K-010T-RM-N4X | badger meter inc. | 1iN/PTFE/REM MNT/N4X JBOX | M2K-010T-RM-N4X | 1 | \$4,604.89 | 38\% | \$2,855.03 |
| M2K-010T-RM-N6P | badger meter inc. | 1in/PTEE/REM MNT/NGP JBOX | M2K-010T-RM-N6P | 1 | \$5,000.00 | 38\% | \$3,100.00 |
| M2K-0138-LC | badger meter inc. | 1-1/4IN/RUB/LOCAL MNT AMP | M2K-013R-LC | 1 | \$3,920.02 | 38\% | \$2,430.41 |
| M2K-013R-RM-N4X | badger meter inc. | 1-1/4IIN/RUB/REM MNT/N4X JBOX | M2K-013R-RM-N4X | 1 | \$4,530.65 | 38\% | \$2,809.00 |
| M2K-013R-RM-N6P | bADGER METER INC. | 1-1/4IINRUB/REM MNT/NGP JBOX | M2K-013R-RM-N6P | 1 | \$4,925.77 | 38\% | \$3,053.98 |
| M2K-013T-LC | BADGER METER INC. | 1-1/4IINPTFE/LOCAL MNT AMP | M2K-013T-LC | 1 | \$4,078.07 | 38\% | \$2,528.40 |
| M2K-013T-RM-N4X | bADGER METER INC. | 1-1/4II/PTTE/REM MNT/N4XJBOX | M2K-013T-RM-N4X | 1 | \$4,688.70 | 38\% | \$2,906.99 |
| M2K-013T-RM-N6P | bADGER METER INC. | 1-1/4IN/PTFE/REM MNT/N6P JBOX | M2K-013T-RM-N6P | 1 | \$5,083.81 | 38\% | \$3,151.96 |
| M2K-015R-LC | bADGER METER INC. | 1-1/2IN/RUB/LOCAL MNT AMP | M2K-015R-LC | 1 | \$3,994.25 | 38\% | \$2,476.44 |
| M2K-015R-RM-N4X | badger meter inc. | 1-1/2IIN/RUB/REM MNT/N4X JBOX | M2K-015R-RM-N4X | 1 | \$4,633.62 | 38\% | \$2,872.84 |
| M2K-015R-RM-N6P | badger meter inc. | 1-1/2IIN/RUB/REM MNT/NGP JBOX | M2K-015-RM-N6P | 1 | \$5,028.74 | 38\% | \$3,117.82 |
| M2K-015T-LC | badger meter inc. | 1-1/2IIN/PTEE/LOCAL MNT AMP | M2K-015T-LC | 1 | \$4,130.75 | 38\% | \$2,561.07 |
| M2K-015T-RM-N4X | bADGER METER INC. | 1-1/2IN/PTFE/REM MNT/N4XJBOX | M2K-015T-RM-N4X | 1 | \$4,741.38 | 38\% | \$2,939.66 |
| M2K-015T-RM-N6P | badger meter inc. | 1-1/2IN/PTFE/REM MNT/NGP JBOX | M2K-015T-RM-N6P | 1 | \$5,136.49 | 38\% | \$3,184.62 |
| M2K-020R-LC | bADGER METER INC. | 2IN/RUB/LOCAL MNT AMP | M2K-020R-LC | 1 | \$4,130.75 | 38\% | \$2,561.07 |
| M2K-020R-RM-N4X | badger meter inc. | 2II/RUB/REM MNT/N4X JBOX | M2K-020R-RM-N4X | 1 | \$4,741.38 | 38\% | \$2,939.66 |
| M2K-020R-RM-N6P | badger meter inc. | 2II/RUB/REM MNT/NGP JBOX | M2K-020R-RM-N6P | 1 | \$5,136.49 | 38\% | \$3,184.62 |
| M2K-020T-LC | badger meter inc. | 2IN/PTEE/LOCAL MNT AMP | M2K-020T-LC | 1 | \$4,264.85 | 38\% | \$2,644.21 |
| M2K-020T-RM-N4X | badger meter inc. | 2IN/PTFE/REM MNT/N4X JBOX | M2K-020T-RM-N4X | 1 | \$4,875.48 | 38\% | \$3,022.80 |
| M2K-020T-RM-N6P | bADGER METER INC. | 2IN/PTFE/REM MNT/NGP JBOX | M2K-020T-RM-N6P | 1 | \$5,270.59 | 38\% | \$3,267.77 |
| M2K-025R-LC | bADGER METER INC. | 2-1/2IN/RUB/LOCAL MNT AMP | M2K-025R-LC | 1 | \$4,366.94 | 38\% | \$2,707.50 |
| M2K-025R-RM-N4X | badger meter inc. | 2-1/2IIN/RUB/REM MNT/N4X JBOX | M2K-025-RM-N4X | 1 | \$4,717.43 | 38\% | \$2,924.81 |
| M2K-025R-RM-N6P | badger meter inc. | 2-1/2IN/RUB/REM MNT/NGP JBOX | M2K-025-RM-N6P | 1 | \$5,112.55 | 38\% | \$3,169.78 |
| M2K-025T-LC | badger meter inc. | 2-1/2IINPTFE/LOCAL MNT AMP | M2K-025T-LC | 1 | \$4,458.81 | 38\% | \$2,764.46 |
| M2K-025T-RM-N4X | badger meter inc. | 2-1/2II/PTEE/REM MNT/N4XJBOX | M2K-025-RM-N4X | 1 | \$5,069.44 | 38\% | \$3,143.05 |
| M2K-025T-RM-N6P | BADGER METER INC. | 2-1/2IN/PTFE/REM MNT/NGP JBOX | M2K-025T-RM-N6P | 1 | \$5,464.56 | 38\% | \$3,388.03 |

The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted Inctledl Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pane( 1 A ), and/or other similar device, which utilize certain procols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenance of Integrated Microprocessor-Based HVAC Equipment;

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtub showers, water fountains, water heaters hot water tanks, garbage disposal
2. General Ductwork, Piping, etc. shall not be obtained on these contracts
3. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not:
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
A. General Purpose IT, Telecommunications, Networking Cabing, Fiber Optics (e.g. phone, pbx, digital centrex, digital key systems, television, cable, T-Line, general broadband,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' $\mathbf{l}$ location in the event of a fire or emergency.


The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
. Itegrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc, which are Factory-Monted HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain scols (e.g. BACNet, LonTalk, Modbus,解

Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance: and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
) As part of the and in conjunction with the contractor providing the aforementioned install

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtub showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
B. Audio-Video equisment or systems (e.g. smart boards, projectors, studio broadcasting conference rooms video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mouted [Istalledl) Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
products by the authorized user. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor antroled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain procols (e.g. BAC ee, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtub .
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
. Chillers, Rooftop Units, boilers, air handlers, fan coil, uit ventiltor, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

BA/10K2H210DBB
BA/10K2-H210-D-EU
BA/10K2-H210-D-EU
BA/10k2-H210-D-EUO BA/10K2H210DWP BA/10K2H2100BB BA/10K2-H210-O-EUO BA/10K2H2100W

BA/10K2H210R BA/10K2H210RD | $\mathrm{BA} / 10 \mathrm{~K} 2-\mathrm{H} 300 \mathrm{D}-\mathrm{EU}$ |
| :--- |
| $\mathrm{BA} / 102 \mathrm{H} 330 \mathrm{D}$ | BA/10K2-H300-D-EU BA/10K2H3000WP

BA/10K2H3000BB BA/10K2H3000BB
BA/10K2H3000BB2 BA/10K-2-H300-O-EU BA/10K2H3000W
BA/10K2H300R BA/10K2H300R
BA/10K2H300RD $\mathrm{BA} / 10 \mathrm{~K}-2-\mathrm{H} 300-$ SPV
$\mathrm{BA} / 10 \mathrm{~K} 2-\mathrm{H} 310-\mathrm{D}-\mathrm{EU}$ BA $10 \mathrm{~K} 2-\mathrm{H} 310-\mathrm{D}-\mathrm{EU}$
$\mathrm{BA} / 1022 \mathrm{H} 310-\mathrm{D}-\mathrm{EUO}$ BA/10K2H310DWP BA/ 1010 2-H30-O-EU
BA 10 KH 3100 WP BA/10K2H310R BA/10K2H310RD $\mathrm{BA} / 10 K-3-11 K-H 200-\mathrm{RD}$
$\mathrm{BA} / 10 K-3-11 K-H 200-\mathrm{O}$ $B A / 1 / K-3-11 K-H 200-O-B B$
$B / 10 K-3-11 K-H 210-D B B$ BA/ $10 K-3-11 K-H 300-\mathrm{D}-\mathrm{BB}$ BA $10 K-3-111 K-H 300-D-E U$ $\mathrm{BA} A 10 \mathrm{~K}-3-11 \mathrm{~K}-\mathrm{H} 300-\mathrm{D}-\mathrm{W}$
$\mathrm{BA} / 10 \mathrm{~K}-3-11 \mathrm{~K}-\mathrm{H} 300 \mathrm{D}-\mathrm{EUO}$ BA/10K-3-11 - -H300-O-BB BA/ 10 K -3-11K-H300-O-EU $\mathrm{BA} / 10 \times 3$ - $\mathrm{H} 200-\mathrm{B}$
$\mathrm{BA} / 10 \mathrm{H} 3 \mathrm{H} 200 \mathrm{DB}$ $\mathrm{BA} / 10 \mathrm{~K} 3 \mathrm{H} 200 \mathrm{DBB}$
$\mathrm{BA} / 10 \mathrm{~K}-3 \mathrm{H} 200 \mathrm{D}-\mathrm{EU}$ BA/100-3--H200-D-EU
BA/10K3H2000W BA/10K3H2000BB BA/10K-3-H2000O-EU BA/10К3 32000 F
$\mathrm{BA} / 10 \mathrm{~K} 3 \mathrm{H} 200 \mathrm{R}$
 BA/10K3H2100WP
 $\mathrm{BA} / 10 \mathrm{~K} 3 \mathrm{H} 3000 \mathrm{BB}$
$\mathrm{BA} / 10 \mathrm{~K}-3 \mathrm{H} 300-\mathrm{O} \mathrm{EL}$ BA/10K3H3000wp BAA $10 K$ KH3000WP
BA/10KKH3100WP
BA $/ 10$ K BA/10К3H31008B BA/1KH2000BB
BA/1K-H200-D-EU $\mathrm{BA} / 1 \mathrm{~K}$-H200-D-EU
$\mathrm{BA} / 1 \mathrm{KH} 2000 \mathrm{BB}$ BA/1k-H2000-O-EU BA/1KH2000W
BA/ 1 KH200WD $\mathrm{BA} / 1 \mathrm{KH}$ H200RD
$\mathrm{B} / 1 \mathrm{~K}-\mathrm{H} 210 \mathrm{O}-\mathrm{EL}$ $\mathrm{BA} / 1 \mathrm{~K}$-H210-O-EU

$\mathrm{BA} / 1 \mathrm{KH} 300 \mathrm{DBB}$ | BA/KH300BB |
| :--- |
| BA/1K-H300-D.EU |
| BA/ | BA/1/KH3000WP

BA $/ 1$ K-H300-O-EU BA/1K-H300-O-EU
BA/KH3000WP BA/1KH3000
BA/KH300R BA/1K-H310-D-EU $B A / 1 / 1-H 310-D-E U$
$B A / 1177-H 200-B$
$B A / 1 K 7-H 200-B-D$
 BA/1K7-H200-D-EU
BA/1K7-H200-D-EUO BA/1K7-H200-O-EUO $\mathrm{BA} / 1177-\mathrm{H} 210-\mathrm{B}$
 BA/1K7-H210-D-EU
BA/1K7-H210-DEUO BA/1K7-H210-O-EUO BA/1K7-H30-D-EU BA/1K7-H300-DDEUO
BA/K7-H30-O-EUO BA/117-H300-O-EUO
BA/1K7-H310-DEU BA/1K7-H310-D-EUO BA/1K7-H310-O-EUO BA/11-H200-D-EUO
BA 1 KH2000WP BA/1KH2000W
BA/1KH200R BA/IKH200R
BA 1 -H205BD-J-DF
BA/K-H210-D-EU BA/1KH210R $\mathrm{BA} / 1 \mathrm{KH} 3000 \mathrm{BB}$
$\mathrm{BA} / 1 \mathrm{~K}-\mathrm{H} 310-\mathrm{O}-1$ BA/1K-NI-H210-BDF-Z-CG BA/1-NI-H210-O-BB ${ }^{\mathrm{BA}} / 20 \mathrm{~K}-\mathrm{H} 200 \mathrm{O}-\mathrm{OB}$ $\mathrm{BA} / 20 \mathrm{OK}-\mathrm{H} 210-\mathrm{BDD}-\mathrm{Z}-\mathrm{CG}$
$\mathrm{BA} / 2 \mathrm{~K}-\mathrm{C} 200-\mathrm{Cl}$ BA/2K-H300-O-WP BA/ 3 K-H300-D-EU $\mathrm{BA} / \mathrm{BCC} 2-10 \mathrm{M}-1$
$\mathrm{BA} / \mathrm{BSC} 2-\mathrm{OH}-10 \mathrm{M}$ $\mathrm{BA} / \mathrm{BSC}(2 \mathrm{OH}-10 \mathrm{M}$
$\mathrm{BA} / \mathrm{BSC} 2-10 \mathrm{M}-0$

BUILDING AUTOMATIION PRODUC DUCT H/T TRAN
BUILLING AUTTMAATITN PRODUC 2\% DUCT RH 0 -10V W/ABS PLSTC BX, 10 K2 THERM BUILDING AUTOMATION PRODUC $2 \%$ DUCT RH O TO OV XMTR W/WP BX, 10 KK 2 BUILDING AUTOMATION PRODUC OUTDOOR H/T TRANS
BUILDING AUTOMATION PRODUC $2 \%$ OSA RH $0-10 \mathrm{~V}$ W/UV PLSTC BX 10 K 2 THERM
BUILING AUTOMATION PRODUC $2 \%$ OSA RH $0-10 \mathrm{~V}$ W/WP BX $10 \mathrm{K2}$ THERM SUILDING A ATOMATTON PRODUC $2 \%$ SA RH 0 -10V W/WP BX 10K2 THERM
BUILING AUTOMATION PRODUC $2 \%$ DELTA RM RH 0-10V W/10K2 THERM BUILDING AUTOMATION PRODUC 2\% DELTA RM RH 0-10V W/DSPLY 10k2 THERM BUILDING AUTOMATION PRODUC $3 \%$ DUCT RH 4-20MA W/ABS PLSTC BX, 10 K 2 THERM BUILDING AUTOMATTON PRODUC $3 \%$ DUCT RH 4-2OMA W/UV PLSTC BX, 10 K 2 THERM
BUILING AUTOMATION PRODUC $3 \%$ DUCT RH 4-2OMA XMTR W/WP BXX 10 K 2 BUIDING AUTOMATION PRODUC HUMIDTTY OUTSIDE $3 \% 10 \mathrm{~K}$ - 24 -2OMA/O-5V BUILDING AUTOMATION PRODUC HUMIDITY OUTSIDE $3 \%$ 10K-2 4-20MA/0-5V BAPI BOX2 BUILDING AUTOMATION PRODUC OUTDOOR H/T TRANS
BUILDING AUTOMATION PRODUC $3 \%$ OSA RH 4-20MA XMTR W/WP BX, 10K2
BUILING AUTOMATION PRODUC $3 \%$ DELTA RM RH 4 -2OMA W/10K2 THERM BUILDING AUTOMATION PRODUC $3 \%$ DELTA RM RH 4-2OMA W/10K2 THERM
BUIIING AUTOMATION PRODUC $3 \%$ DELTA RM RH 4-20MA W/DSPIY 10K2 THER buILDING Automation produc humidit vivarium ohmic 3\% 10k-2/H300 BUILIING AUTOMATITON PRODUC $3 \%$ DUCT RH 0 - 10 V W/ABS PLSTC BX, 10 K 2 THERM BUILDING AUTOMATION PRODUC $3 \%$ DUCT RH $0-10 \mathrm{~V}$ W/UV PLSTC BX, 10 K 2 THERM
BUILDING AUTOMATION PRODUC $3 \%$ DUCT RH O TO 10 V XMTR W/WP BX, 10 K 2 BUILDING AUTOMATION PRODUC $3 \%$ OSA RH 0 -10V W/UY PISTC BX 10 K 2 THERM BUILDING AUTOMATION PRODUC 3\% OSA RH $0-10 \mathrm{~V}$ W/WP BX 10 K 2 THERM BUILDING AUTOMATION PRODUC 3\% DELTA RM RH 0-10V W/10K2 THERM BUILDING AUTOMATTON PRODUC $3 \%$ DELTA RM RH 0 -10V W/DSPLY 10 K 2 THERM
BUILIING AUTOMATION PRODUC RH TEMP SENSOR - ROOM BUILDING AUTOMATION PRODUC OUTDOOR H/T TRANS
BUILDING AUTOMATION PRODUC DUCT H/T TRANS
BUILDING AUTOMATION PRODUC DUCT H/T TRANS
BUILDING AUTOMATION PRODUC DUCT H/T TRANS
BUILING AUTOMATION PRODUCDUCT HUMDTI
BUILDIIGG AUTOMATION PRODUC DUCT HUMIDITY SENSOR
BUILING AUTOMATION PRODUC RH TEMP SENSOR - DUCT
BUIIDING AUTOMATION PRODUC OUTDOOR H/T TRANS
BUILIING AUTOMATION PRODUC OUTDOOR H/T TRAN
BUILDING AUTOMATION PRODUC $2 \%$ BAPI-STAT II RM RH 4 -2OMA XMTR, W/10K3
BUTO BUILDING AUTOMATION PRODUC DUCT H/T TRANS BUILDING AUTOMATION PRODUC $2 \%$ DUCT RH 4-2OMA XMTR W/WP BX, 10 K 3 BUILDING AUTOMATION PRODUC HUMIDITY OUTSIDE $2 \%$ 10K-3 4-20MA/O-5V BAPI BOX BUILLING AUTOMATION PRODUC HUMIDTTY OUTSIDE $2 \% 10 \mathrm{~K}$-3 4-20MA/0-5V EU BOX BUILDING AUTOMATION PRODUC $2 \%$ OSA RH 4-2OMA XMTR W/WP BX, 10 K 3
BUILIING AUTOMATION PRODUC $2 \%$ DELTA RM RH 4-20MA XMTR, W/10K3 BUILDING AUTOMATION PRODUC $2 \%$ DELTA RM RH 4-20MA XMTR, W/DSPLY, 10 K BUILDING AUTOMATION PRODUC $2 \%$ DUCT RH 0 TO 10 V XMTR W/WP BX, 10 K 3 BUILDING AUTOMATTON PRODUC $3 \%$ DUCT RH 4-2OMA XMTR W/WP BX, 10 OK 3 BUILDING AUTOMATION PRODUC HUMIDITY OUTSIDE 3\% 10K-3 4-20MA/O-5V BAPI BOX
BUILIING AUTOMATION PRODUC OUTDOOR HUMIDTY TRANSMITTER BUILDING AUTOMATION PRODUC 3\% OSA RH 4-2OMA XMTR W/WP BX, BUILDING AUTOMATION PRODUC $3 \%$ DUCT RH 0 TO 10 V XMTR W/WP BX, 10 K 3 BUILDING AUTOMATION PRODUC HUMIDTTY OUTSIDE $3 \% 10 \mathrm{~K}-30-10 \mathrm{~V}$ BAPI BOX BUILDING AUTOMATION PRODUC HUMIDTY DUCT1K 4 -2OMA/O-5V BAPI BOX
BUILING AUTOMATION PRODUC HUMIDTY DUCTIK 4 4-2MMA/O-5V EU BOX BUILDING AUTOMATION PRODUC HUMIDTTY OUTSIDE $2 \% 114$ 4-20MA 0 -5V BAPI BOX BUILDING AUTOMATION PRODUC HUMIDTTY OUTSIDE $2 \% 1 \mathrm{~K} 4-20 \mathrm{MA} / 0$-5V EU BOX BUILDING AUTOMATION PRODUC HUMIDITY OUTSIDE $2 \% 1$ K 4-20MA/O-5V WP BOX BUILDING AUTOMATION PRODUC HUM DELTA ENCL $2 \% 1 \mathrm{~K} 4-20 \mathrm{MA/O}$-SV W/ DISR
BUILING AUTOMATION PRODUC HUMIDTTY OUTSIDE $2 \% 1 \mathrm{~K} / 0-10 \mathrm{~V}$ EU BOX BUIILING AUTOMATION PRODUC HUMIDTTY DUCTIK 4 -20MA/O-5V BAPI BOX BUILDING AUTOMATION PRODUC HUMIDITY DUCT $3 \%$ 1K 4-2OMA/0-5V EU BOX BUILDING AUTOMATTON PRODUC HUMIDITY DUCT $3 \%$ 11 4-20MA/0-5V WEATHER PROOF BOX BUILDING AUTOMATION PRODUC HUMIDITY OUTSIDE $3 \% 1 \mathrm{~K} 4$-20MA/O-5V EU BOX
BUILING AUTOMATION PRODUC HUMIDTT OUTSIDE $3 \% 1 \mathrm{~K} 4-20 \mathrm{MAO}$-5V WP BOX BUILDING AUTOMATTON PRODUC HUM DELTA ENCL $3 \% 1 \mathrm{~K} 4$-2OMA/0-5V BUILLING AUTOMATION PRODUC HUMIDTTY DUCT $3 \% 1 \mathrm{~K} 0$-10V EU BOX BUILIDING AUTOMATITN PRODUC $2 \%$ BP-STAT II RM RH 4-20MA W/1K-375 RTD BULLLING AUTOMATION PRODUC $2 \%$ BP-STAT II RM RH 4-20MA W/DSPLY 11-375 RTD
BUILIING AUTOMATION PRODUC 2\% DUCT RH 4-20MA W/ABS PLSTC BX,1K-375 RTD BUILIIIG AUTOMATION PRODUC $2 \%$ DUCT RH 4-2OMA W/UV PLSTC BX,1K-375 RTD BUILDING AUTOMATION PRODUC $2 \%$ OSA RH 4-20MA W/UV PLSTC BX 1 1K-375 RTD BULLDING AUTOMATION PRODUC $2 \%$ BP-STAT II RM RH $0-10 \mathrm{~V}$ W/1k-375 RTD BUILIING AUTOMATION PRODUC $2 \%$ BP-STAT II RM RH 0 -10V W/DSPLY 1 K-375 RTD
BUILDING AUTOMATION PRODUC $2 \%$ DUCT RH 0 -10V W/ABS PLSTC BX,1K-375 RTD BUILDING AUTOMATION PRODUC $2 \%$ DUCT RH $0-10 \mathrm{~V}$ W/UV PLSTC BX 1 1K-375 RTD BUILDING AUTOMATION PRODUC $2 \%$ OSA RH $0-10 \mathrm{~V}$ W/UV PLSTC BX $1 \mathrm{1k}$-375 RTD BUILLING AUTOMATION PRODUC $3 \%$ DUCT RH 4-20MA W/ABS PLSTC BX,1K-375 RTD BUILDING AUTOMATION PRODUC $3 \%$ DUCT RH 4-2OMA W/UV PLSTC BX X, 1 IK-375 RTD
BUILIING AUTOMATION PRODUC $3 \%$ OSA RH 4-2OMA W/UV PLSTC BX 1 -375 RTD BUILDING AUTOMATION PRODUC $3 \%$ OSA RH 4-20MA W/UV PLSTC BX 1 1-375 RTD
BUILING AUTOMATION PRODUC $3 \%$ DUCT RH $0-10 V$ W/ABS PLSTC BX, 11-375 RTD BUILDING AUTOMATION PRODUC $3 \%$ DUCT RH $0-10 \mathrm{~V}$ W/UV PLSTC BX,1K-375 RTD BUILDING AUTOMATTON PRODUC $3 \%$ OSA RH 0-10V W/UV PLSTC BX 1 1-375 RTD BUILDING AUTOMATION PRODUC RH TEMP SENSOR - DUC
BUILDING AUTOMATION PRODUC RH TEMP SENSOR - DYC BUILDING AUTOMATION PRODUC RH EMP SENSOR - DUCT BUILDING AUTOMATION PRODUC HUMIDITY BS2 BOD 1 K NO SETPOINT O/R BUILDING AUTOMATION PRODUC RH TEMP SENSOR - DUCT BUILDING AUTOMATION PRODUC RH TEMP SENSOR - ROOM
BUILING AUTOMATION PRODUC RH TEMP SENSOR - OUTDOOR BUILIING AUTOMATION PRODUC OUTDOOR HT TRANS BUILDING AUTOMATION PRODUC DUCT H/T TRANS BUILDING AUTOMATION PRODUC OUTDOOR H/T TRANS
BUILING AUTOMATION PRODUC OUTDOOR H/T TRANS BUILLING AUTOMATION PRODUC OUTDOOR H/T TRA
BUILIING AUTOMATION PRODUC ROOM HTT TRANS BUILDIING AUTOMATION PRODUC ROOM H/T TRANS building automation produc outdoor h/T trans BUILDING AUTOMATION PRODUC HUMIDTTY SENSOR BUILIING AUTTMATION PRODUC BAPISTAT $2 \% 2$ CH/3 BTN/OVR/ 10 K BUILDING AUTOMATION PRODUC DEGREES C,HUMIDTY SE, BUILDING AUTOMATION PRODUC TEMP SENSOR - ROOM BUILINING AUTOMATION PRODUC BAPI-STAT SETPIINT RES 889-111 BUILDING AUTOMATION PRODUC ROOM H/T TRANS
BUILING AUTOMATION PRODUC ROOM H/T TRANS BULLIING AUTOMATION PRODUC ROOM H/T TRANS
BUILING AUTOMATION PRODUC ROOM H/T TRANS BUILDING AUTOMATION PRODUC RH TEMP SENSOR - ROOM

BA/10K2-H210-D-EUO

| BA/ $10 \mathrm{~K} 2-\mathrm{H} 210-\mathrm{D}-\mathrm{WP}$ |
| :--- |
| $\mathrm{BA} 10 \mathrm{~K}-2 \mathrm{H} 210-\mathrm{OB}$ |

BA/10K2-H210-O-EU
$B A / 10 K 2-H 210-\mathrm{O}-\mathrm{WP}$
3A/10K2-H210-O-W
BA/10K2-H210-R
BA/ $10 \mathrm{~K} 2-2 \mathrm{Hz110-R-D}$
$\mathrm{BA} / 10 \mathrm{~K} 2-\mathrm{H} 300-\mathrm{D}-\mathrm{EU}$
BA/10K2-H210-R-D
BA $10 K 2-H 30-D-E U$
$B A 10 K 2-H 30-D-E U O$
BA/10K2-H300-D-EUO
BA/10K2-H300-D-WP
$\mathrm{BA} / 10 \mathrm{~K}-2-\mathrm{H} 300-\mathrm{O}-\mathrm{BB} 2$
$\mathrm{BA} / 10 \mathrm{~K}-\mathrm{H} \mathbf{- 1 3 0 0 - O - E U}$
$\mathrm{BA} / 10 \mathrm{~K} 2-\mathrm{H} 300-\mathrm{O}-\mathrm{W}$
$\mathrm{BA} / 10 \mathrm{~K} 2-\mathrm{H} 300 \mathrm{R}$
$B A / 10 K 2-H 300-R$
$B A / 10 K 2-H 300-R-D$
BA/10K-2-H300-SPV
BA/10K2-H310-D-EU
BA/10K2-H310-D-EUO
BA $10 K 2-H 310-D-W P$
AA/10K2-H310-D-WP
$\mathrm{BA} / 10 \mathrm{~K} 2-\mathrm{Hz110-O-W}$
$\mathrm{BA} / 10 \mathrm{~K} 2-\mathrm{H} 310-\mathrm{R}$
$\mathrm{BA} / 10 \mathrm{~K} 2-\mathrm{H} 310-\mathrm{R}$
$\mathrm{BA} / 10 \mathrm{~K} 2 \mathrm{H} 310-\mathrm{R}-\mathrm{D}$
BA 10 /10K-3-3-11K-H200-RD
$B A / 10 K-3-111 K-H 200-O-B B$
$3 A / 11 K-3-11 K-H 210-D-B B$
BA $10 K-3-1111$--H210-D-BB
BA $110 K-3-31 K-H 300-D-B B$
BA/10K-3-3-11K-H3000-D-WU
BA/10K-3-11K-H300-D-EUO
BA/ $10 K-3-11 K-$-H300-O--EU
$3 A / 10 K-3-3-1220-B-X-Z-C 6$
$B A / 10 K-3-H 200-D-B B$
BA/10K-3-H200-D-BE
A/10K3-H200-D-WP
BA/10K-3-H200-O-EU
BA/ $10 \mathrm{~K} 3-\mathrm{H} 200-\mathrm{O}-\mathrm{W}$
BA/10K3-H200-R-D
BA/10K3 $3210-D-W P ~$
BA/10K3 3 -H300-D-WP
BA/10K-3--- $300-\mathrm{O}-\mathrm{BB}$
$\mathrm{BA} / 10 \mathrm{~B}-\mathrm{H} 300-\mathrm{O}-\mathrm{EU}$
BA/10K3-H300-O-WP
BA/1003-H310-D-WP
BA $10 K-3-H 310-\mathrm{OBB}$
BA/11--H200-D-BB
BA/K-H200-D-EU
BA/1K-H200-O-EU
BA/K-H200-O-WP
BA/1K-H200-RD
$A 11 K-H 210-O-E U$
BA/1K-H300-D-EU
BA/1K-H300-D-WP
BA/11K-H300-O-EU
BA/1K-H300-O-WP
BA/1K-H300-R
BA/1K-H310-D-EU

A/1K7-H200-D-EU
BA/1K7-H200-D-EUO
BA/1K-7-H2010-B-X-Z-CG
BA/ 1 K-7-H210-B-D--Z-CG

| BA11-7-7-H210-B-D-F--Z |
| :--- |
| BA/1K7-H210-D |

A/1K7-H210-D-EU
BA/1K7-H210-O-EU
BA/1K7-H300-DU
AA/1K7-H300-D-EUO
BA/1K7-H300-O-EU
BA/K7-H310-D-EU
BA/1K7-H310-D-EUO
BA/1K7-H310-O-EU
$\mathrm{BA} / 1$ K-H200-D-EUO
$\mathrm{BA} / 1 \mathrm{H}-\mathrm{H} 200-\mathrm{D}-\mathrm{WP}$
$B A / 1 K-H 200-D-$ W
$B A / 1 K-H 200-R$
BA/11-H2050-BDF-J-DF
BA/11K-H210-D-EU
$\mathrm{BA} / 1 K-\mathrm{H} 210 \mathrm{R}$
$\mathrm{BA} / 1 \mathrm{H}-\mathrm{H} 00-\mathrm{O}-\mathrm{B}$
BA/1K-H300-O-BB
BA/1K-NI-H210-BDF-Z-CG
BA/1K-NI-H210-O-BB
BA/20K-H200-O-BB
A/20K-H210-BDF-Z-CG
BA/2K-H300-O-WP
BA/3K-H300-D-EU
$B A B S C 2-10 M-1$
$B A B C C 2-O H-10 M$

| BABSC2-OH-10M |
| :--- |
|  |
| $A A B C C 2-10 M-0$ |

BABCSC2-10M-0
BABSC2-10M-10311
BA/BSF2-10M-20C20CG-102
BA/BSF2-11M-25D00CG-10311
A/BSF2-16M-25D10CG-61CG-20

BA/BSF2-2D-10M-611CG-102
 -

$\$ 314.34$

The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Itegrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mourded HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor年trolled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel ( 1 AP), and/or other similar device, which utilize certain hocols (e.g. BAC LenTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
of Integrated Microprocessor-Based HVAC Equipment;

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtub .
General Ductwork, Piping, etc. shall not be obtained on these contracts
Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not:
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and faciity system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' $\mathbf{l o c a t i o n ~ i n ~ t h e ~ e v e n t ~ o f ~ a ~ f i r e ~ o r ~ e m e r g e n c y . ~}$

| Model Nomber | Sturer Prostct Dosatiplion | uct Code | $\begin{gathered} \text { "Warranty Period - \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54 \text { " } \end{gathered}$ | List Price | \% Discount | Nv |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BA/BSF2-3C-11M-10311 | BUILDING AUTOMATION PRODUC ROOM H/T TRANS | BA/BSF2-3C-11M-10311 | 1 | \$507.00 | 38\% | \$314.34 |
| BA/BSF2-3D-11M-1 | Building automation produc room h/t trans | BA/BSF2-3D-11M-1 | 1 | \$515.00 | 38\% | \$319.30 |
| BA/BSF2-3E11M27N00CG102C11LT | BUILDING AUTOMATION PRODUC ROOM H/T TRANS | BA/BSF2-3E11M27N00CG102C11LT | 1 | \$579.00 | 38\% | \$358.98 |
| BA/BSF2-3G-11M-10311 | BUILDING AUTOMATION PRODUC RH TEMP SENSOR - ROOM | BA/BSF2-3G-11M-10311 | 1 | \$507.00 | 38\% | \$314.34 |
| BA/BSF-24880CG-60CG-102-TB | Building automation produc rh temp sensor - Room | BA/BSF-24880CG-60CG-102-TB | 1 | \$367.00 | 38\% | \$227.54 |
| BA/BSF2-4M-10M-20860CG-1 | BUILDING AUTOMATION PRODUC ROOM H/T TRANS | BA/BSF2-4M-10M-20860CG-1 | 1 | \$574.00 | 38\% | \$355.88 |
| BA/BSE2-4M-10M-24C65CG-20 | Building automation produc rh temp sensor - Room | BA/BSE2-4M-10M-24C65CG-20 | 1 | \$565.00 | 38\% | \$350.30 |
| BA/BSF-25D00CG-10311 | BUILDING AUTOMATION PRODUC RH TEMP SENSOR - ROOM | BA/BSF-25D00CG-10311 | 1 | \$348.00 | 38\% | \$215.76 |
| BA/BSF2-5M-11M-25C00CG-1 | BUILDING AUTOMATION PRODUC RH TEMP SENSOR - ROOM | BA/BSF2-5M-11M-25C00CG-1 | 1 | \$574.00 | 38\% | \$355.88 |
| BA/BSF2-7C-16M-103 | BUILDING AUTOMATION PRODUC ROOM H/T TRANS | BA/BSF2-7C-16M-103 | 1 | \$507.00 | 38\% | \$314.34 |
| BA/BSF2-8M-16M | builiing automation produc bapistat room temp sensor | BA/BSF2-8M-16M | 1 | \$491.00 | 38\% | \$304.42 |
| BA/CERT-HUM-SPECIIFIC | BUILIIING AUTOMATION PRODUC HUM CAL CERT | BA/CERT-HUM-SPECIIFIC | 1 | \$210.00 | 38\% | \$130.20 |
| BA/DP05-Bx-z | building automation Produc dew point bs2 b no rth/no Set/no ovr | BA/DP05-Bx-z | 1 | \$870.00 | 38\% | \$539.40 |
| BA/DP05-B4x-z-wmw | BUILDING AUTOMATION PRODUC DEw Point bs4 Bx wmw | BA/DP05-84x-z-wmw | 1 | \$870.00 | 38\% | \$539.40 |
| BA/H200-D-EU | BUILDING AUTOMATION PRODUC HUMIDITY DUCT1K 4-20MA0-5V EU BOX | BA/H200-D-EU | 1 | \$343.00 | 38\% | \$212.66 |
| BA/H200-D-EUO | BUILDING AUTOMATION PRODUC $2 \%$ DUCT RH 4-20 MA WITH UV PLASTIC BOX | BA/H200-D-EUO | 1 | \$355.00 | 38\% | \$220.10 |
| Ba/H200-O-EU | BUILLING AUTOMATION PRODUC HUMIDITY OUTSIDE 2\% 4-20MA/0-5V EU BOX | BA/H200-O-EU | 1 | \$349.00 | 38\% | \$216.38 |
| BA/H200-O-EUO | BUILIING AUTOMATION PRODUC $2 \%$ DUCT RH 4-20 MA WITH UV PLASTIC BOX | BA/H200-O-EU | 1 | \$384.00 | 38\% | \$238.08 |
| BA/H200-D-WP | BUILDING AUTOMATION PRODUC $2 \%$ DUCT RH 4-20MA XMTR W/WP BX | BA/H200-D-WP | 1 | \$353.00 | 38\% | \$218.86 |
| BA/H2000BB2 | building Automation produc outside humidit sensor | BA/H200---BB2 | 1 | \$342.56 | 38\% | \$212.39 |
| BA/H2000WP | BUILIING AUTOMATION PRODUC $2 \%$ OSA RH 4-20MA XMTR W/WP BX | BA/H200-O-wP | 1 | \$366.00 | 38\% | \$226.92 |
| BA/H200R | BUILDING AUTOMATION PRODUC $2 \%$ DELTA RM RH 4-20MA XMTR | BA/H200-R | 1 | \$340.00 | 38\% | \$210.80 |
| BA/H200RD | BUILDING AUTOMATION PRODUC $2 \%$ DELTA RM RH 4-20MA XMTR, W/DSPLY | BA/H200-R-D | 1 | \$373.00 | 38\% | \$231.26 |
| BA/H210-BDF-Z-CG | BUILLING AUTOMATION PRODUC BAPISTAT 2 TEMP HUMIDITY OR CO | BA/H210-BDF-Z-CG | 1 | \$392.00 | 38\% | \$243.04 |
| BA/H210DBB | BUILDING AUTOMATION PRODUC DUCT HUM TRANS | BA/H210-D-BB | 1 | \$343.00 | 38\% | \$212.66 |
| BA/H210DWP | BUILLING AUTOMATION PRODUC $2 \%$ DUCT RH 0 TO 10 V XMTR $\mathrm{W} / \mathrm{WP}$ BX | BA/H210-D-WP | 1 | \$324.00 | 38\% | \$200.88 |
| BA/H2100WP | BUILIING AUTOMATION PRODUC HUMIDTTY SENSOR - OUTDOOR | BA/H210-O-wP | 1 | \$342.56 | 38\% | \$212.39 |
| BA/H210R | BUILDING AUTOMATION PRODUC $2 \%$ dELTA RM RH 0 TO 10 V XMTR | BA/H210-R | 1 | \$325.00 | 38\% | \$201.50 |
| BA/H210RD | BUILDING AUTOMATION PRODUC $2 \%$ DELTA RM RH 0-10V W/DSPLY | BA/H210-R-D | 1 | \$373.00 | 38\% | \$231.26 |
| BA/H220-BX-Z-CG | BUILLING AUTOMATION PRODUC ROOM HUM TRANS | BA/H220-BX-z-CG | 1 | \$338.00 | 38\% | \$209.56 |
| BA/H300-D-EU | BUILDING AUTOMATION PRODUC HUMIDTTY DUCT 3\% 4-20MA/O-5V EU BOX | BA/H300-D-EU | 1 | \$318.00 | 38\% | \$197.16 |
| BA/H300-D-EUO | BUILLING AUTOMATION PRODUC $2 \%$ DUCT RH 4-20 MA WITH UV PLASTIC BOX | BA/H300-D-EUO | 1 | \$329.00 | 38\% | \$203.98 |
| BA/H300-O-EU | BUILILING AUTOMATION PRODUC HUMIDTTY OUTSIDE 3\% 4-20MA/0-5V EU BOX | BA/H300-O-EU | 1 | \$324.00 | 38\% | \$200.88 |
| BA/H300Dwp | BUILDING AUTOMATION PRODUC $3 \%$ DUCT RH 4-20MA XMTR W/WP BX | BA/H300-D-wP | 1 | \$342.56 | 38\% | \$212.39 |
| ва/Нзооовв | BULLILING AUTOMATION PRODUC HUMIDITY SENSOR - OUTDOOR | BA/H300-О-в | 1 | \$342.56 | 38\% | \$212.39 |
| BA/H3000вB2 | BUILDING AUTOMATION PRODUC OUTDOOR HUMIDITY TRANSMITTER | BA/H300-О-вВ2 | 1 | \$342.56 | 38\% | \$212.39 |
| BA/H300R | BUILDING AUTOMATION PRODUC 3\% DELTA RM RH 4-20MA XMTR | BA/H30-R | 1 | \$298.00 | 38\% | \$184.76 |
| BA/H310DBB | BUILDING AUTOMATION PRODUC DUCT HUMIDITY SENSOR W/ ENCL | BA/H310-D-BB | 1 | \$342.56 | 38\% | \$212.39 |
| BA/H310R | BUILIING AUTOMATION PRODUC 3\% DELTA RM RH 0-10V | BA/H310-R | 1 | \$300.00 | 38\% | \$186.00 |
| BA/H310RD | BUILIING AUTOMATION PRODUC $3 \%$ DELTA RM RH 0-10V W/DSPLY | BA/H310-R-D | 1 | \$343.00 | 38\% | \$212.66 |
| BA/LCH2-RSD | BUILLING AUTOMATION PRODUC LON $2 \%$ RH DELTA ENCL SETPOINT display | BA/LCH2-RSD | 1 | \$456.00 | 38\% | \$288.72 |
| BA/LCH2-RSOD | BUILDING AUTOMATION PRODUC LON $2 \%$ RH DELTA ENLL SETPOINT W/ O/R DISPLAY | BA/LCH2-RSOD | 1 | \$507.00 | 38\% | \$314.34 |
| BA/LCH2-R | BUILDING AUTOMATION PRODUC ROOM H/T TRANS | BA/LCH2-R | 1 | \$398.86 | 38\% | \$247.29 |
| BA/LCH2-RD | BuILDING AUTOMATION Produc room h/t trans | BA/LCH2-RD | 1 | \$434.50 | 38\% | \$269.39 |
| BA/10K-3-11K-H200-D-BB | BUILDING AUTOMATION PRODUC HUMIDITY DUCT10K-311K 4-20MA/0-5V BAPI BOX | BA/10K-3-11K-H200-D-BB | 1 | \$366.00 | 38\% | \$226.92 |
| BA/10K-3-111K-H200-D-EU | BUILDING AUTOMATION PRODUC HUMIDITY DUCT 10K-311K 4-20MA/0-5V EU BOX | BA/ $10 \mathrm{~K}-3-111 \mathrm{~K}$-H200-D-EU | 1 | \$366.00 | 38\% | \$226.92 |
| BA/10K-3-11K-H200-D-WP | BUILDING AUTOMATION PRODUC HUMIDITY DUCT $2 \% 10 \mathrm{~K}$-311K 4-20MA/0-5V WP BOX | BA/10K-3-111-H200-D-WP | 1 | \$366.00 | 38\% | \$226.92 |
| BA/10K-3-11K-H200-O-EU | BUILDING AUTOMATION PRODUC HUMIDITY OUTSIDE $2 \% 10 \mathrm{~K}$-311K 4-20MA/0-5V EU BOX | BA/10K-3-111-H200-O-EU | 1 | \$372.00 | 38\% | \$230.64 |
| BA/10K-3-11K-H200-O-WP | BUILIING AUTOMATION PRODUC HUMIDITY OUTSIDE $2 \% 10 \mathrm{~K}$-311K 4-20MA/0-5V WP BOX | BA/10K-3-11K-H200-O-WP | 1 | \$372.00 | 38\% | \$230.64 |
| BA/10K-3-11K-H300-О-ВB2 | BUILIING AUTOMATION PRODUC HUMIDITY OUTSIIE $3 \% 10 \mathrm{~K}$-311K 4-20MA/0-5V BAPI BOX2 | BA/ $10 \mathrm{~K}-3-11 \mathrm{~K}$ - 3 300-O-BB2 | 1 | \$346.00 | 38\% | \$214.52 |
| BA/10K-3-11K-H300-O-WP | BUILILING AUTOMATION PRODUC HUMIDITY OUTSIDE 3\% 10k-311/ 4-20MA//-5V WP BOX | BA/10K-3-11K-H300-O-wp | 1 | \$332.60 | 38\% | \$206.21 |
| BA/BS4XC-C-2-20M16--z-1-CG-WMW | BUILDING AUTOMATION PRODUC BS4 X -COMBO $2 \%$ RH SETPOINT NO O/R 1 IK RTD DIR SEN | BA/BS4XC-C-2-20M16-Z-1-CG-WMW | 1 | \$452.00 | 38\% | \$280.24 |
| BA/BS4XC-F-2-10GG16-20M16-ZWMW | BUILDING AUTOMATION PRODUC BS4 X-COMBO $2 \%$ RH SETPOINT O/R | BA/BS4XC-F-2-10G616-20M16-ZWMW | 1 | \$506.00 | 38\% | \$313.72 |
| BA/BSF2-11M-24B80CG-102-TB | BUILIING AUTOMATION PRODUC BAPISTAT $2 \% 2 \mathrm{CH} / 3$ BTN/OVR/ $/ 10 \mathrm{~K}$-311K | BA/BSF2-11M-24880CG-102-TB | 1 | \$505.00 | 38\% | \$313.10 |
| BA/BSF2-11M-25D00cG-61CG-0311 | Building Automation produc bapistat $2 \% 2 \mathrm{CH} / 3$ BTN/OVR/ $/ 10 \mathrm{~K}-311 \mathrm{~K}$ | BA/BSF2-11M-25D00CG-61CG-10311 | 1 | \$497.00 | 38\% | \$308.14 |
| BA/BFF2-3C-11M-27N00CG-103 | BUILIING AUTOMATION PRODUC BAPISTAT $2 \% 3$ CH/5 BTN/10K-3 | BA/BSF2-3C-11M-27N00CG-103 | 1 | \$553.00 | 38\% | \$342.86 |
| BA/BSF2-3D-11M-27M00CG-103-GRY | BUILIING AUTOMATION PRODUC BAPISTAT $2 \% 3 \mathrm{CH} / 5$ BTN/10K-3 | BA/BSF-3D-11M-27M00CG-103-GRY | 1 | \$553.00 | 38\% | \$342.86 |
| BA/BSF2-4M-10M-24D60CG-ofw | BUILIING AUTOMATION PRODUC BAPISTAT $2 \% 3$ CH/5 BTN/OFW | BA/BSF2-4M-10M-24D60CG-OFW | 1 | \$532.00 | 38\% | \$329.84 |
| BA/BSF2-5M-11M-24C60CG-61CG103 |  | BA/BSF2-5M-11M-24C600CG-61CG103 | 1 | \$553.00 | 38\% | \$342.86 |
| BA/BSF2-5M-11M-25D00CG-10311 | BUILIING AUTOMATION PRODUC BAPISTAT $2 \% 3$ CH/5 BTN/10K-311K | BA/BSF2-5M-11M-25D00CG-10311 | 1 | \$553.00 | 38\% | \$342.86 |
| BA/BS4MCOM-F-2-D-LO-WMW-SDO-ZM | \ BUILILING AUTOMATION PRODUC BAPI-COMM PUSH BUT WITH OVERRRDE TEMP/RH W/SP DISP | SEE DESCRIPTION | 1 | \$516.00 | 38\% | \$319.92 |
| BA/BS4MCOM-----D-M-wMw-00-z-M0 | building Automation produc bapi-comm push but with overrde temp/rh no overrde | SEe description | 1 | \$607.00 | 38\% | \$376.34 |
| BA/BS4MCOM-F--C-D-D.WMW-SDD--00 | NBUILILING AUTOMATION PRoduc bapi-comm Push but with override temp/rh 0-5 vDC | see description | 1 | \$67.00 | 38\% | \$376.34 |
| BA/BS4MCOM--C-C-C-L-WMW-SDO-80 | building automation produc bapl-comm push but with override set pt disp | SEE description | 1 | \$460.00 | 38\% | \$285.20 |
| BA/BS4MCOM-F-D-D-WMW-00-Z-00-C | BUILİING AUTOMATION PRoduc bapi-comm push but with override $0-5$ VDC No ovrrde | SEE description | 1 | \$460.00 | 38\% | \$285.20 |
| BA/BS4MCOM--GG-GG-LO-GRY-00-N | building automation produc bapi-comm push but with override | SEE DESCRIPTION | 1 | \$379.00 | 38\% | \$234.98 |
| BA/H200-R-W/CERT | BUILDING AUTOMATION PRODUC DELTA STYLE ROOM SENSOR W/CERT | BA/H200-R W/CERT-HUM-SPEC | 1 | \$520.00 | 38\% | \$322.40 |
| BA/T100-30-130F-H200-O-WP | BUILDING AUTOMATION PRODUC T100 4-2OMA + RH OSA SENSOR WEATHER PROOF BOX | BATT100-30-130F-H200-O-WP | 1 | \$528.00 | 38\% | \$327.36 |
| BA/T11-30-130-H200-O-BB | BUILIING AUTOMATION PRODUC T1K 4-20MA + RH OSA SENSOR BAPI BOX | BA/T11-30-130-H200-O-BB | 1 | \$528.00 | 38\% | \$327.36 |
| LSEASE2H | BUILILING AUTOMATION PRODUC LOGISTAT2, RS ENC, TEMP AND HUM 0-5VDC/0-100\% | LSEASE2H | 1 | \$10,858.00 | 38\% | \$6,731.96 |
| BA/LDT1-PS-BB | Building automation produc leak det 0.5A ReLay integral sensor | BA/LDT1-PS-BB | 1 | \$195.58 | 38\% | \$121.26 |
| BA/LDT1-RS10-BB | building automation produc leak det 0.5A relay rem 10FT Sensor | BA/LDT1-RS10-BB | 1 | \$206.72 | 38\% | \$128.17 |
| BA/LDT1-RS25-BB | BUILIING AUTOMATION PRODUC LEAK DET 0.5A RELAY REM 25FT SENSOR | BA/LDT1-RS25-BB | 1 | \$225.29 | 38\% | \$139.68 |
| BA/LDT1-RS5-BB | BUILLING AUTOMATION PRODUC LeAK det 0.5A RELAY REM 5FT SENSOR | BA/LDT1-RS5-BB | 1 | \$200.53 | 38\% | \$124.33 |
| BA/LDT2-PS-BB | building automation produc leak det two 0.5A ReLays integral sensor | BA/LDT2-PS-BB | 1 | \$207.96 | 38\% | \$128.94 |
| BA/LDT2-R10-BB | building automation produc leak det two 0.5A ReLAYs rem 10FT Sensor | BA/LDT2-RS10-BB | 1 | \$219.10 | 38\% | \$135.84 |
| B//LDT2-RS25-BB | building automation produc leak det two 0.5A Relays rem 25f Sensor | BA/LDT2-RS25-BB | 1 | \$237.67 | 38\% | \$147.36 |
| BA/LDT2-RS5-BB | BUILIING AUTOMATION PRODUC LEAK Det two 0.5A RELAYS REM 5FT SENSOR | BA/LDT2-RS5-BB | 1 | \$212.91 | 38\% | \$132.00 |
| BA/LDT3-PS-BB | building automation produc leak det 5a relay integral sensor | BA/LDT3-PS-BB | 1 | \$203.01 | 38\% | \$125.87 |
| BA/LDT3-R10-BB | BUILDING AUTOMATION PRODUC LEAK DET 5A RELAY REM 10FT SENSOR | BA/LDT3-R10-BB | 1 | \$214.15 | 38\% | \$132.77 |
| BA/LDT3-R225-BB | BUILDING AUTOMATION Produc leak det 5a relay rem 25FT SENSOR | BA/LDT3-RS25-BB | 1 | \$232.71 | 38\% | \$144.28 |
| BA/LDT3-RS5-BB | Building automation produc leak det 5a relay rem 5ft sensor | BA/LDT3-RS5-BB | 1 | \$207.96 | 38\% | \$128.94 |
| BA/LDT-PS-BB | building automation produc leak det two 5a reahys integral sensor | BA/LDT-PS-BB | 1 | \$215.38 | 38\% | \$133.54 |
| BA/LDT4-R10-BB | building automation produc leak det two 5a relays rem 10ft sensor | BA/LDT4-RS10-BB | 1 | \$226.53 | 38\% | \$140.45 |
| BA/LDT4-R25-BB | building automation produc leak det two 5a relays rem 25ft sensor | BA/LDT4-R225-BB | 1 | \$245.09 | 38\% | \$151.96 |
| BA/LDT4-RS5-BB | building automation produc leak det two 5a relays rem 5ft sensor | BA/LDT4-RS5-BB | 1 | \$220.34 | 38\% | \$136.61 |
| BA/BP2 | BUILILING AUTOMATION PRODUC BP2 BACK PLANE 2 POSITton | BA/BP2 | 1 | \$41.00 | 38\% | \$25.42 |
| BA/BS2-WT | BUILDING AUTOMATION PRODUC RF ROOM TEMP XMTR, 418MHZ @1Mw | BA/BS2-WT | 1 | \$225.65 | 38\% | \$139.90 |
| BA/BS2-WT-O | BUILDING AUTOMATION PRODUC WIRELLESS TEMP XMTR W/OVERRIDE | BA/BS2-WT-0 | 1 | \$335.20 | 38\% | \$207.82 |
| BA/BS2-WT-S | BUILDING AUTOMATION PRODUC WIRELESS TEMP XMTR W/SETPOINT | BA/BS2-WT-S | 1 | \$329.57 | 38\% | \$204.33 |
| BA/BS2-WT-SO | Building automation Produc wireless temp xmTr w/OVERRIDE/SEtPoint | BA/BS2-WT-SO | 1 | \$341.80 | 38\% | \$211.92 |
| BA/BS2-WTH | BUILDING AUTOMATION PRODUC RF ROOM TEMP/RH XMTR, 418MHZ @1MW | BA/BS2-WTH | 1 | \$445.42 | 38\% | \$276.16 |
| BA/COM-AO-EZ | building automation produc 4-20Ma, CURRENT OUtPUT MODULE | BA/COM-AO-EZ | 1 | \$175.00 | 38\% | \$108.50 |
| BA/COM-C-C-EZ | BUILIING AUTOMATION PRODUC WIRELESS OUTPUT MODULE 4-20MA 10 To 32 C | BA/COM-C-C-EZ | 1 | \$236.00 | 38\% | \$146.32 |
| Ba/COM-D | BUILDING AUTOMATION PRODUC CURRENT OUTPUT MODULE | Ba/COM-D | 1 | \$193.00 | 38\% | \$119.66 |
| BA/DS6R | BUILDING AUTOMATION PRODUC DRY SWITCH MONITOR 30K OUTPUT | BA/DS6R | 1 | \$127.00 | 38\% | \$78.74 |
| BA/DS6R-10k | BUILDING AUTOMATION PRODUC DRY CONTACT MONITOR 10K OUTPUT | BA/DS6R-10K | 1 | \$127.00 | 38\% | \$78.74 |
| BA/COM-C-Ez | building Automation produc 4-20 MA O/P MOD, 50 TO 90 F,din | BA/Ez-Com-C | 1 | \$175.00 | 38\% | \$108.50 |
| BA/COM-D-Ez | BUILIING AUTOMATION PRODUC 4 -20 MA O/P MOD,55 TO 85 F,Din | BA/Ez-COM-D | 1 | \$175.00 | 38\% | \$108.50 |
| BA/COM-E-EZ | BUILDING AUTOMATION PRODUC 4 -20 MA O/P MOD,60 TO 80 F,Din | BA/Ez-COM-E | 1 | \$175.00 | 38\% | \$108.50 |
| Ba/COM-F-Ez | building automation produc 4-20 MA O/P MOD,65 TO 80 F,din | BA/Ez-COM-F | 1 | \$175.00 | 38\% | \$108.50 |
| BA/COM-H-EZ | BUILDING AUTOMATION PRODUC 4-20 MA O/P MOD,-20 TO 120 F,DIN | BAEEZ-COM-H | 1 | \$175.00 | 38\% | \$108.50 |
| BA/COM-Kk-EZ | BUILDING AUTOMATION PRODUC 4-20 MA O/P MOD,32 TO 185 F,DIN | BA/EZ-COM-Kk | 1 | \$175.00 | 38\% | \$108.50 |
| Ba/COM-M-Ez | BUILDING AUTOMATION PRODUC $4-20 \mathrm{MA} \mathrm{O/P} \mathrm{MOD}$,0 -100\% RH,DIN | BAEEZ-COM-M | 1 | \$175.00 | 38\% | \$108.50 |
| ba/COM-Mm-Ez | BUILIIING AUTOMATION PRODUC 4-20 MA O/P MOD,-40 TO 140 F,din | BA/Ez-COM-Mm | 1 | \$175.00 | 38\% |  |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted Inctalled], Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor ontrolled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain prlocols (e.g. BACNe, LonTalk, Modbus, platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtub owers, water fountains, water heaters hot water tanks, garbage disposa
2. General Ductwork, Piping etce shall not be obtained on these contract

Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not:
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
B. Audio-Video equi, orent or systems (e.g. smart boards, projectors, studio broadcasting conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Mosel Number | rater | duct Code | $\begin{gathered} \text { "Warranty Period - \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54 \text { " } \end{gathered}$ | Usis Price | Discount | Ns Nat Prict |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BA/COM-N-Ez | BUILDING AUTOMATION PRODUC 4-20 MA O/P MOD,35-70\% RH,DIN | BA/EZ-COM-N | 1 | \$175.00 | 38\% | \$108.50 |
| BA/RCV900-Ez | BUILDING AUTOMATION PRODUC RECEIVER,900 MHZ,DIN | BA/Ez-RCV900 | 1 | \$660.00 | 38\% | \$409.20 |
| BA/RCV900-EA-Ez | Building Automation Produc receiver, 900 MHz,EXT Ant,din | BA/Ez-RCV900-EA | 1 | \$699.00 | 38\% | \$414.78 |
| BA/EZ-ROM-102 | BUILILING AUTOMATION PRODUC RESISTANCE O/P MOD,10K TYPE 24,DIN | BA/EZ-ROM-102 | 1 | \$175.00 | 38\% | \$108.50 |
| BA/RPT49-EZ | BUILDING AUTOMATION PRODUC 418-900 MHZ,REPEATER,DIN | BA/EZ-RPT49 | 1 | \$796.00 | 38\% | \$493.52 |
| BA/RYOM-NC-Ez | BUILILING AUTOMATION PRODUC RELAY O/P MOD,NC,MOMENTARY, Din | BA/EZ-RYOM-NC | 1 | \$175.00 | 38\% | \$108.50 |
| BA/RYOM-NO-EZ | BUILLING AUTOMATION PRODUC RELAY O/P MOD,NO,MOMENTARY,DIN | BAELE-RYOM-NO | 1 | \$175.00 | 38\% | \$108.50 |
| BA/SOM-00-Ez | BUILILING AUTOMATION PRODUC S/P O/P MOD,O-5V O/P,DIN | BA/EZ-SOM-00 | 1 | \$175.00 | 38\% | \$108.50 |
| BA/SOM-01-Ez | BUILILING AUTOMATION PRODUC S/P O/P MOD,1-5V O/P,DIN | BA/EZ-SOM-01 | 1 | \$175.00 | 38\% | \$108.50 |
| BA/SOM-02-Ez | BUILDING AUTOMATION PRODUC S/P O/P M Mod,3.7.-85V O/P,DIN | BA/EZ-SoM-02 | 1 | \$175.00 | 38\% | \$108.50 |
| BA/SOM-03-Ez | BUILILING AUTOMATION PRODUC S/P O/P MOD, 5 --V O/P,DIN | BA/EZ-SOM-03 | 1 | \$175.00 | 38\% | \$108.50 |
| BA/SOM-04-EZ | BUILDING AUTOMATION PRODUC S/P O/P MOD,4.2-1.2V O/P,DIN | BA/EZ-SOM-04 | 1 | \$175.00 | 38\% | \$108.50 |
| BA/SOM-05-Ez | BuILIING AUTOMATION PRODUC S/P O/P MOD, 2.75-3-34VV O/P,DIN | BA/EL-SOM-05 | 1 | \$175.00 | 38\% | \$108.50 |
| BA/SOM-06-Ez | BUILILING AUTOMATION PRODUC S/P O/P MOD,2.88-3.17V O/P,DIN | BA/EZ-SOM-06 | 1 | \$175.00 | 38\% | \$108.50 |
| BA/SOM-10-Ez | BUILDING AUTOMATION PRODUC $\mathrm{S} / \mathrm{P}$ O/P MOD, 0 -10V O/P,DIN | BA/EZ-SOM-10 | 1 | \$171.00 | 38\% | \$106.02 |
| BA/SOM-11-Ez | BULLDING AUTOMATION PRODUC S/P O/P MOD, 2 -10V 0/P,DIN | BAEEZ-SOM-11 | 1 | \$175.00 | 38\% | \$108.50 |
| BA/SOM-50-Ez | BULLILING AUTOMATION PRODUC S/P O/P MOD,0 TO 5K OHM O/P, Din | BA/EZ-SoM-50 | 1 | \$175.00 | 38\% | \$108.50 |
| BA/SOM-51-Ez | BUILDING AUTOMATION PRODUC S/P O/P M Mo, 7.87 K TO 2.87K OHM O/P,Din | BA/EZ-SOM-51 | 1 | \$175.00 | 38\% | \$108.50 |
| BA/SOM-60-Ez | BUILDING AUTOMATION PRODUC S/P O/P MOD,0 TO 10 K OHM O/P,DIN | BA/EZ-SOM-60 | 1 | \$175.00 | 38\% | \$108.50 |
| BA/SOM-61-EZ | BUILDING AUTOMATION PRODUC S/P O/P MOD,15K TO 5 K OHM O/P,DIN | BA/EZ-SOM-61 | 1 | \$175.00 | 38\% | \$108.50 |
| BA/SOM-62-EZ | BUILDING AUTOMATION PRODUC S/P O/P MOD,9,577 TO 1,422 OHM O/P,DIN | BA/EZ-SOM-62 | 1 | \$175.00 | 38\% | \$108.50 |
| BA/SOM-63-Ez | BUILDING AUTOMATION PRODUC S/P O/P MOD,1K TO 11 K OHM O/P,Din | BA/EZ-SOM-63 | 1 | \$175.00 | 38\% | \$108.50 |
| Ba/SOM-80-Ez | BUILIING AUTOMATION PRODUC S/P O/P MOD,0 TO 20K OHM O/P,DIN | BA/EZ-SOM-80 | 1 | \$175.00 | 38\% | \$108.50 |
| BA/SOM-81-Ez | BUILDING AUTOMATION PRODUC S/P O/P MOD,4.75K TO 24.75K OHM O/P,DIN | BA/EZ-SOM-81 | 1 | \$175.00 | 38\% | \$108.50 |
| BA/SOM-82-Ez | BUILLING AUTOMATION PRODUC S/P O/P MOD,6.19K TO 26.19K OHM O/P,din | BA/Ez-SoM-82 | 1 | \$175.00 | 38\% | \$108.50 |
| BA/SOM-83-Ez | BUILDING AUTOMATION PRODUC S/P O/P MOD,7.87K TO 27.87K OHM O/P,din | BA/EZ-SOM-83 | 1 | \$175.00 | 38\% | \$108.50 |
| BA/SOM-84-Ez | BUILILING AUTOMATION PRODUC S/P O/P MOD,10K TO 30K OHM O/P,DIN | BA/EZ-SOM-84 | 1 | \$175.00 | 38\% | \$108.50 |
| BA/SOM-85-Ez | BUILDING AUTOMATION PRODUC S/P O/P MOD,24.75K TO 4.75K OHM O/P,DIN | BA/EZ-SOM-85 | 1 | \$175.00 | 38\% | \$108.50 |
| BA/VOM-05-CEEz | BUILDING AUTOMATION PRODUC 0 -5V O/P MOD, 50 TO 90 F,din | BA/EZ-VOM-05-C | 1 | \$175.00 | 38\% | \$108.50 |
| BAAVOM-05-D-Ez | BUILIING AUTOMATION PRODUC 0 -5V O/P MOD, 55 TO 85 F,DIN | BA/EZ-VOM-05-D | 1 | \$175.00 | 38\% | \$108.50 |
| BA/VOM-05-E-Ez | BUILDING AUTOMATION PRODUC 0 -5V O/P MOD,60 TO 80 F din | BA/EZ-VOM-05-E | 1 | \$175.00 | 38\% | \$108.50 |
| BA/VOM-05-F-Ez | BUILIING AUTOMATION PRODUC 0 -5V O/P MOD,65 TO 80 F | BA/EZ-VOM-05-F | 1 | \$175.00 | 38\% | \$108.50 |
| BA/VOM-05-H-EZ | BUILDING AUTOMATION PRODUC 0 -5V O/P MOD,-20 TO 120 F,din | BA/EZ-VOM-05-H | 1 | \$175.00 | 38\% | \$108.50 |
| BA/VOM-05-Kk-Ez | BUILLING AUTOMATION PRODUC 0 -5V O/P MOD,32 TO 185 F,DIN | BAEEZ-VOM-05-kK | 1 | \$175.00 | 38\% | \$108.50 |
| BA/VOM-05-M-Ez | BUILDING AUTOMATION PRODUC 0 -5V O/P MOD, 0 -100\% RH,DIN | BA/EZ-VOM-05-M | 1 | \$175.00 | 38\% | \$108.50 |
| BA/VOM-05-MM-EZ | BUILDING AUTOMATION PRODUC 0-5V O/P MOD,-40 TO 140 F,din | BA/EZ-VOM-05-MM | 1 | \$175.00 | 38\% | \$108.50 |
| BA/VOM-05-N-Ez | BUILIING AUTOMATION PRODUC 0 -5V O/P MOD,35-70\% RH,DIN | BA/EZ-VOM-05-N | 1 | \$175.00 | 38\% | \$108.50 |
| BA/VOM-10-C-Ez |  | BAEEZ-VOM-10-C | 1 | \$171.00 | 38\% | \$106.02 |
| BA/VOM-10-D-Ez | BULLILING AUTOMATION PRODUC O-10V O/P MOD,55 TO 85 F,DIN | BA/EZ-VOM-10-D | 1 | \$175.00 | 38\% | \$108.50 |
| BA/VOM-10-E-Ez | BUILILING AUTOMATION PRODUC O-10V O/P MOD,60 TO 80 F,DIN | BAEEZ-VOM-10-E | 1 | \$175.00 | 38\% | \$108.50 |
| BA/VOM-10-F-Ez | BULLILING AUTOMATION PRODUC 0 -10V O/P MOD,65 TO 80 F,DIN | BA/EZ-VOM-10-F | 1 | \$175.00 | 38\% | \$108.50 |
| BA/VOM-10-H-EZ | BUILDING AUTOMATION PRODUC $0-10 \mathrm{~V}$ O/P MOD,-20 TO 120 F,DIN | BA/EZ-VOM-10-H | 1 | \$171.00 | 38\% | \$106.02 |
| BA/VOM-10-Kk-Ez | BUILDING AUTOMATION PRODUC 0-10V O/P MOD,32 TO 185 F,din | BAEEZ-VOM-10-kK | 1 | \$175.00 | 38\% | \$108.50 |
| BA/VOM-10-M-EZ | BUILDING AUTOMATION PRODUC $0-10 \mathrm{~V}$ O/P MOD, $0-100 \%$ RH,DIN | BA/EZ-VOM-10-M | 1 | \$175.00 | 38\% | \$108.50 |
| BA/VOM-10-MM-EZ | BuILIING AUTOMATION PRODUC $0-10 \mathrm{~V}$ O/P MOD,-40 TO 140 F,DIN | BA/EZ-VOM-10-MM | 1 | \$171.00 | 38\% | \$106.02 |
| BA/VOM-10-N-Ez | BUILLING AUTOMATION PRODUC $0-10 \mathrm{~V}$ O/P MOD,35-70\% RH,DIN | BA/EZ-VOM-10-N | 1 | \$175.00 | 38\% | \$108.50 |
| BA/EZ-COM-H-C | BUILILING AUTOMATION PRODUC 4-20 MA OUTPUT-29 to 49C TE | BA/EZ-COM-H-C | 1 | \$203.00 | 38\% | \$125.86 |
| BA/FOX-KIT | BUILDING AUTOMATION PRODUC Fiber optic communication kit | BA/FOX-KIT | 1 | \$586.00 | 38\% | \$363.32 |
| BA/FV418k | BuILDing automation produc field verifier kit,418 MHz | BA/FV418k | 1 | \$1,742.00 | 38\% | \$1,080.04 |
| BA/FV900k | BUILDING AUTOMATION PRODUC FieLd verifier kit,900 MHz | BA/FV900k | 1 | \$2,294.00 | 38\% | \$1,422.28 |
| BA/LI3620 | BUILDING AUTOMATION PRODUC AA LITHIUM 36 V BATTERY | BA/L3620 | 1 | \$36.00 | 38\% | \$22.32 |
| BA/RCV418-EZ | BUILLING AUTOMATION PRODUC 418 MHz RECEIVER | BA/RCV418-EZ | 1 | \$376.71 | 38\% | \$233.56 |
| BA/ROM-102-EZ | BUILDING AUTOMATION PRODUC THERMISTOR 10K-2 RESISTANCE OUTPUT MODULE | BA/ROM-102-EZ | 1 | \$168.00 | 38\% | \$104.16 |
| BA/ROM-103-EZ | BUILDING AUTOMATION PRODUC THERMISTOR 10K-3 RESIITANCE OUTPUT MODULE | BA/ROM-103-EZ | 1 | \$163.65 | 38\% | \$101.46 |
| BA/RPT49-EAEE | building automation produc wireless repeater 418-900MHz ez extendable antenna | BA/RPT49-EAEE | 1 | \$968.00 | 38\% | \$600.16 |
| BA/RPTR | BUILILING AUTOMATION PRODUC RS-485 REPEATER | BA/RPTR | 1 | \$281.00 | 38\% | \$174.22 |
| BA/RPTR-KIT | BUILIING AUTOMATION PRODUC RS-485 REPEATER COMMUNICATION | BA/RPTR-KTT | 1 | \$433.00 | 38\% | \$268.46 |
| BA/RYOL-NC-EZ | BUILDING AUTOMATION PRODUC RELAY OUTPUT, LATCHING deFAul to normally closed | BA/RYOL-NC-EZ | 1 | \$175.00 | 38\% | \$108.50 |
| BA/RYOL-No-Ez | BUILDING AUTOMATION PRODUC RELAY OUTPUT, LATCHING, DEFAULT TO NORMALLY OPN | BARYOL-NO-EZ | 1 | \$175.00 | 38\% | \$108.50 |
| BARYYOM-NC-Ez | BUILDING AUTOMATION PRODUC RELAY OP MOD,NC,MOMENTARY,DIN | BA/RYOM-NC-35DIN | 1 | \$175.00 | 38\% | \$108.50 |
| BA/RYOM-NO-Ez | BUILDING AUTOMATION PRODUC RELAY OP MOD,NO,MOMENTARY,DIN | BAEZRYOMNO + BA/AOM-CONN | 1 | \$175.00 | 38\% | \$108.50 |
| BA/SFC2000-100 | BUILDING AUTOMATION PRODUC BLUE TWIST-ON CONNECTOR 100 PCS. | BA/SFC2000-100 | 1 | \$205.00 | 38\% | \$127.10 |
| BA/SRBP-TRK | BUILILING AUTOMATION PRODUC ETA LINE | BA/SRBP-TRK | 1 | \$76.00 | 38\% | \$47.12 |
| BA/TRK02 | BUILDING AUTOMATION PRODUC TRK - TR2 SNAPTRACK 2IN | BA/TRK02 | 1 | \$9.86 | 38\% | \$6.11 |
| BA/TRK08 | BUILİING AUTOMATION PRODUC TRK - TR2 SNAPTRACK 8IN | BA/TRK08 | 1 | \$22.13 | 38\% | \$13.72 |
| BA/TS1 | builiding automation produc tsi Transient suppressor bi-Polar | BA/TS1 | 1 | \$9.86 | 38\% | \$6.11 |
| Ba/TURB-TRK | BUILDING AUTOMATION PRODUC TURB TERMINAL UNIT RELAY BOARD W/TRACK | Ba/TURB-TRK | 1 | \$110.00 | 38\% | \$68.20 |
| BA/VC3000A-Fw | BUILIING AUTOMATION PRoduc 2.5 AMP VoLt Conver $18-30$ AC/DC FUL wave no bk pla | BA/VC3000A-Fw | 1 | \$160.00 | 38\% | \$99.20 |
| BA/ $/$ C3000B-FW | BUILDING AUTOMATION PRODUC 2.5 AMP VOLT CONVERT 18-30 AC/DC FUL WAVE W/BK PLA | BA/VC3000B-FW | 1 | \$160.00 | 38\% | \$99.20 |
| BA/C $350 \mathrm{~A}-15$ | BUILIING AUTOMATION PRODUC 350 MA AC TO DC VOLTAGE CONVERTER | BA/VC350A-15 | 1 | \$48.00 | 38\% | \$29.76 |
| BA/VC350A-ADJ | BUILIING AUTOMATION PRODUC 350 MA VOLTAGE CONV ADJ OUTPUT TRACK MOUNTABLE | BA/VC350A-ADJ | 1 | \$45.51 | 38\% | \$28.22 |
| BA/VC350A-EZ-ADJ | BuILDING AUTOMATION PRODUC 350 MA Voltage Conv ez housing adj output | BA/VC350A-EZ-ADJ | 1 | \$40.45 | 38\% | \$25.08 |
| BA/VOM-05-AO-Ez | BUILDING AUTOMATION PRODUC 0 -5VDC, VOLTAGE OUTPUT MODULE | BA/VOM-05-AO-Ez | 1 | \$175.00 | 38\% | \$108.50 |
| BA/VOM-10-AO-Ez | BUILIING AUTOMATION PRODUC $0-10 \mathrm{VDC}$, VLLTAGE OUTPUT MODULE | BA/VOM-10-AO-EZ | 1 | \$175.00 | 38\% | \$108.50 |
| BA/VOM-10-M | BUILIING AUTOMATION PRODUC VOLTAGE OUTPUT MODULE | BA/VOM-10-M | 1 | \$198.00 | 38\% | \$122.76 |
| BA/VOM-05-D | BUILDING AUTOMATION PRODUC VOLTAGE OUTPUT MODULE | BA/VOM-05-D | 1 | \$203.00 | 38\% | \$125.86 |
| BA/VOM-05-G | BUILDING AUTOMATION PRODUC VOLTAGE OUTPUT MODULE | BA/VOM-05-G | 1 | \$198.00 | 38\% | \$122.76 |
| BA/VOM-05-M | BUILDING AUTOMATION PRODUC VOLTAGE OUTPUT MODULE | BA/VOM-05-M | 1 | \$198.00 | 38\% | \$122.76 |
| BA/WAI-05 | BUILLING AUTOMATION PRODUC WIRELESS 0 -SVDC Analog input transmitter, 418MHz | BA/WAI-05 | 1 | \$361.00 | 38\% | \$223.82 |
| BA/WAI-10 | BUILDING AUTOMATION PRODUC WIRELESS 0-10VDC ANALOG InPUT TRANSMITTER, 418MHz | BA/WAI-10 | 1 | \$361.00 | 38\% | \$223.82 |
| BA/WAI-420 | BuILDING AUTOMATION PRODUC WIRELESS 4-20MA ANALOG InPUT TRANSMITTER, 418MHz | BA/WAI-420 | 1 | \$361.00 | 38\% | \$223.82 |
| BA/WDI | BuILDING AUTOMATION PRODUC WIRELESS DIGITAL INPUT TRANSMITTER, 418MHz | BA/WDI | 1 | \$348.00 | 38\% | \$215.76 |
| BA/WT-D-4 | BUILDING AUTOMATION PRODUC RF DUCT TEMP XMTR 418MHz @1MW | BA/WT-D-4 | 1 | \$528.00 | 38\% | \$327.36 |
| BA/WT-D-8 | BUILDING AUTOMATION PRODUC RF DUCT TEMP XMTR 418MHz @1MW | BA/WT-D-8 | 1 | \$528.00 | 38\% | \$327.36 |
| BA/WT-I-4 | BUILDING AUTOMATION PRODUC RF IMMERSION TEMP XMTR, 418MHZ @1MW | Ba/wT-I-4 | 1 | \$528.00 | 38\% | \$327.36 |
| BA/WT-O-BB | BUILIING AUTOMATION PRODUC RF OSA TEMP XMTR, 418MHz @1MW | BA/WT-O-BB | 1 | \$528.00 | 38\% | \$327.36 |
| BA/WT-RPP-10-BB | BUILDING AUTOMATION PRODUC RF SS TEMP PROBE XMTR, 418MHz @1MW, w/10 FT CABLE | BA/WT-RPP-10 | 1 | \$507.78 | 38\% | \$314.82 |
| BA/WT-RPP-5 | BUILIING AUTOMATION PRODUC WIrelless transmitter 5ft remote probebapi box | BA/WT-RPP-5 | 1 | \$462.00 | 38\% | \$286.44 |
| BA/WTH-D | BUILILING AUTOMATION PRODUC RF DUCT TEMP/RH XMTR, 418MHZ @1Mw | BA/WTH-D | 1 | \$614.44 | 38\% | \$380.95 |
| BA/WTH-O-в | BUILDING AUTOMATION PRODUC RF OSA TEMP/RH XMTR, 418MHZ @1MW | BA/WTH-O-bB | 1 | \$614.45 | 38\% | \$380.96 |
| BA/WT-RPFEP-15 | BUILLING AUTOMATION PRODUC REM PRB W/ FEP Jacketed cable,15Ft LDS | BA/WT-RPFEP-15 | 1 | \$395.64 | 38\% | \$245.30 |
| BA/WT-RPFEP-20 | BUILLING AUTOMATION PRODUC REM PRB W/ FEE JaCKETED CABLE,20FT LDS | BA/WT-RPFEP-20 | 1 | \$401.13 | 38\% | \$248.70 |
| BA/WT-RPFEP-25 | BUILDING AUTOMATION PRODUC REM PRB W/ FEP JACKETED CABLE,25FT LDS | BA/WT-RPFEP-25 | 1 | \$406.64 | 38\% | \$252.12 |
| BA/WTS | BUILDING AUTOMATION PRODUC WIRELESS 10 K -2 THERMISTOR InPUT TRANS, 418MHz | BA/WTS | 1 | \$361.00 | 38\% | \$223.82 |
| BA/WT-TB-M304-2-BB | BUILDING AUTOMATION PRODUC WIRELESS THOMOBUFFER,SS,2IN PROBE | BA/WTTBM 3042 Bb | 1 | \$599.00 | 38\% | \$371.38 |
| BA/WT-TB-M $304-4$-BB | BUILDING AUTOMATION PRODUC WIRELESS THOMOBUFFER,SS,4IN PROBE | вA/WTTBM 30448 B | 1 | \$575.10 | 38\% | \$356.56 |
| BA/WT-T-MAL-2-BB | BUILILING AUTOMATION PRODUC WIRELLSSS THOMOBUFFER,ALUM,ZIN PROBE | BA/WTTBMAL2BB | 1 | \$510.22 | 38\% | \$316.34 |
| BA/WT-T-MAL-4-BB | BUILILING AUTOMATION PRODUC WIRELLESS THOMOBUFFER,ALUM,4İ PROBE | BA/WTTBMAL4BB | 1 | \$510.22 | 38\% | \$316.34 |
| VC350-12 | BUILDING AUTOMATION PRODUC POWER SUPPLY 24VAC TO 12 VDC @350MA | VC350A-12 | 1 | \$30.00 | 38\% | \$18.60 |
| BA/VC350A-15-TRK | BUILDING AUTOMATION PRODUC BAPI SENSOR | BA/VC350A-15-TRK | 1 | \$36.00 | 38\% | \$22.32 |
| BA/VC350A-ADJ-TRK | BUILDING AUTOMATION PRODUC BAPI SENSOR | BA/VC350A-ADJ-TRK | 1 | \$34.00 | 38\% | \$21.08 |
| BA/Bb | BUILDING AUTOMATION PRODUC ENCLOSURE BAPI-BOXTm POLYCARBONATE | BA/BB | 1 | \$35.00 | 38\% | \$21.70 |
| BA/BB2 | BuILIING AUTOMATION PRODUC Enclosure bapl-box2 Polycarbonate | BA/BB2 | 1 | \$36.00 | 38\% | \$22.32 |
| BA/CIL-CUT-50 | BUILDING AUTOMATION PRODUC BB/BB2 CLEAN CUT KNOCKOUT CUTTING TOOL | BA/CLI-CUT-50 | 1 | \$81.00 | 38\% | \$50.22 |
| BA/SIL-250-125-50 | BUILILING AUTOMATION PRODUC TUBING SILICONE 1/4x1/8x50FT FINISHED | BA/SIL-250-125-50 | 1 | \$136.00 | 38\% | \$84.32 |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mouted IIstadedl Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
products by the authorized user. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor antrolled HAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain proocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtub, .
General Ductwork, Piping, etc. shall not be obtained on these contracts
Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not:
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited tid
A. General Purporen,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
A. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Moed HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
products by the authorized user. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor
 platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

Integrated Microprocessor-Based HVAC Equipmen;

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, ins, dishater fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
Chillers, Rooftop Units, boilers, air handlers, fan coil, wit ventilotor, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

ZPS-05-SR80-BB-NT
ZPS-05-SR80-BB-NT-D
ZPS-05-SR80-BRB-BT-
ZPS-05-SR80-BB-ST-D ZPS-05-SR83-BB-NT ZPS-05-SR83-BB-NT-D ZPS-05-SR83-BB-ST
ZPS-05-SR83-BB-ST-D ZPS-05-SR85S-BB-NT
 ZPS-05-SR85-BB-ST
ZPS-05-SR85-BB-ST-D ZPS-05-SR85-BB-ST-D
ZPSS-05-SR88-BB-NT ZPP-55-SR888B-B-NT-D
ZPS-05-SR88-BB-ST ZPSS-05-STR888-BB--NT-ST ZPS-05-SR88-BB-ST-D
ZPS-05-SR90-BB-NT ZPS-05-SR90-BB-NT
ZPS-05-SR90-BB-NT-D ZPSP-OS-SSP9-BBB-ST
ZPSS-05-SROOOBB-ST-D ZPS-10-LR551-BB-NT ZPS-10-LR51-BB-NT-D ZPS-10-LR51-BB-ST
ZPS-10-LR51-BB-ST-D
ZPS-10-LR2-BB-NT ZPS-10-LR52-BB-NT
ZPS-10-LR52-BB-NT-D ZPS--10-LR52-BB-NT-D
ZPS-10-LR52-BB-ST ZPS-10-LR52-BBB-ST-D ZPS-10-LR52-BB-ST-D
ZPS-10-LR53-BB-NT
ZPS-10-LR53-BB-NT-D ZPS-10-LR53-BB-NT-D
ZPS-10-LR53-BB-ST ZPS-10-LR53-BB-ST-D ZPS-10-LR55-BB-NT ZPPS-10-LR555-BB-NBT-ST ZPS-10-LRS5-BB-STT-D
PPS-10-R5
R ZPS-10-LRS56-BB-NT
ZPS-10-R56-BB-NT-D ZPS-10-LR55-BB-NT-D ZPS-10-LR56-BB-ST-D
 ZPS-10-LR57-BB-NT
ZPS-10-R57-BB-NT-D ZPSS-10-LR57-BB-ST

 ZPS-10-LR55-BB-NT
ZPS-10-R58-BB-NT-D ZPS-10-LR58-BB-ST ZPS-10-LRS5-BB-ST
$\begin{aligned} & \text { ZPS-10-R55-BB-ST-D } \\ & \text { PPS-10-LRE0-BB-NT }\end{aligned}$ ZPS-10-LR60-BB-NT
ZPS-10-LR60-BB-NT-D ZPS-10-LR60-BB-NT-D
ZPS-10-LR60-BB-ST ZPS-10-LR60-BB-ST
ZPS-10-R60-BB-ST-D
ZPS-10-LR0 ZPS-10-LR61-BB-NT ZPS-10-LR661-BB-NT-D
PPS-10-R1-R1-BB-ST ZPS-10-LR61-BB-ST
ZPS-10-L661-BB-ST-D
ZPS-10-LR62-BBE-NT ZPS-10-LR62-BBB-NT ZPSS-10-LR62-BB-NT-D
ZPS-10-R2-RB ZPSP-10-LRE62-BB-ST
PPS $10-1 R 26-$ BB-ST-D ZPS-10-LR62-BB-ST-D
ZPS-10-LR63-BB-NT ZPS-10-LR63-BBB-NT-D ZPSS-10-LR63-B6BBB-NT-ST ZPS-10-LR63-BBB-ST-D
ZPS $10-1 R 56-B B T-N T$ ZPS-10-LR65-BB-NT ZPS-10-LR65-BB-ST ZPS-10-LR65-BB-ST-D ZPS-10-LR66-BB-NT
ZPS-10-R66-BB-NT-D ZPS-10-LR66-BB-NT-D
ZPS-10-LR66-BB-ST ZPSS-10-LR66-BB-ST-D ZPS-10-LR66-10-R6B-STT-D ZPS-10-LR67-8B-NT-D
ZPS-10-R67-BB-ST ZPS--10-LR67-BB-ST
ZPS-10-LR67-BB-ST-D
 ZPS-10-LR668-BB-ST ZPS-10-LR66-BB-ST-D
ZPS20SR08EUNT ZPS20SRR8EUNT
ZPS-10-SR70-BB-NT
ZPS-10-SS70-BB NT ZPPS-10-SR70-BB-NT
ZP-10-S770-BB-NT-D ZPS-10-SR70-BB-ST
PSS-10-SR70-BB-ST-D ZPS-10-SR70-BB-ST-D
ZPS-10-SR73-BB-NT ZPS-10-SR73-BB-NT-D ZPSS 10-SRR3-BB-N-N-
ZPS-10-SR73-BB-ST ZPS-10-SR73-BB-ST ZPSS-10-SR74-EZ-NT-D
ZPS-10-SR75-BB-NT ZPSS-10-SRS75-BB-NT-D
ZST ZPS-10-SR75-BB-NT-D
ZPS-10-SR75-BB-ST
ZPS-10 ZPP-10-SR75-BB-ST-D
ZPS-10-ST78-SB ZPSS-10-SR78-BB-NT
ZPS-10-SR78-BB-NT-D ZPS-10-SR78-BB-NT
ZPS-10-SR78-BB-ST ZPS-10-SR78-BB-ST-D ZPS-10-SR80-BB-NT ZPS-10 10 SR80-BB-NT-D
ZPS-10-SR80-BB-ST ZPS-10-SR80-BB-ST

BUILDING AUTOMATTON PRODUC PRESS XMTR, 0 -5VV -5 TO 5 W.C. STATIC TUBE, BUILDING AUTOMATION PRODUC PRESS XMTR, 0 -5V,-5 TO 5 W.C. W/ DISPLAY
BUILING AUTOMATION PRODUC PRESS XMTR, $0-5 \mathrm{~V},-5$ TO 5 W.C. STATIC TUBE, BUILDING AUTOMATION PRODUC PRESS XMTR, $0-5 V$, -5 TO 5 WC STAT TUBE, DISP

 BUIIDIING AUTOMATION PRODUC PRESS XMTR, $0-5 V$, 0 TO 500 PA STATIC TUBE, DIS, BUILDING AUTOMATION PRODUC PRESS XMTR, $0-5 \mathrm{~V}$, 0 TO 1000 PA W/ STATIC TUBE, BUILDING AUTOMATTON PRODUC PRESS XMTR, 0 -5V , 0 TO 1000 PA W/ DISPLAY BUILDING AUTOMATION PRODUC PRESS XMTR, 0 -5V , 0 TO 1000 PA W/ STATIC TUBE,
BUILDING AUTOMATION PRODUC PRESS XMTR, 0 -5V , 0 TO1000 PA STATIC TUBE, DIS SUILDING AUTOMATION PRODUC PRESS XMTR, 0 -5V ${ }^{-}$-500 TO 500 PA STATIC TUBE, BUILDING AUTOMATION PRODUC PRESS XMTR, $0-5 \mathrm{~V}$, -500 TO 500 PA W/ DISPLAY BUILIING AUTOMATION PRODUC PRESS XMTR, 0 -5V, -500 TO 500 PA STATIC TUBE,
 BUILDING AUTOMATION PRODUC PRESS XMTR, 0 -5V, -1250 TO 1250 PA STAT TUBE,
BUILIING AUTOMATION PRODUC PRESS XMTR, $0-5 \mathrm{~V},-1250$ TO 1250 PA W/ DISPLAY BUILDING AUTOMATION PRODUC PRESS XMTR, 0 -5V , -1250 TO 1250 PA STAT TUBE, BUILIING AUTOMATION PRODUC PRESS XMTR, $0-5 \mathrm{VV},+/-1250$ PA STAT TUBE, DISP BUILDING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V}, 0-1 \mathrm{w}$.C. BUILDING AUTOMATION PRODUC PRESS XMTT, $0-10 \mathrm{~V}, 0-1.1$ W.C. W/ DISPLAY
 BUILLING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V}, 0-25 \mathrm{~W} . \mathrm{C}$.
 BUILING AUTOMATION PRODUC PRESS XIR, 0 -iv, $0.25 \mathrm{~W} . \mathrm{C}$. W/ STATIC TUBE,
BUILING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{O}, 0-25 \mathrm{~W} . \mathrm{C}$. STAT TUBE, DISP
 BUILDING AUTOMATION PRODUC PRESS $X M T R, 0-10 \mathrm{~V}, 0-5 \mathrm{~W}$.C. W/ DISPLAY
BUILDING AUTOMATION PRODUC PRESS $\mathrm{XMTR}, 0-10 \mathrm{~V}, 0.5 \mathrm{~W} . \mathrm{C}$. W/ STATIC BULLDING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V}, 0-5$ W.C. W/ STATIC TUBE,
BUILING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V}, 0-5$ W.C. STAT TUBE, DISP BUILIIIG AUTOMATION PRODUC PRESS XMTR, 0-10V ${ }_{0}$.-1 W.C. BUILDING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V}, 0-1$ w.C. W/ DISPLAY BUILDING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V}, 0-1$ W.C. W/ STATIC TUBE, BUILDING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{OV}, 0-1$ W.C. STATIC TUBE, DISP BULLIING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V},-1$ TO. $1 \mathrm{~W} . \mathrm{C}$. BUILDING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V},-.1$ To. 11 W.C. STAT TUBE BUILDING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V},+1-0.1$ WC STAT TUBE, DISP
 BUILDING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V},-.25$ TT .25 W .C BUILDING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V}$, -25 TO. 25 WC STAT TUBE BUILDING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V},+1-0.25$ WC STAT TUBE, DISP BUILLING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V},-0.25$ TO 0.25 W.C. W/ DISPLAY BUILLING AUTOMATION PRODUC PRESS XMTRR $0-10 \mathrm{~V},-50$ TO. 50 W.C.
BUILING AUTOMATION PRODUC PRESS XMT, $0-0.10 \mathrm{~V}$,-50 TO 50 W.C. BUILDING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V},-.50$ TO .50 WC STAT TUBE, BUILDING AUTOMATION PRODUC PRESS XMTR, $0-10 V,+1-0.50$ WC STAT TUBE, DISP BUILDING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V},-1$ TO 1 W.C. BULLING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V},-1$ TO 1 W.C. W/ DISPLAY
BUILING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V},-1$ TO 1 W.C. STATIC TUBE, BUILDING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V},-1$ TO 1 WC STAT TUBE, DISP BUILDING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V},-1$ TO 1 W.C. W/ DISPLAY BUILDING AUTOMATION PRODUC PRESS $\times M T R$, $0-10 \mathrm{~V}$, 0 TO 30 PA
 BUILIING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V}$, 0 TO 30 PA STATIC TUBE, DIS BUILDING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V}, 0$ TO 50 PA
BULDING AUTOMATTON PRODUC PRESS XMTR, $0-10 \mathrm{~V}, 0$ TO 50 PA W/ DISPLAY BUILLING AUTOMATION PRODUC PRESS XMTR, 0 -10V, 0 TO 50 PA W/ STATIC TUBE,
BUILDING AUTOMATION PRODUC PRESS XMTR, 0 -10V, 0 TO 50 PA STATIC TUBE, DISP BUILDING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V}, 0$ TO 100 PA BUILLING AUTOMATTON PRODUU PRESS XMTR, $0-10 \mathrm{~V}, 0$ TO 100 PA W/ DISPLAY BUILDING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V}, 0$ TO 100 PA W/ STATIC TUBE,
BUILDING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V}, 0$ TO 100 PA STATIC TUBE, DISP BUILDING AUTOMATION PRODUC PRESS XMTR, $0-100,0$ TO 100 R BUILIING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V}, 0$ TO 250 PA W/ DISPLAY
 BUILLING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V},--30$ TO 30 PA
BUILDING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V}$, -30 TO 30 PA BUILDING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V},-30$ TO 30 PA W/ DISLATIY BUILDING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V}$, -30 TO 30 PA STAT TUBE, DISP BUILIING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V},-50$ TO 50 PA

 BUILDING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V},-100$ TO 100 PA BUILDING AUTOMATTON PRODUC PRESS XMTR, $0-10 \mathrm{~V},-100$ TO 100 PA $W$ / DISPLAY BUILDING AUTOMATTON PRODUC PRESS XMTR, $0-10 \mathrm{~V},-100$ TO 100 PA STAT TUBE, BUILDING AUTOMATION PRODUC Z ZONE PRESSURE XMTR
BUILDING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V},-250$ TO 250 PA
BUILDING AUTOMATION PRODUC PRESS XMTR, 0 -10V, -250 TO 250 PA W/ DISPLAY BUILLING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V},-250$ TO 250 PA STAT TUBE,
BUIIDING AUTOMATION PRODUC PRESS $X$ MMT, $0-10 \mathrm{~V}$, +-250 PA STAT TUBE, DISP BUIDING AUTOMATION PROOUC PRESS XMTR 0 -10V, OTO 25 WC BULDING AUTOMATION PRODUC PRESS XMTR, $0-1 \mathrm{VV}, 0$ TO $2.5 \mathrm{~W} . \mathrm{C}$. BULILDIN AUTOMATTON PRODUC PRESS XMTR, $0-100,0$ T 2.5 W.C. W/ DISPLAY
BULLIN AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V}, 0$ TO 2.5 W.C. STATIC TUBE, BUILLING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{OV}, 0$ TO 2.5 WC STAT TUBE, DISP BULLING AUTTMAATION PRODUC EZ PRESSURE NO TUBE IN W.C.
BUILING AUTOMATION PRODUC PRESS XMTR, 0 -10V o 0 TO 5 W.C. BUILDING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V}$, 0 TO 5 W W.C. W/ DISPLAY BUILIDING AUTOMATION PRODUC PRESS XMTR, 0 -10V , 0 TO 5 W.C. W/ STATIC TUBE, BUILLING AUTOMATION PRODUC PRESS XMTR, 0 -10V, 0 TO 5 W.C. STAT TUBE, DIISP
BUILIING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V},-2.5$ TO 2.5 WC STAT TUBE BUILING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V},-2.5$ TO 2.5 WC STAT TUBE,
BUILIING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V},-2.5$ TO $2.5 \mathrm{~W} . \mathrm{C}$. W/ DISPLAY BUILDING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V},-2.5$ TO 2.5 WC STAT TUBE, BUILDING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V},+1-2.5 \mathrm{WC}$ STAT TUBE, DISP
BUILING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V},-5$ TO 5 W.C. STATIC TUBE, BUILDING AUTOMATTON PRODUC PRESS XMTR,, $0-100$, , -5 TO 5 W.C. STATIC TUBE, BULLDING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V},-5$ TO 5 W.C. W/ DISPLAY
BUILING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V},-5$ TO 5 W.C. STATIC TUBE, BUILDING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V},-5$ TO 5 WC STAT TUBE, DISP

PPS-05-SR80-BB-NT ZPS-05-SRROOBB-NT-D
ZPS-O5SROBBB-ST
RPS-O5-SP8O-BB-ST-D ZPS-05-SR80-BB-ST-D ZPS-05-SR883-BB-NT PPS-05-SR83-BB-NT-
ZPS-05-SR83 -BB-ST ZPSS-05-5RS83-BBB-ST ZPS-05-SR833-BB-STST-D
 ZPS-05-SRR5-BB-ST
ZPS-55-SR85-BB-ST-D
ZPS-05-SR88-BB-NT ZPS-05-SR88-BB-NT
ZPS-05-SR88-BB-ST ZPS-05-SRR88-BB-ST-D ZPS-05-SRP90-BB-NT
ZPS-05-SRPO-BB-NT-D ZPS-05-SRP90-BB-ST
ZPS-05-SR90-BB-ST-D ZPS-10-LR51-BB-NT ZPS-10-LR51-BB-NT-
 ZPSS-10-LR52-BB-NT ZPS-10-LR52-BB-NT-D
ZPSS-10-LR52-BB-ST ZPS-10-LR52--B-ST-D ZPS--10-LR533-B-NT
ZST-10-R55-BB-NT-D ZPS-10-LR53-BB-ST
ZPS-10-LR53-BB-ST-D ZPS-10-LR55-BBB-NT ZPSS-10-RR555-BB-NT ZPS-10-LR55-BB-ST ZPS-10-LR55-BB-ST-D ZPS-10-LR55-BB-NT ZPS $10-$ LR55-BB-ST ZPP-10-LR56-BB-STTD 2PS-10-LR56-EZ-NT-D ZPS-10-LR57-BB-NT
ZPS-10-LR57-BB-NT-D 2PSS-10-RR57-BB-NB-NT-D ZPS-10-LR57-BB-ST ZPS-10-LR55-EZ-NT-D ZPSS-10-LR58-BB-NT
ZPS-10-LR58-BB-NT-D PPS-10-LR558-BB-ST ZPS-10-LR60-BB-NT ZPS-10-LR60-BB-NT ZPS-10-LR60-BB-ST-D ZPSP-10-LR661-BB-NT ZPS-10-LR61-BB-NT-D ZPS-10-LR61-BB-ST-D ZPSS-10-LRR2-BE-NT ZPS-10-LR62-BB-NT-D ZPS-10-LR62-BB-ST ZPS-10-LR63-BB-NT ZPS-10-LR63-BB-NT-D ZPS-10-LR63-BB-ST ZPS-10-LR63-BB-ST ZPS-10-LR655-BB-NT ZPSS-10-LR65-BB-ST ZPS-10-LR66 BB-ZPS-10-LR66-BB-NT ZPS-10-LR66-BB-ST
ZPS-10-LR66-BB-ST-D
ZPS ZPS-10-LR66-B6-BB-STT-D ZPS-10-LR67-BB-NT-D
ZPS-10-LR67-BB-ST ZPS-10-LR67-BB-ST ZPS-10-LR68-BB-NT
ZPS-10-LR68-BB-NT-D ZPS-10-LR68-BB-ST
PSS-10-LR68-BB-ST-D ZPS-10-SR70-BB-NT ZPSS-10-SR70-BB-NT-D ZPS-10-SR70-BB-ST
ZPS-10-SR70-BB-ST-D S-10-SR73-BB-NT ZPS-10-SR773-BB-NT-D PSS-10-SR73-BB-ST ZPS-10-SR73-BB-STTD ZPS-10-SR74-EZ-NT-D ZPS-10-SR75-BB-NT-D ZPS-10-SR75-BB-ST ZPS-10-SR75-BB-ST-D ZPS-10-ST778-BB-NT ZPS-10-SR78-BB-ST ZPS-10-SR78-BB-ST-D ZPS-10-SR80-BB-NT ZPS-10-SR80-BB-NT
ZPSS $10-$ SR80-BB-ST ZPS-10-SR80-BB-ST-D




The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Moed HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
products by the authorized user. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor , platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance; and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs ins, dishater fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, b
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
B. Adio Video equer (e.

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' 'ocation in the event of a fire or emergency.

ZPS-10-SR80-EZ-NT-D ZPS-10-SR83-BB-NT ZPS-10-SR83-BB-ST ZPS-10-SR83-BB-ST-D ZPS-10-SR85-BB-NT ZPS-10-SR85-BB-NT-D
ZPS-10-SR85-BB-ST ZPS-10-SR85-BB-ST
ZPS-10-SR85-BB-ST-D ZPS-10-SR88-BB-NT ZPSP-10-SR88-BB-NT-D ZPS-10-SR88-BB-ST
ZPS-10-SR88-BB-ST-D ZPSS-10-SR90-BB-NT
 ZPS-10-SR90-BB-ST ZPS-10-SR90-BB-ST-D
ZPS-20-LR51-BB-NT ZPP--20-LR51-BB-NT-D
ZPS-20-RE51-BB-ST ZPS-20-LR551-BB-ST ZPS-20-LR551-BB-STTD
ZPS-20-R51-ET-NT-D ZPS-20-LR51-EZ-NT-D
ZPS-20-LR52-BB-NT
 ZPS-20-LR52-BB-ST ZPS-20-LR55-BB-ST-D
ZPS-2-RE-R3-BB-NT ZPS-20-LR53-BB-NT ZPS-20-LLSS3-BB-NT-D
ZPS-20-LR53-BB-ST
ZPS-20-R53-BB-ST-D ZPS-20-RR53-BB-ST ZPS-20-LRS5-BB-NT
PSS-2-RE-R5-BB-NT-D ZPS-20-LR55-BB-NT ZPS-20-LR55-BB-ST ZPS-20-LR55-BB-NT ZPSS-20-LR56-BB-NT-D ZPS-20-LR55-BB-ST ZPS-20-LR55-BB-ST-D ZPS-20-LR55--BB-NT ZPS-20-LR57-BB-ST ZPS-20-LR57-BB-ST-D
ZPS-20-R57-EZ-ST-D ZPS-20-LR57-EZ-ST-D ZPSS-20-LR558-BB-NT-D ZPS-20-LR55-BB-ST ZPP--20-LR58-BB-ST-D
ZPS-20-LR60-BB-NT ZPS-20-LR60-BB-NT-D ZPS-20-LR60-BB-NT-D
ZPS-LO LR60-BB-ST
ZPS-20-1R60-BBT-ST-D ZPS-20-LR60-BB-ST-D ZPS-20-LR661-BB-NT
PPS-2-1R1-BB-NT-D ZPSP-20-LR61-BB-ST ZPS-20-LR61-BB-ST-D ZPS-20-LR62-BB-NT ZPPS-20-LR662-B-B-NT-D
ZPS-20-R66-BB ZPS-20-L662-BB-ST
ZPS-20-LR62-BB-ST-D
ZSS-20-IR63-3B-NT ZPS-20-LR63-BB-NT ZPP--20-LR63-BB-ST ZPS-20-LR63-BB-ST-D
ZPS-20-LR65-BB-NT ZPS-20-LRE5-BB-NT-D ZPS-20-LRELR55-BB-BBT-ST ZPS-20-LR65-BB-ST-ZPS-20-LR66-BB-NT
ZPS-20-LR66-BB-NT-D ZPS-20-LR66-BB-ST ZPS-20-LR66-BB-ST-D ZPS-20-LR67-BB-NT ZPS-20-LR67-BB-NT-
ZPS-20-LR67-BB-ST ZPP-20-L6 $20-$ B67-B-ST-D
ZPS-20-LR68-BB-NT ZPS-2-2-LR68-R8BBB- $\mathrm{BB}-\mathrm{NT}-\mathrm{D}$ ZPS-20-LR66-BB-ST ZPP--20-LE551-BB-ST
ZPS-20-LR51-BB-ST-D ZPS-20-LR51-BB-ST-D
ZPS-20-LR55-BB-ST ZPS-20-LR52-BB-ST-D ZPS-20-SROSB-BB-ST
ZPS-2O-SRO3-BB-ST-D ZPPS-20-SRRT3-BB-ST-ZPPS-20-SR73-BB-ST-D
ZPS-20-SP75-BB-ST ZPS-20-SR75-BB-ST
ZPS-20-SR75-BB-ST-D ZPS-20-SRR5-BB-ST-D
ZPS-20-LR55-BB-ST ZPS-20-LR56-BB-ST-D ZPP--20-LR57-BB-ST ZPS-20-LRE57-BB-ST-D
ZPS-20-SR $08-B B-S T$ ZPS-20-SR08-BB-ST
ZPS-20-SROD-BB-ST-ZPS-20-SR08-BB-S
ZPS20SRROEUNT
 ZPP--20-SR78-BB-ST
ZPS-20-SR78-BB-ST-D ZPS-20-SR78-BB-ST-
ZPS-20-SR80-BB-ST ZPS-20-SR80-BB-ST-D ZPS-20-SR70-BB-NT ZPS-20-SRT70-BB-NT-D
ZPS-20-SR70-BB-ST ZPS-20-SR70-BB-ST

BUILDING AUTOMATTON PRODUC PRESS XMTR, $0-10 \mathrm{~V},-5$ TO 5 W.C. W/ DISPLAY BUILDING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V}, 0$ TO 500 PA $\mathrm{W} / \mathrm{STATIC}$ TUBE,
BUILING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V}, 0$ TO 500 PA W/ DISPLAY BUILLING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V}$, 0 TO 500 PA W/ STATIC TUBE,
 BULLLING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V}, 0$ TO 1000 PA $\mathrm{W} /$ STATIC TUBE,
BUILDING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V}$, 0 TO 1000 PA W/ DISPLAY BUILDING GUTOMATTON PRODUC PRESS XMTR, $0-10 \mathrm{~V}, 0$ T T 1000 PA $\mathrm{W} / \mathrm{DISLLAY}$
BUILIING AUTOMATION PRODUC PRESS XMTR, 0 -10V , 0 TO 1000 PA W/ STATIC TUB
 BUILLING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V},-500$ TO 500 PA STATIC TUBE,
BUILING AUTOMATON PRRDC PRESS XMTR
 BUILDING AUTMAATION PRODUC PRESS XMTR, $0-10 \mathrm{~V},-500$ TO 500 PA STATIC TUBE, BUILIING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V}$, , -1250 TO 1250 PA STAT TUBE, BUILDING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V},-1250$ TO 1250 PA W/ DISPLAY BUILIING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V},-1250$ TO 1250 PA STAT TUBE,
BUILIING AUTOMATION PRODUC PRESS XMTR, $0-10 \mathrm{~V},+1-1250$ PA STAT TUBE, DISP BUILDING AUTOMATTON PRODDC PRESS XMTR, $0-100,+1-1250$ PA
BUILING AUTOMATION PRODUC PRESS XTTR, $4-20 \mathrm{MA}, 0-1$. 1 .c. BUILDING AUTOMATION PRODUC PRESS XMTR, 4-2OMA, 0-1 W.C. W/ DISPLAY BUILDING AUTOMATION PRODUC PRESS XMTR, $4-20 M A, 0-1$ W.C. W/ STATIC TUBE, BUILLING AUTTMATION PRODUC PRESS XMTR, 4-2OMA, , $0-1$ W.C. STAT TUBE, DISP BUILLING AUTOMATION PRODUC DIFF PRESS TRANSDUCER
BUILLING AUTOMATION PRODUC PRESS XMTR, 4-20MA, 0 - 25 W.C. W/ DISPLAY BUILDING AUTOMATTON PRODUC PRESS XMTR, $4-20 M A, 0-25 \mathrm{~W} . \mathrm{C}$. W/ STATIC TUBE, BUILDING AUTOMATTON PRODUC PRESS X XTR, 4 , 4 -2MAA, $0-25 \mathrm{WC}$. STAT TUBE, DISP
BUILIING AUTOMATION PRODUC PRESS XMTR, $4-2 \mathrm{MA}, 0-5$ W.C. BUILDING AUTOMATION PRODUC PRESS XMTR, 4-20MA, 0 -5 W.C BUILDING AUTOMATION PRODUC PRESS XMTR, 4 -20MA, $0-5$ W.C. W/ STATIC TUBE BUILING AUTOMATION PRODUC PRESSS XMTR, 4-2-2MAA, , 0-5.5 W.C.C. W/ STATTC TUBE, BUILDIING AUTOMATION PRODUC PRESS XMTR, $4-20 \mathrm{MA}, 0-1$ W.C.
BIIDING AUTOMATON PRODUC PRESS XMTR $4-20 \mathrm{Mm}, 0-1$ W.C. BUILDING AUTOMATION PRODUC PRESS XMTR, 4 -2OMA, 0 -1 W.C. W/ DISPLAY BUILDING AUTOMATION PRODUC PRESS XMTR, $4-20 M A, 0-1$ W.C. STAT TUBE, DISP BUILDING AUTOMATION PRODUC PRESS XMTR, $4-20 \mathrm{MA},-1$ TO. 1 W.C.
 BUILING AUTOMATION PRODUC PRESS XMTR, 4 -2OMA,-1 TO. 1 W.C. STAT TUBE
BUILIING AUTOMATION PRODUC PRESS XMTR, $4-20 \mathrm{MA},+-0.1$ WC STAT TUBE, DISP BUILDING AUTOMATION PRODUC PRESS XMTR, 4-20MA, - -25 TO .25 W.C. BUILDING AUTOMATTON PRODUC PRESS XMTR, 4-2OMA, - -25 TO 25 W.C. W/ DI
 BUILDING AUTOMATION PRODUC PRESS XMTR, 4 -20MA, + --0. 25 WC STAT TUBE, DIS
BUILINI AUTOMATION PRODUC EZ PRESSURE W/ STATIC TUBE IN. W.C BUILDING AUTOMATION PRODUC PRESS XMTR, 4-20MA, -. 50 TO .50 W.C. BUILLING AUTOMATION PRODUC PRESS XMTR, 4-20MA, ,-50 TO . 50 W.C. W/ DIS BUILLING AUTOMATION PRODUC PRESS XMTR, 4-20MA, -.50 TO . 50 WC STAT TUBE,
BUILDING AUTOMATION PRODUC PRESS XMTR, 4-20MA, + ,-0.50 WC STAT TUBE, DISP BUILLING AUTOMATION PRODUC PRESS XMTR, $4-20 \mathrm{MA},+1-0.50$ WC STAT TUBE, DIS
BUILIING AUTOMATION PRODUC PRESS XMT, BUILING AUTOMATION PRODUC PRESS XMTR, 4-2OMA,-1 TO $1 \mathrm{~W}, \mathrm{C}$ BUILDING AUTOMATION PRODUC PRESS XMTR, $4-20 \mathrm{MA},-1$ TO 1 W.C. STAT TUBE BUIDING AUUOMATION PRODUC PRESS XMRT, $2-20 \mathrm{MA},-1$ TO 1 W.C. STAT TUUE,
BUILDING AUTOMATION PRODUC PRESS XMTR, $4-20 \mathrm{MA},+1-1$ WC STAT TUBE, DIS BUILDING AUTOMATION PRODUC PRESS XMTR, 4-20MA, 0 TO 30 PA BUILDING AUTOMATION PRODUC PRESS XMTR, 4-20MA, 0 TO 30 PA W/ STATIC BUILDING AUTOMATION PRODUC PRESS XMTR, 4 -2OMA, 0 TO 30 PA STATTC TUBE, DISP BULLLING AUTOMATION PRODUC PRESS XMTR, 4-2OMA, 0 TO 50 PA
BUILING AUTOMATION PRODUC PRESS XMTR 4-20MA 0 TO 50 PA BUILDING AUTTMATION PRODUC PRESS XMTR, 4-20MA, 0 TO 50 PA W/ DISPLAY BUILDING AUTOMATION PRODUC PRESS XMTR, 4 -2OMA, 0 TO 50 PA STATIC TUBE, DISP BUILDING AUTOMATION PRODUC PRESS XMTR, 4-20MA, 0 TO 100 PA BUILDING AUTOMATION PRODUC PRESS XMTR, 4-2OMA, 0 TO 100 PA W/ DISPLAY BUILDING AUTOMATION PRODUC PRESS XMTR, 4-20MA 0 TO 100 PA W/ STATIC TUBE,
BUILDING AUTOMATION PRODUC PRESS XMTR, 4-20MA, 0 TO 100 PA STAT TUBE, DIS BUILDING AUTOMATION PRODUC PRESS XMTR, 4-20MA, 0 TO 250 PA BUILDING AUTOMATION PRODUC PRESS XMTR, 4-20MA, 0 TO 250 PA W/ DISPLAY BUILDING AUTOMATION PRODUC PRESS XMTR, $4-20 \mathrm{MA}, 0$ TO 250 PA W/ STATIC TUBE,
BUILIING AUTOMATION PRODUC PRESS XMTR, 4 -20MA 0 TO 0250 PA STAT TUBE, DISP BUILDING AUTOMATTON PRODUC PRESS XMTR, 4-20MA, 0 TO 250 PA ST
BUILIING AUTOMATION PRODUC PRESS XMTR, 4 -20MA, -30 TO 30 PA BUILDING AUTOMATION PRODUC PRESS XMTR, $4-20 \mathrm{MA},-30$ TO 30 PA $\mathrm{W} / \mathrm{DISPLAY}$ BUILDING AUTOMATION PRODUC PRESS XMTR, 4-20MA, --30 TO 30 PA STATIC TUBE, BUILDING AUTOMATION PRODUC PRESS XMTR, 4 -2OMA, +1 -30 PA STAT TUBE, DISP BUILDING AUTOMATTON PRODUC PRESS XMTR, 4-20MA, -50 TO 50 PA BUILIING AUTOMATION PRODUC PRESS XMTR, 4-20MA ${ }^{2}$-50 50 PA W/ STATIC TUPE BUILLING AUTOMATION PRODUC PRESS XMTR, 4-20MA, $+/-50$ PA STAT TUBE, DIISP BUILIDING AUTOMATTIN PRODUC PRESS XMTR, 4-20MA, -200 TO 100 PA BUILDING AUTOMATTON PRODUC PRESS XMTR, 4-20MA, -200 TO 100 PA W/ DISPLAY
BUILIING AUTOMATION PRODUC PRESS XMTR, 4-20MA,-200 TO 100 PA STAT TUBE, BUILIING AUTOMATION PRODUC PRESS XMTR, 4-20MA, -200 TO 100 PA STAT TUBE,
BUILIING AUTOMATION PRODUC PRESS XMTR, 4-20MA, + -100 PA STAT TUBE, DISP BUILDING AUTOMATION PRODUC DIFF PRESSURE XMTR,MA,STATIC,0.10IN BUILDING AUTOMATTON PRODUC DIFF PRESSURE XMTR,MA,STATIC,DIS,0.10I BUILDING AUTOMATION PRODUC DIFF PRESSURE XMTR,MA,STATTC, 0.2 ISIN
BUILING AUTOMATION PRODUC DIFF PRESSURE XMTR MATATIC BUILDING AUTOMATION PRODUC DIFF PRESSURE XMTR,MA,STATIC, IIIN BUILLING AUTOMATION PRODUC DIFF PRESSURE XMTR,MA,STATIC,DIS,1 BUILDING AUTOMATION PRODUC DIFF PRESSURE XMTR,MA,STATIC,2.SIN BUILDING AUTOMATION PRODUC DIFF PRESSURE XMTR,MA,STATIC,DIS,2.SIN
BUILIING AUTOMATION PRODUC DIFF PRESSURE XMTRA, MATATC, SULDN AUTOMATION PRODUC DIFF PRESSURE XMTR,MA,STATIC,S, BUILDING AUTOMATION PRODUC DIFF PRESSURE XMTR,MA,STATIC, $+1-0.10$ IN BUILDING AUTOMATION PRODUC DIFF PRESSURE XMTR,MA,STATIC,DIS,$+1-0.10$ IN BUILDING AUTOMATION PRODUC DIFF PRESSURE XMTR,MA,STAATIC, $+1-$-25IN
BUIDING AUTOMATON PRODUC DFF PRESSURE XMTR M, BUILDING AUTOMATION PRODUC DIFF PRESSURE XMTR,MA,STATICD,DIS, +1 -2 2 IIN
BUILDING AUTOMATION PRODUC DIFF PRESSURE XMTR,MA,STATIC, + -1IN BUILING AUTOMATION PRODUC DIFF PRESSURE XMTR,MA,STATIC, BUILIING AUTOMATION PRODUC ZONE PRESSURE XMTR BUILDING AUTOMATION PRODUC - 1 TO 1 IN WC PRESS SENSOR
 BUILDING AUTOMATION PRODUC DIFF PRESSURE XMTR,MA,STATIC, + --SIN BUILIIING AUTOMATION PRODUC DIFF PRESSURE XMTR,MA,STATIC,DIS, + --5I BULLLING AUTOMATION PRODUC PRESS XMTR, 4-20MA, --250 TO 250 PA
BUILDING AUTOMATION PRODUC PRESS XMTR 4-20MA BUILDING AUTOMATION PRODUC PRESS XMTR, 4-20MA, -250 TO 250 PA W/ DIIPLAY BUILDING AUTOMATION PRODUC PRESS XMTR, 4-20MA, $+1-250$ PA STAT TUBE, DISP

2PS-10-SRR0-EZ-NT-D ZPS-10-SR83-BB-NT ZPS-10-SR83-BB-ST ZPP--10-SR83-BB-ST-D
ZPS-10-SR85-BB-NT ZPSS-10-SR855-BB-NT
ZPS-10-SR85-BB-NT-D ZPS-10-SR85-BB-NT
ZPS-10-SR85--BBT ZPS-10-SR885-BB-ST
ZPS-10-SR88-BB-NT ZPP-10-SS88-BB-NT
ZPS-10-SR88-BB-NT-D ZPSS-10-SR888-BB-ST

ZPS-10-SR88-BB-ST-D | ZPS-10-SRP90-BB-NT |
| :--- |
| ZPS-10-SRP9--BB-NT |
| D | ZPPS-10-SR90-BB-ST

ZPS-10-SR90-BB-ST-D ZPS-10-SR90-BB-ST-D 2PS-20-LR51-BB-NT-D ZPS-20-LR51-BB-ST ZPP-20-LR551-BB-STTD ZPS-20-LR51-EZ-N ZPS-20-LR252-BB-NT-
ZPS-20-R52-BB-ST ZPS-20-LR52-BB-ST-D ZPS-20-LR53-BB-N
 ZPS-20-LR55-BB-NT ZPS-20-LR55-BB-NT-D ZPS-20-LR55-BB-ST ZPS-20-LR55-BB-NT ZPP--20-LR56-B6-B-NT-D ZPS-20-LR56-BB-ST ZPP-20-LR55-BB-ST-DT 2PS-20-LR257-BB-NT-D
 ZPS-20-LR57-BB-STTD ZPS-20-LR55-BB-NT ZPS-20-LR55-BB-NT ZPP-20-LR58-BB-ST ZPS-20-LR60-BB-NT-D ZPS-20-LR60-BB-ST ZPS-20-LR60-BB-ST
ZPS-20-LR60-BB-ST-D
ZPS-1P61-BBT ZPS-20-LR61-BB-NT ZPSS-20-RL61-BB-NT ZPS-20-LR661-BB-ST ZPPS-20-LR62-BB-NT
ZPS-20-LR62-BB-NT-D ZPS-20-LR62-BB-NT ZPS-20-LR62-BB-ST ZPS-20-LR63-BB-NT ZPSS-20-LR663-BB-ST ZPS-20-LR63-BB-ST
ZPS-20-L663-BB-ST-D ZPSS-20-LR655-BB-NT ZPSS-20-LRR555-BB-BT-ST ZPS-20-LR65-BB-TT-D ZPS-20-LR66-BB-NT ZPS-20-LR66-BB-ST ZPS-20-LRE6-BB-TT-D ZPPS-20-LR67-BB-NT
ZPS-20-LR67-BB-NT-D ZPS-20-LR66-BB-NT ZPS-20-LR66-B6-ST-ST
 ZPS-20-LR66-BB-NT-D ZPS-20-LR68-BB-ST
ZPS-20-LR68-BB-ST ZPS-20-LR51-BB-ST ZPS-20-LR51-BB-ST-D ZPP--20-LR52-BB-ST
ZPS-20-IR52-BB-ST-D ZPS-20-LR52-BB-ST ZPSS-20-SR71-BB-ST ZPP--20-SR711-BB-ST ZPS-20-SR73-BB-ST-D
ZPS-20-SR75-BB-ST ZPS-20-SR75-BB-ST ZPS-20-LR556-BB-ST ZPS-20-LR55-BB-STT-D ZPS-20-LR57-BB-ST
ZPS-20-LR57-BB-ST-ZPS-20-LRT57-BB-ST-D
ZPS-20-SR76-BB-ST ZPS-20-SR76-BB-ST
ZPS-20-SR76-BB-ST-D ZPS-20-SR76-EU-NT ZPS-20-SR76-EX-NT-D ZPS-20-SR78-BB-ST ZPSP-20-SRTR8-BB-BB-ST ZPS-20-SR80-BB-ST-D
 ZPP-20-SR70-BB-NT ZPP-20-SR770-BB-ST




The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and in integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mouted IVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Cr) to commuicate among these systems and where the Building Automation Sy gar fir hall platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance: and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

As part of the and in conjumcion w.

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, nwers, water fountains, water heaters hot water tanks, garbage disposa
General Ductwork, Piping, etc. shall not be obtained on these contracts
Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not:
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
(coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from hese contracts for any oner purposes, incluading, but not limited to
B. Gdiovideo equipment or systems (e.g, smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.
 ZPST-20-SR73-BB-NT
ZPS-20-SR73-BB-NT-D ZPS-20-SR73-BB-ST ZPS-20-SR73-BB-ST-D ZPS-20-SR75-BB-NT ZPS-20-SR75-BB-NT-D
ZPS-20-SR75-BB-ST ZPS-20-SR75-BB-ST
ZPS-20-SR75-BB-ST-D ZPSS-20-SR75-EZ-ST-D ZPS-20-SR77-BB-NT ZPS-20-SR78-BB-NT-D
ZPS-20-SR78-BB-ST ZPS-20-SR77-BB-STTD
ZPS-20-SR80-BB-NT ZPS-20-SSB8-BB-NT
ZPS-2-SRBOBBB-NT-D ZPS-20-SR80-BB-ST ZPS-20-SR80-EZ-ST-D ZPSS-20-SR8BO-ELEST-DT ${ }^{\text {ZPSS-20-SR8B3-BB-NT-D }}$ ZPSS-20-SRS883-BB-ST-ZPS-20-SR885-BB-NT
PPS-2-SRSEBBB-NT-D ZPSS-20-SRR85-BB-ST ZPS-20-SR85-BB-ST-ZPS-20-SSR88-BB-NT-D ZPSS-20-SR88B-BB-ST-D ZPS-20-SR90-BB-NT
ZPSS-20-SR $20-$ SR90-BB-NT-ST
ZPS-20-SR90-BB-ST-D
ZPS-ACC10
BA/4200CO-1-D
BA/ $42000-1-D-P M$
BA/420CO--PM
BA/ $/ 220 \mathrm{CO}-3$
$\mathrm{BA} / 420 \mathrm{CO}-3-\mathrm{D}$
$\mathrm{BA} / 420 \mathrm{D} O-3-\mathrm{D}-\mathrm{PM}$
$\mathrm{BA} / 420 \mathrm{CO}-3-\mathrm{D}-\mathrm{DM}$
$\mathrm{BA} / 420 \mathrm{CO}-3 \mathrm{PM}$
BAA/42000O--1-D-EUO-FM
BA
BA BA/420CO-1-ND-EUO BA/BSS3-VOC10C60L6-1N-LED
BA/BS3F-ACD10-H210-102-Z-LED BA/BSSF-ACD10-H210-102-Z-ARW BA/BS3F-ACD10-H210-103-Z-LED BA/BSSF-ACD10-H210-103-Z-ARW BA/BSB3F-ACD10-H212-102-Z-LED
BA/BSSF-ACD10-H212-102-Z-ARW BA/BS3F-ACD10-H212-103-Z-LED BA/BS3F-ACD10-H212-103-Z-ARW BA/BSSF-ACD10-H205-102-Z-LED BA/BS3F-ACD $10-H 205-102-Z-A R W$
BA $/$ BSSF-ACD10-H205-103-Z-LED BA/BSSF-ACD10-H205-103-Z-ZARW BA/BSSF-ACDO5-H210-102-Z-LED BA/BS3F-ACDO5-H210-102-Z-ARW BA/BSBF-ACDO5-H210-103-Z-LED
BA/BSSF-ACDO5-H210-103-Z-ARW BA/BS3F-ACDO5-H212-1022-Z-LED BA/BS3F-ACDO5-H212-102-Z-ARW BA/BS3F-ACD05-H212-103-Z-LED BA/BS3F-ACDO5-H212-103-Z-ARW
BA/BS3F-ACDO5-H205-102--1ED BA/BSSZ-ACDO55-H205-1022-Z-ARW BA/BS3F-ACDO5-H205-103-Z-LED BA/BS3F-ACDO5-H205-103-Z-ARW BA/BS3F-ACDO5-Z-ARW
BA/BS3F-ACDO5-Z-LED BA/BS3F-ACDIO-Z-ARW BA/BS3F-ACDIO-Z-LED BA/BS3X-ACDIO-H210-102-Z-LED BA/BS3X-ACD10-H210-102-Z-ARW
BABSS3-ACD10-H210-103-Z-ED BA/BS3X-ACD10-H210-103-Z-LED
BA/BS3X-ACD10-H210-103-Z-ARW BA/BS3X-ACD10-H212-102-Z-LED BABSSX-ACD10-H212-102-Z-LED
BA/BSSX-ACD10-H212-102-Z-ARW BA/BS3X-ACD10-H212-103-Z-LED
BA/BS3X-ACD10-H212-103-Z-ARW BA/BS3X-ACD10-H212-103-Z-ARW
BA/BS3X-ACDIO-H205-102-Z-IED BABBSXX-ACD10-H205-102-Z-LED
BA $/$ BS3 3 -ACD $10-H 205-102-Z-A R W ~$ BA/BS3X-ACD10-H205-103-Z-Z-LED
 BA/BS3X-ACD05-H210-102-Z-LED
BA/BS3X-ACDO5-H210-102-Z-ARW BA/BS3X-ACDO5-H210-103-Z-LED BA/BSSXXX-ACDO5-H210-H210-103-Z-Z-ARD BA/BS3 3 -ACDO5-H212-102-Z-LED
BASSS $3-A C D O 5-H 212-102-7-A R W ~$ BAABS3-ACDO5-H212-102-Z-ARW
BA/BS3X-ACDO5-H212-103--LED
 BA/BS3X-ACDO5-H205-102-Z-LED BA/BSSXX-ACDO5-H2OO5-102--ARAW BA/BS3X-ACDO5-H205-103-Z-LED
BA/BS3X-ACDO5-H205-103-Z-ARW BA/BSSXX-ACDO5-Z-ARW BA/BS3X-ACD05-Z-LED BA/BS3X-ACD10-Z-ARW
BA
BS3X-ACD10-Z-IED BA/BS3X-ACD10-Z-LED
BA/BS4-ACDO5-BNK BA/BS4-ACDO5-LED

BUILDING AUTOMATION PRODUC DIFF PRESS TRANSDCER
BUILDING AUTOMATION PRODUC PRESS XMTR, 4 -2OMA, 0 TO 2.5 W.C.

 BUILDING AUTOMATION PRODUC PRESS XMTR, 4 -20MA, 0 TO 2.5 WC STAT TUBE, DISP
BUILIING AUTOMATION PRODUC PRESS XMTR, 4 -20MA , 0 TO 5 W.C. STATIC TUBE,
 BULILING AUTOMAMATITN PRRDUUC PRESSS XXTRTR, 4-20MA, 4 TOMA 5 W.C. STATIC TUBE,
BUILING AUTOMATION PRODUC PRESS XMTR, 4-2OMA, 0 TO 5 WC STAA TUBE, DISP BULLIING AUTTMATIIN PRODUC PRESS XMTR, 4-2OMA,
BILLING AUTOMATION PRODUC EZ PRESSURE W/ TTATIC TUEE IN. W.C.
 BUILILING AUTOMATOMATION PRODUC PRESS XMTR, 4-2OMA, -2.5 TO 2.5 WC STAT TUBE, BUILIING AUTOMATION PRODUC PRESS XMTR, 4 -2OMA, +--2.5 WC STAT TUBE, DISP BUILDING AUTOMATION PRODUC PRESS XMTR, $4-20 \mathrm{MA},-5$ TO 5 W .C. STAT TUBE, BUILDING AUTOMATION PRODUC PRESS XMTR, 4 --OMA, -5 TO 5 W.C. W/ DISPLAY
BUILING AUTOMATION PRODUC PRESS XMTR $4-20 \mathrm{MA}$, -5 TO 5 W. . STAT TUBE, BUILIING AUTOMATION PRODUC PRESS XMTR, 4-20MA, -5 TO 5 W.C. STAT TUBE,
BUILIING AUTOMATION PRODUC PRESS XMTR, 4-20MA, 5 TO 5 WC STAT TUBE, DIISP BUILDING AUTOMATION PRODUC EZ PRESSURE W/ STATIC TUBE IN. W.C.
BUILDING AUTOMATION PRODUC PRESS XMTR, 4-2OMA , O TO 500 PA W/ W/ STATIC TUBE, BUILDING AUTOMATION PRODUC PRESS XMTR, 4 -2OMA, 0 TO 500 PA $W /$ DISPLAY
BUILING AUTOMATION PRODUC PRESS XMTR 4 -2MMA BUILDING AUTOMATION PRODUC PRESS XMTR, 4-20MA, 0 TO 500 PA W/ STATIC TUBE,
BUIOMATION PRODUC PRESS XMTR, $4-2 \mathrm{MA}$, 0 TO 500 PA STAT TUBE, DISP BUILDING AUTOMATION PRODUC PRESS XMTR, 4 -2OMA, 0 TO 1000 PA STATIC TUBE, BUILDING AUTOMATION PRODUC PRESS XMTR, 4-20MA, 0 TO 1000 PA W/ DISPLAY BUILDING AUTOMATION PRODUC PRESS XMTR, 4-2OMA, 0 TO 1000 PA STATIC TUBE,
BUILDING AUTOMATION PRODUC PRESS XMTR, $4-20 \mathrm{MA}, 0$ TO1000 PA STAT TUBE, DISP BUILDING AUTOMATION PRODUC PRESS XMTR, 4-20MA, -500 TO 500 PA STAT TUBE, BUILDING AUTOMATION PRODUC PRESS XMTR, 4-20MA, -500 TO 500 PA W/ DISPLAY BUILDING AUTOMATION PRODUC PRESS XMTR, 4-20MA, -500 TO 500 PA STAT TUBE, BUILIING AUTOMATION PRODUC PRESS XMTR, $4-20 \mathrm{MA},+1$-500 PA STAT TUBE, DISP
BUILIING AUTOMATION PRODUC PRESS XMTR, $4-20 \mathrm{MA},-1250$ TO 1250 PA STAT TUB BULLIING AUTOMATION PRODUC PRESS XMTR, 4-20MA, -1250 TO 1255 PA STAT TUB
BUILING AUTOMATION PRODUC PRESS XMTR $4-20 \mathrm{MA}$, -1250 TO 1250 PA W/ DISPLAY BUILDING AUTOMATION PRODUC PRESS XMTR, $4-20 \mathrm{MA},-1250$ TO 1250 PA STAT TUB BUILDING AUTOMATION PRODUC PRESS XMTR, 4 -20MA, + -1250 PA STAT TUBE, DISP BUILDING AUTOMATION PRODUC OUTSIDE AIR PICKUP W/ENCLOSURE
BUILDING AUTOMATION PRODUC CO SENSOR 100 PPM SUILDING AUTOMATION PRODUC CO SENSOR 100 PPM BULLING AUTOMATION PRODUC CO SENSOR W/ DISPLAY 100 PPM PANEL MT BUILDING AUTOMATION PRODUC CO SENSOR 100 PPM PANEL MT BUILDING AUTOMATTON PRODUC CO SENSOR 300 PPM
BUILDING AUTOMATTON PRODUC CO SENSOR W/ DIIPLAY 300 PPM
BULIIING AUTOMATION PRODUC CO SNNSR W/ DISPIAY 30 PPM
BUILDING AUTOMATION PRODUC CO SENSOR 300 PPM PANEL MT
BUILDING AUTOMATION PRODUC CO MONITOR 1OOPPM DISPLAY EU BOX CONDUIT MOUNT BUILDING AUTOMATION PRODUC CO MONITOR 100PPM NO DISPLAY EU BOX
BUILDING AUTOMATION PRODUC BAPI VOC 0 -10 VDC W/LED BUILINING AUTOMATTON PRODUC BAPI VOC $0-10$ VDC W/LED BUILDING AUTOMATION PRODUC BAPI CO2 0 -10 VDC RH 10 V T2 10 K TEMP LED W/DISP BUILIING AUTOMATION PRODUC BAPI CO2 0-10 VDC RH 10V T3 10K TEMP LED W/DISP BUILDING AUTOMATION PRODUC BAPI CO2 0 -10 VDC RH 10 V T3 10 K TEMP ARROW W/DIS
BUILINING AUTOMATION PRODUC BAPI CO2 $0-10$ VDC RH 10 V T2 10 K TEMP IED W/DISS BULLDING AUTOMATTON PRODUC BAPI CO2 0 -10 VDC RH 10V TT 10K TEMP LED W/DISP
BUILIING AUTOMATION PRODUC BAPI CO2 0 -10 VDC RH 10 V T2 10 K TEMP ARROW W/DIS BUILDING AUTOMATION PRODUC BAPI CO2 O-10 VDC RH 10V T3 10 K TEMP LED W/DISP BUILLING AUTOMATION PRODUC BAPI CO2 $0-10 \mathrm{VDC}$ RH 10 V T3 10 K TEMP ARROW W/DISP BULLDING AUTOMATTON PRODUC BAPI CO2 0-10 VDC RH 5V T2 10K TEMP LED W/DIISP BUILDING AUTOMATION PRODUC BAPI CO2 0-10 VDC RH 5V T2 10K TEMP ARROW W/DIS
BUILDING AUTOMATION PRODUC BAPI CO2 0 -10 VDC RH 5 V T3 10 K TEMP LED W/DISP BUILDING AUTOMATION PRODUC BAPI CO2 0 -10 VDC RH 5 V T3 10K TEMP ARROW w/DIS BUILDING AUTOMATION PRODUC BAPI CO2 $0-5 \mathrm{VDC}$ RH 10 V T2 10 K TEMP LED W/DISP BUILDING AUTOMATION PRODUC BAPI CO2 $0-5$ VDC RH 10V T2 10 K TEMP ARROW W/DISP BUILDING AUTOMATION PRODUC BAPI CO2 0 -5 VDC RH 10 V T3 10 K TEMP LED W/DISP
BUILINIG AUTOMATION PRODUC BAPI CO2 $0-5$ VDC RH 10V T3 10 K TEMP ARROW W/DISP BUILDING AUTOMATION PRODUC BAPI CO2 0 -5 VDC RH 10 V T2 10 K TEMP LED W/DISP BUILDING AUTOMATION PRODUC BAPI CO2 $0-5$ VDC RH 10 V T2 10 K TEMP ARROW W/DISP BUILDING AUTOMATTON PRODUC BAPI CO2 $0-5$ VDC RH 10 V T3 10 K TEMP LED W/DISP BUILDING AUTOMATION PRODUC BAPI CO2 0-5 VDC RH 10V T3 1OK TEMP ARROW W/DIS BUILIIING AUTOMATION PRODUC BAPI CO2 0 O-5 VDC RH 5V T2 10 K TEMP ARROW W/I BUILDING AUTOMATION PRODUC BAPI CO2 0 -5 VDC RH 5 V T3 10 K TEMP LED W/DISP BUILDING AUTOMATTON PRODUC BAPI CO2 $0-5$ VDC RH $5 V$ T3 10 K TEMP ARROW W/DISP BUILDING AUTOMATION PRODUC BAPI CO2 $0-5$ VDC ARROW
BUILING AUTOMATION PRODUC BAPI CO2 $0-5$ VDC
BUILLILING AUTOMATION PRODUC BAPI CO2 0 -10 VIC ARROW
BUILDING AUTOMATION PRODUC BAPI CO2 $0-10$ VDC LED
BUILDING AUTOMATION PRODUC BAPI CO2 0-10 VOC LED
BUC 10 V T2 10 K TEMP LED WO/DISP BUILDING AUTOMATION PRODUC BAPI CO2 $0-10$ VDC RH 10 V T2 10 K TEMP ARROW WO/DISP
BUILING AUTOMATION PRODUC BAPI CO2 $0-10$ VDC RH 10 V T3 10 K TEMP LED WO/DISP BUILDING AUTOMATION PRODUC BAPI CO2 $0-10$ VDC RH 10 V T3 10 K TEMP LED WO/DISP
BUILIING AUTOMATION PRODUC BAPI CO2 $0-10 \mathrm{VDC}$ RH 10 V T3 10 K TEMP ARROW WO/DISP BUILDING AUTOMATION PRODUC BAPI CO2 0 -10 VDC RH 10 V T2 10 K TEMP LED WO/DISP BUILDING AUTOMATION PRODUC BAPI CO2 $20-10$ VDC RH 10 V T2 10 K TEMP ARROW WO/DISP BUILDING AUTOMATION PRODUC BAPI CO2 $0-10$ VDC RH 10 V T3 10 K TEMP LED WO/DISP
BUILDING AUTOMATION PRODUC SUILDING AUTOMATION PRODUC BAPI CO $20-10$ VDC RH 5 V T2 10 K TEMP LED WO/DISP BUILDING AUTOMATION PRODUC BAPI CO2 0 -10 VDC RH $5 V$ T2 10 K TEMP ARROW WO/DIS BUILDING AUTOMATION PRODUC BAPI CO2 $0-10$ VDC RH 5 V T3 10 K TEMP LED WO/DISP BUILLING AUTOMATION PRODUC BAPI CO2 $0-10$ VDC RH $5 V$ T3 10 K TEMP ARROW WO/DIS
BUILDING AUTOMATION PRODUC BAPI CO2 0 -5 VDC RH 10 V T2 10 K TEMP LED WO/DISP BUILLDING AUTOMATION PRODUC BAPI CO2 0 -5 VCC PH 10V T2 10 K TEMP ARROW WOPIS BUILDING AUTOMATION PRODUC BAPI CO2 0-5 VDC RH 10V T3 10 K TEMP LED WO/DISP BUILLING AUTOMATION PRODUC BAPI CO2 0 -5 VDC RH 10 V T3 10 K TEMP ARROW WO/DIS BUILDING AUTOMATION PRODUC BAPI CO2 $0-5$ VDC RH 10 V T2 10 K TEMP LED WO/DISP
BUILDING AUTOMATION PRODUC BAPI CO2 $0-5$ VDC BUILDING AUTOMATION PRODUC BAPI CO2 0 - 5 VDC RH 10 V T3 10 K TEMP LED WO/DISP BUILDING AUTOMATION PRODUC BAPI CO2 0-5 VDC RH 10V T3 10 K TEMP ARROW WO/DISP BUILDING AUTOMATION PRODUC BAPI CO2 $0-5 \mathrm{VDC}$ RH 5 V T2 10 K TEMP LED WO/DISP BUILDING AUTOMATTON PRODUC BAPI CO2 $0-5$ VDC RH 5 V T2 10 K TEMP ARROW WO/DIS BUILDING AUTOMATION PRODUC BAPI CO2 $0-5$ VDC RH 5 V T3 10 K TEMP ARROW WO/DISP BUIDING AUTOMATION PROOUC BPPI CO2 $2-5$ VIC BUILIING AUTOMATION PRODUC BAPI CO2 $0-5$ VDC LED BUILDING AUTOMATITN PRRDUUC BAPI CO2 0 -10 VDC ARROW BUILDING AUTOMATION PRODUC BAPI CO2 $0-10$ VDC LED
BUILDING AUTOMATION PRODUC BAPI CO2 2000 PPM W/0-5 VDC BUILDING AUTOMATION PRODUC BAPI CO2 2000PPM W/0-5 VDC W/LED

> ZPS-20-SR71-EZ-NT-D ZPSS-20-SR73-BR3-BE-NT ZPS-20-SR73-BB-ST ZPP--20-SR73-BB-ST-D
ZPS-20-SR75-BB-NT ZPS-20-SR75-BB-NT
ZPS-20-SR75-BB-NT-D ZPS-20-SR75-BB-NT-ZPS-20-SR75-BB-ST-D ZPS--20-SRT5-EZ-STTD
ZSP-20-ST78-BB-NT ZPS-20-SR78-BB-NT
ZPS-20-SR78-BB-NT-D 2PS-20-SR78-BB-NT-D
ZPS-20-SR78-BB-ST ZPS-20-SR78-BB-ST-
ZPS-20-SR80-BB-NT ZPS-20-SR80-BB-NT-D ZPS-20-SR80-BB-ST ZPS-20-SR80-EZ-ST-D ZPS-20-SS883-BB-NT-D S-20-SR83-BB-ST ZPS-20-SRB-BE-ST-D
ZPS--20-SR85-B-NT
ZSS-20-SR85-BB-NT-D ZPPS-20-SRR5-BE-ST
ZPS-20-SR85-BB-ST-D ZPS-20-SR88B-BB-NT
PPS-2O-SR8B-BB-NT ZPS-20-SR88-BB-NT ZPS-20-SRR88-BB-TT-D
ZPS-20-SRPO-BE-DT ZPSS-20-SR9O-BB-NT
ZPS-20-SRPO-BB-NT-D ZPS-20-SR90-BB-ST ZPSS-20-ARCP90
> A/420CO-1-ND-EUO-FM
> BA/420CO-1-D-EUO-FM
> BA/420CO-1-ND-EUO-PM
> BA/420CO-3-NDDEUO-FM
> BA/420CO-3-D-EUO-FM
BA/420CO-3-D-EUO-PM
> A/420CO-3-ND-EUO-PM
> BA/420CO-1-D-EUOO-FM
BA/420CO-1-ND-EUO
> BA/SS3F-VOC10-C60L6-1NI-LED
BA/BSFF-ACD $10-H 210-102-$-LED
> BA/BSSF-ACD10-H210-102-Z-ARW BA/BSSF-ACD10-H210-103-Z-LED BA/BSF3-ACD10-H210-103-2-ARD BA/BS3F-ACD10-H212-102-Z-LED
BA/BS3F-ACD10-H212-102--ARW BA/BS3F-ACD10-H212-103-Z-LED BA/BS3F-ACD10-H212-103-Z-ARW BA/BS3F-ACD10-H205-102-Z-LED BA/BSSF-ACD10-H205-102-Z-ARW A/BS3F-ACD10-H205-103-Z-ARW BA/BS3F-ACDO5-H210-102-Z-LED BA/BS3F-ACDO5-H210-102-Z-ARW BA/BSSF-ACDO5-H210-103-Z-LED AABS3F-ACDO5-H212-102-Z-LED BA/BS3F-ACDO5-H212-102-Z-ARW AA/BS3F-ACDO5-H212-103-Z-LED BA/BS3F-ACD05-H212-103-Z-ARW BA/BS3F-ACDO5-H205-102-Z-LED BA/BSSF-ACDO5-H205-103-Z-LED BABBS3F-ACDO5-H205-103-Z-ARW BA/BS3F-ACDD5-Z-ARW
BABS3F-ACDO5--LED
> BA/BS3F-ACDO5-Z-LED
> BA/BSSF-ACD10-Z-LED
> BA/BSSXX-ACC10-H210-102--LED
BABSXX-ACD10-H210-120-7-ARW BA/BS3X-ACD10-H210-102-2-ARW
BA/BS3X-ACD10-H210-103-7-1ED BA/BS3X-ACD10-H210-103-Z-LED BA/BS3X-ACD10-H212-102-Z-LED BA/BSSXX-ACD10-H2121-1202-Z-ARW
BA/BS3-ACD BA/BS3X-ACD10-H212-103-Z-LED
BA/B3X A/BS3X-ACD10-H212-103-Z-AR BA/BS3X-ACD10-H205-102-Z-ARW BA/BS3X-ACD10-H205-103-Z-LED BA/BS3X-ACD 10-H205-103-Z-ARW
BABS3X-ACDO5-H210-102-Z-1ED AABS3XXXX-ACDCD5 5 -H21010-1022-Z-ARW BA/BS3X-ACDO5-H210-103-Z-LED BA/BS3X-ACDO5-H210-103-Z-ARW BA/BS3X-ACD05-H212-102-Z-LED
BA/BS3X-ACDO5-H212-102-Z-ARW A/BS3X-ACDO5-H212-102-Z-ARW BA/BS3X-ACD05-H212-103-Z-ARW BA/BS3X-ACDO5-H205-102-Z-LED BA/BSSXX-ACDO5-H205-102-Z-ARW AA/BS3X-ACD05-H205-103-Z-LED BA/BS3X-ACDO5-Z-ARW BA/BSSXX-ACDO5-Z-LED BABSSX-ACD10-Z-ARW BA/BS3X-ACD10-Z-LED BABSS4ACDO5-BNK
BABS4-ACDO5-LED
 ( $\square$

The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
. Itegrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handers, fan coil, unit ventilator, heat pump, remote I/O modules, etc, which are Factory - Monded Hactequipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor entrolled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain pocols (e.g. BACNet, LonTalk, Modbus,號

Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, .
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Reoftop Units, boilers, air handlers, fan coil, unit ventiltor, he
A. Factory Installed/Factory-Provided micro-processor-controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
B. Audio-Video equi,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.
B. To identify an individual(s)' location in the event of a fire or emergency.

| moer | Wantiacturer Proctice Desaripition | urc Code | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, | List Price | \% Discoum | Nrs |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BA/BS4-ACD10-BNK | BUILILING AUTOMATION PRODUC BAPI CO2 2000PPM W/0-10 VDC | BA/BS4-ACD10-BNK | 1 | \$487.00 | 38\% | \$301.94 |
| BA/BS4-ACD10-LED | BUILDING AUTOMATION PRODUC BAPI CO2 2000PPM W/0-10 VDC W/LED | BA/BS4-ACD10-LED | 1 | \$487.00 | 38\% | \$301.94 |
| BA/RLD | building automation produc refrigerant leak detector | BA/RLD | 1 | \$571.00 | 38\% | \$354.02 |
| BA/VOCOS-D-BB | BUILDING AUTOMATION PRODUC BAPI VOC $0-5$ VDC DUCT APPLICATION | BA/VOCOS-D-bb | 1 | \$538.00 | 38\% | \$333.56 |
| BA/VOC10-D-BB | building automation produc bapi voc $0-10$ VdC duct application | BA/VOC10-D-bb | 1 | \$517.00 | 38\% | \$320.54 |
| BA/420CO-1-ND-EUO-FM | BUILIING AUTOMATION PRODUC CO MONITOR 100PPM NO DISPLAY EU BOX CONDUIT MOUNT | BA/420CO-1-ND-EUO-FM | 1 | \$640.00 | 38\% | \$396.80 |
| BA/420CO-3-ND-EUO-FM | BUILIING AUTOMATION PRODUC CO MONITOR 300PPM NO DISPLAY EU BOX CONDUIT MOUNT | BA/42000-3-ND-EUO-FM | 1 | \$640.00 | 38\% | \$396.80 |
| BA/BS3-VOCO5---ARW | BUILIIING AUTOMATION PRODUC BAPI VOC $0-5$ VDC No OVERRDE | BA/BS3F-VOCO5-Z-ARW | 1 | \$556.00 | 38\% | \$344.72 |
| BA/1.8K-O-EU | BUILIING AUTOMATION PRODUC 1.8 k OUTSİD AIR EU BOX | BA/1.8k-o-EU | 1 | \$38.77 | 38\% | \$24.04 |
| BA/1.8K-PP-25 | Building automation produc 1.8k Remote sensor 25f Leads | BA/1.8K-PP-25 | 1 | \$38.00 | 38\% | \$23.56 |
| BA/1.8K-R | building automation produc 1.8k delta enclosure | BA/1.86-R | 1 | \$23.60 | 38\% | \$14.63 |
| BA/1.8K-SP | BUILILING AUTOMATION PRODUC 1.8 K STAINLESS STEEL WALL PLATE | BA/1.8K-SP | 1 | \$23.60 | 38\% | \$14.63 |
| BA/1.8k-SP-SEC1 | building automation produc 1.8K Stainless steel wall plate w/ securit screws | BA/1.8K-SP-SEC1 | 1 | \$26.13 | 38\% | \$16.20 |
| BA/1.8k-STP | BUILDING AUTOMATION PRODUC 1.8 K STRAP ON W/ SPRING LOADED PROBE | BA/1.8k-STP | 1 | \$55.62 | 38\% | \$34.48 |
| BA/1.8K-AP | BUILIING AUTOMATION PRODUC TEMP SENSOR - Wall PLate | BA/1.8K-AP | 1 | \$25.00 | 38\% | \$15.50 |
| BA/1.8K-B-N-CG | BUILIING AUTOMATION PRODUC DUCT TEMP SENSOR | BA/1.8K-B-N-CG | 1 | \$30.00 | 38\% | \$18.60 |
| BA/1.8K-D-4-NB-10 | BUILDING AUTOMATION PRODUC TEMP SENSOR-DUCT | BA/1.8K-D-4-NB-10 | 1 | \$36.00 | 38\% | \$22.32 |
| BA/ $1.8 \mathrm{~K}-\mathrm{D}-8-\mathrm{NB}-10$ | BuILDING AUTOMATION PRODUC 1.8K 8iN DUCT PROBE No box 10FT LEADS | BA/ $1.8 \mathrm{~K}-\mathrm{D}-8$ - NB -10 | 1 | \$33.19 | 38\% | \$20.58 |
| BA/1.8K-PP-25-BB2 | buILDING AUTOMATION PRODUC 1.8K REMOTE SENSOR 25FT LEADS BAPI BOX2 | BA/1.8K-PP-25-8B2 | 1 | \$58.00 | 38\% | \$35.96 |
| BA/1.8k-R60L-2-CG | BUILDING AUTOMATION PRODUC TEMP SENSOR - ROOM | BA/1.8K-R60L--z-CG | 1 | \$33.00 | 38\% | \$20.46 |
| BA/1.8k-RA-12-NB | BUILDING AUTOMATION PRODUC RIGID AVERAGING UNIT | BA/1.8K-RA-12-NB | 1 | \$235.76 | 38\% | \$146.17 |
| BA/1.8K-SP-C40-02-N-CG | BUILDING AUTOMATION PRODUC SS PLATE TEMP SENSOR | BAA1.88-SP-C40-02-N-CG | 1 | \$162.90 | 38\% | \$101.00 |
| BA/ $100-\mathrm{O}-\mathrm{EU}$ | builiding automation produc 100k OUTSİE AIR EU BOX | BA/100-O-EU | 1 | \$48.04 | 38\% | \$29.78 |
| BA/100-3W-O-EU | BUILDING AUTOMATION PRODUC OUTDOOR AIR TEMP SENSOR | BA/ $100-3 \mathrm{~W}$-O-EU | 1 | \$48.04 | 38\% | \$29.78 |
| BA/100-3W-P-4-4TEE | BUILDING AUTOMATION PRODUC 1003W-P-4.0-TF PROBE ONLY -PO | BA/100-3W-P-4-TPE | 1 | \$33.00 | 38\% | \$20.46 |
| BA/100K-D-4 | building automation produc 1003W 4in duct probe j-box | BA/100K-D-4 | 1 | \$29.23 | 38\% | \$18.12 |
| BA/100K-D-8 | BUILDING AUTOMATION PRODUC 1003W 8IN DUCT PROBE J-BOX | BA/100K-D-8 | 1 | \$29.23 | 38\% | \$18.12 |
| BA/100K-RPP-10 | BUILDING AUTOMATION PRODUC 100K REMOTE PROBE 10FT LEADS | BA/100K-RPP-10 | 1 | \$30.00 | 38\% | \$18.60 |
| BA/100K-S | BUILDING AUTOMATİN PRODUC TEMP SENSOR - CLAMP ON STRAP | BA/100k-S | 1 | \$48.00 | 38\% | \$29.76 |
| BA/100-P-6.5-TFE | BUILDING AUTOMATION PRODUC 10--P-6.5-TT PROBE ONLY | BA/100-P-6.5.-TFE | 1 | \$35.00 | 38\% | \$21.70 |
| BA/100-SP | BUILDING AUTOMATION PRODUC SS PLATE TEMP SENSOR | BA/100-SP | 1 | \$32.87 | 38\% | \$20.38 |
| BA/10k-2-O-EU | building automation produc 10k-2 OUTSIDE AIR EU BOX | BA/10K-2-O-EU | 1 | \$38.77 | 38\% | \$24.04 |
| BA/10K-2-PP-18 | BUILIING AUTOMATION PRODUC 10 K -2 REMOTE PROBE 18IN LEADS | BA/10K-2-PP-18 | 1 | \$19.28 | 38\% | \$11.95 |
| BA/10K-2-RPP-10 | BUILDING AUTOMATION PRODUC 10 -2 REMOTE PROBE 10FT LEADS | BA/10-2-RPP-10 | 1 | \$30.00 | 38\% | \$18.60 |
| BA/10K-2-RPP-15 | BUILDING AUTOMATION PRODUC 10 -2 REMOTE PROBE 15FT LEADS | BA/10-2-RPP-15 | 1 | \$36.00 | 38\% | \$22.32 |
| BA/10K-2-RPP-18 | BUILDING AUTOMATION PRODUC 10 -2 REMOTE PROBE 18IN LEADS | BA/10-2-RPP-18 | 1 | \$25.00 | 38\% | \$15.50 |
| BA/10K-2-RPP-5 | BUILDING AUTOMATION PRODUC BAPI SENSOR | BA/10K-2-RPP-5 | 1 | \$25.00 | 38\% | \$15.50 |
| BA/10k-2-SD-36 | BUILILING AUTOMATION PRODUC 10K-2 36IN SUBMERSIBLE DUCT PROBE J-box | BA/10k-2-SD-36 | 1 | \$238.00 | 38\% | \$147.56 |
| BA/10K-2-SD-48 | BUILILING AUTOMATION PRoduc 10k-2 48iN SUBMERSIBLE DUCT Probe J-box | BA/10K-2-SD-48 | 1 | \$249.00 | 38\% | \$154.38 |
| BA/10k-3-A-8-EU | BUILDING AUTOMATION PRODUC 10 K -3 8FT AVERAGING PROBE EU BOX | BAA $10 \mathrm{~K}-3-\mathrm{A}-8-\mathrm{EU}$ | 1 | \$181.71 | 38\% | \$112.66 |
| BA/10K-3-AP | Building automation produc 10 -3 3 ALUMINUM Wall Plate | BA/ 10 -3-AP | 1 | \$25.00 | 38\% | \$15.50 |
| BA/ $10 \mathrm{~K}-3 \mathrm{BD}-8-\mathrm{EU}$ | BUILDING AUTOMATION PRODUC 10K-3 8in duct probe Eu box | BA/ $10 \mathrm{~K}-3 \mathrm{-D}-8-\mathrm{EU}$ | 1 | \$45.03 | 38\% | \$27.92 |
| BA/10k-3--4-EU | building automation produc 10k-3 4in imm. Probe eu box | BA/10-3-3-4-4E | 1 | \$46.29 | 38\% | \$28.70 |
| BA/10-3-LP-15 | builiing automation produc Low profile button sensor | BA/10K-3-LP-15 | 1 | \$37.13 | 38\% | \$23.02 |
| Ba/10K-3-0-EU | building automation produc 10k-3 OUTSIDE AIR EU BOX | BA/10\%-3---EU | 1 | \$38.77 | 38\% | \$24.04 |
| BA/10-3-3P-20 | building automation produc 10K-3 Remote sensor 20ft leads | BA/10к-3-PP-20 | 1 | \$45.00 | 38\% | \$27.90 |
| BA/10к-3-PP-25 | BUILIING AUTOMATION PRODUC 10 K -3 REMOTE SENSOR 25FT LEADS | BA/10K-3-PP-25 | 1 | \$38.00 | 38\% | \$23.56 |
| BA/10K-3-R-J-CG | Building automation produc 10 K -3 DeLta encl. $\mathrm{W} / \mathrm{O} / \mathrm{R}$ | BA $110 \mathrm{~K}-3$-R-J-CG | 1 | \$30.34 | 38\% | \$18.81 |
| BA/10k-3---Z-DF | BUILDING AUTOMATION PRODUC 10K-3 DELTA ENCL | BA/ $10 \mathrm{~K}-3$--R-Z-DF | 1 | \$23.60 | 38\% | \$14.63 |
| BA/10K-3-RPP-10 | BUILDING AUTOMATION PRODUC 10k-3 REMOTE PROBE10FT LEADS | BA/10K-3-PPP-10 | 1 | \$29.00 | 38\% | \$17.98 |
| BA/100-3-RSZ | BUILIING AUTOMATION PRODUC $10 \mathrm{~K}-3$ PrECON ENCL | BA/10K-3-RSZ | 1 | \$51.00 | 38\% | \$31.62 |
| BA/ $10 \mathrm{~K}-3-\mathrm{SA}-2$ | Building Automation produc 10k-3 2ft Submesible averaging probe J-box | BA/10K-3-SA-2 | 1 | \$195.00 | 38\% | \$120.90 |
| BA/10k-3-SP-O | building automation produc 10k-3 Stainless steel wall plate pushbutton o/r | BA/10K-3-SP-O | 1 | \$37.08 | 38\% | \$22.99 |
| BA/10k-3-11K-AP | Building automation produc 10k-311 ALUMINUM Wall Plate | BA/ 10 -3-311K-AP | 1 | \$25.00 | 38\% | \$15.50 |
| BA/ $10 \mathrm{~K}-3-11 \mathrm{~K}$-R | building automation Produc 10K-311K delta encl | BA/10k-3-11K-R | 1 | \$23.60 | 38\% | \$14.63 |
| BA/100-3-111-RSS | BUILIING AUTOMATION PRODUC 10 K -311K POWERS STYLE ENCL | BA/ $10 \mathrm{~K}-3-11 \mathrm{~K}$-RSS | 1 | \$102.00 | 38\% | \$63.24 |
| BA/100-3-111-RSZ | BUILDING AUTOMATION PRODUC 10 K -311K PRECON ENCL | BA/10K-3-11K-RSZ | 1 | \$51.00 | 38\% | \$31.62 |
| BA/10K-3-11K-SP | building automation produc 10-311K Stainless steel wall plate | BA/10K-3-111-SP | 1 | \$23.60 | 38\% | \$14.63 |
| BA/1002--A12-JB | building automation produc con avg, 12 Length | BA/10K-2-A-12 | 1 | \$177.55 | 38\% | \$110.08 |
| BA/10K2-AP | BUILIING AUTOMATION PRODUC ROOM, WALL PLATE, BLANK | BA/10-2-AP | 1 | \$25.00 | 38\% | \$15.50 |
| BA/10к2-D4-נв | BUILDING AUTOMATION Produc duct, 4 Insertion | BA/10К-2-D4-3 | 1 | \$30.81 | 38\% | \$19.10 |
| BA/10K-2-D-4-NB-5 | building automation produc duct, 4 INSERTION, W/5 LEADS | BA/ $/ 10 \mathrm{~K}-2 \mathrm{D}-4.4 \mathrm{NB}-5$ | 1 | \$30.81 | 38\% | \$19.10 |
| BA/10K-2-D-4-NB-10 | BUILDING AUTOMATION PRODUC DUCT, 4 INSERTION, W/10 LEADS | BA/10K-2-D-4-NB-10 | 1 | \$33.19 | 38\% | \$20.58 |
| BA/10K2-D8-NB-5 | BUILIING AUTOMATION PRODUC DUCT, 8 INSERTION, W/5 LEADS | BA/ $10 \mathrm{~N}-2-\mathrm{D}-8$ - $\mathrm{NB}-5$ | 1 | \$32.60 | 38\% | \$20.21 |
| BA/10K-2-D-8--NB-10 | BUILLING AUTOMATION PRODUC DUCT, 8 INSERTION, W/10 LEADS | BA/10K-2-D-8-NB-10 | 1 | \$33.19 | 38\% | \$20.58 |
| BA/10К2-0-BB | building automation produc outside air in bapi box | BA/10K-2-O-BB | 1 | \$38.77 | 38\% | \$24.04 |
| BA/10K-2-B4-z-CG-wMw | BUILIING AUTOMATION PRODUC 10K-2 BAPI STAT 4 NO O/R WARM White | BA/10k-2-b4-Z-CG-wMw | 1 | \$25.00 | 38\% | \$15.50 |
| BA/10K-2-D-12-NB-18 | BUILIING AUTOMATION PRODUC DUCT TEMP SENSOR | BA/10K-2-D-12-NB-18 | 1 | \$30.00 | 38\% | \$18.60 |
| BA/10K-2-D-4- NB - 10 | building automation produc 10k-2 4in duct probe no box 10ft leads | BA/10-2-D-4-NB-10 | 1 | \$33.19 | 38\% | \$20.58 |
| BA/10K-2-D-4-NB-18 | BUILLING AUTOMATION PRODUC 10 K -2 4IN DUCT PROBE NO BOX 18IN LEADS | BA/10K-2-D-4-NB-18 | 1 | \$28.44 | 38\% | \$17.63 |
| BA/10K-2-D-4-NB-36 | BUILDING AUTOMATION PRODUC TEMP SENSOR - DUCT | BA/10K-2-D-4-NB-36 | 1 | \$28.44 | 38\% | \$17.63 |
| BA/10K-2-D-4-NB-5 | building automation produc 10K-2 4in duct probe no box 5rt leads | BA/10K-2-D-4-NB-5 | 1 | \$30.81 | 38\% | \$19.10 |
| BA/10K-2-D-6-BB | BUILIING AUTOMATION PRODUC DUCT TEMP SENSOR | BAA $10 \mathrm{~K}-2 \mathrm{D}-\mathrm{C}-\mathrm{BB}$ | 1 | \$47.00 | 38\% | \$29.14 |
| BA/ $10 \mathrm{~K}-2 \mathrm{D}-8$-8B | BUILIING AUTOMATION PRODUC DUCT TEMP SENSOR | BA/10K-2-D-8-8B | 1 | \$47.00 | 38\% | \$29.14 |
| BA/10K-2-D-8-NB-10 | Building automation produc 10K-2 8in duct probe no box 10ft leads | BA/10K-2-D-8-NB-10 | 1 | \$33.19 | 38\% | \$20.58 |
| BA/10K-2-D-8-NB-18 | BUILLING AUTOMATION PRODUC 10 K -2 4IN DUCT PROBE NO BOX 18IN LEADS | BA/10K-2-D-8-NB-18 | 1 | \$28.44 | 38\% | \$17.63 |
| BA/10K-2-I-4-SS-BB | BUILDING AUTOMATION PRODUC IMMER TEMP SENSOR | BA/10K-2--4-SS-BB | 1 | \$97.00 | 38\% | \$60.14 |
| BA/10-2-I-4-5S-WP | building automation produc 10k-2 4in Stainless steel imm. Probe wp box | BA/10K-2--4-4S-WP | 1 | \$92.70 | 38\% | \$57.47 |
| BA/10K-2--P-4.5-TFE | BUILDING AUTOMATION PRODUC REPLACEMENT TEMP PROBE | BA/10K-2---4.5-TFE | 1 | \$25.00 | 38\% | \$15.50 |
| BA/10K-2-R23L6-N-BM5090-CG | BUILILING AUTOMATION PRODUC TEMP SENSOR - ROOM | BA/10K-2-R23L6-N-BM5090-CG | 1 | \$117.00 | 38\% | \$72.54 |
| BA/10K-2-R63L6-P-CG | BUILDING AUTOMATION PRODUC 10 K-2 DELAT ENCL SLI SETPOINT W/ O/R BIMEtAL Indic | BA/10K-2-R63L6-P-CG | 1 | \$37.92 | 38\% | \$23.51 |
| BA/10K-2-R63L6-P-TB-CG | BUILIING AUTOMATION PRODUC DUCT TEMP SENSOR | BA/10-2-R63L6-P-TB-CG | 1 | \$47.00 | 38\% | \$29.14 |
| BA/ $1010-2$-R63L--Z-CG | BUILDING AUTOMATION PRODUC DUCT TEMP SENSOR | BA/10K-2-R63L6---CG | 1 | \$31.00 | 38\% | \$19.22 |
| BA/10K-2-R8116-z-C35BM5090CG | BUILDING AUTOMATION PRODUC TEMP SENSOR - ROOM | BA/10-2-R8116-z-C358M5090CG | 1 | \$117.00 | 38\% | \$72.54 |
| BA/100-2-R81L6-2-CG | BUILDING AUTOMATION PRODUC TEMP SENSOR | BA/10K-2-R81L6--CG | 1 | \$33.00 | 38\% | \$20.46 |
| BA/10K-2-R8117---C35BM5090CG | BUILILING AUTOMATION PRODUC TEMP SENSOR - ROOM | BA/10-2-R81L7--C358M5090CG | 1 | \$118.09 | 38\% | \$73.22 |
| BA/10-2-2-833L-E-C-CG | building automation produc 10K-2 delta encl. Slide setpoint no o/r | BA/10K-2-R83L-2--CG | 1 | \$33.71 | 38\% | \$20.90 |
| BA/10-2-RPP-5-WP | BUILDING AUTOMATION PRODUC PROBE TEMP SENSOR | BA/10K-2-RPP-5-WP | 1 | \$43.00 | 38\% | \$26.66 |
| BA/10-2-RPP-6 | BUILDING AUTOMATION PRODUC PROBE TEMP SENSOR | BA/10K-2-RPP-6 | 1 | \$22.75 | 38\% | \$14.11 |
| BA/10K-2-2-Z-BM5090-CG | BUILDING AUTOMATION PRODUC TEMP SENSOR - ROOM | BA/10K-2-R-Z-BM5090-CG | 1 | \$100.00 | 38\% | \$62.00 |
| BA/10-2-2--2-C35-CG | BUILDING AUTOMATION PRODUC ROOM TEMP SENSOR | BA/10K-2-R-Z-C35-CG | 1 | \$35.00 | 38\% | \$21.70 |
| BA/10K-2-R-Z-CG | BUILDING AUTOMATION PRODUC TEMP SENSOR - ROOM | BA/10K-2-R-Z-CG | 1 | \$25.00 | 38\% | \$15.50 |
| BA/10K-2-SA-4 | building automation produc temp sensor submersible avg | BA/10K-2-SA-4 | 1 | \$223.00 | 38\% | \$138.26 |
| BA/10k-2-SD-18 | BUILDING AUTOMATION PRODUC SUBM DUCT TEMP SENSOR | BA/10K-2-SD-18 | 1 | \$217.00 | 38\% | \$134.54 |
| BA/10k-2-SD-24 | BUILDING AUTOMATION PRODUC TEMP SENSOR SUBMERSIBLE - duct | BA/10K-2-SD-24 | 1 | \$237.00 | 38\% | \$146.94 |
| BA/10K-2-SP-C00-z-CG | building automation produc temp senosr- no override | BA/10K-2-SP-C00-z-CG | 1 | \$98.00 | 38\% | \$60.76 |
| BA/10k-2-SP-K | BUILLING AUTOMATION PRODUC TEMP SENSOR - SS WALL PLATE | BA/10K-2-SP-K | 1 | \$77.53 | 38\% | \$48.07 |
| BA/10K-2-SP-02 | BUILDING AUTOMATION PRODUC TEMP SENSOR - SS WAL PLATE | BA/10K-2-SP-O2 | 1 | \$96.07 | 38\% | \$59.56 |
| BA/10K-2-SP-SEC1 | BUILDING AUTOMATION PRODUC 10-2-SP-SCS SECURITY SCREWS W/PLATE | BA/10K-2-SP-SEC1 | 1 | \$25.28 | 38\% | \$15.67 |
| BA/10K-3-0-EU | BUILDING AUTOMATION PRODUC OSA SENSOR | BA/100-3---EU | 1 | \$38.77 | 38\% | \$24.04 |
| BA/10K3-R-N-DF | BUILDING AUTOMATION PRODUC DELTA STYLE ROOM Unit With override | BA/ $10 \mathrm{~K}-3-\mathrm{R}-\mathrm{N}$-DF | 1 | \$29.00 | 38\% | \$17.98 |
| BA/10K-3-11k-A-12-BB | BUILDING AUTOMATION PRODUC 10 K -311K 12 FT AVERAGING PROBE BAPI BOX | BA/ $10 \mathrm{~K}-3-11 \mathrm{~K}-\mathrm{A}-12-\mathrm{BB}$ | 1 | \$185.81 | 38\% | \$115.20 |
| BA/ $10 \mathrm{~K}-3-11 \mathrm{~K}-\mathrm{A}-8-\mathrm{BB}$ | building automation produc 10k-311K 8FT AvERaGing probe bapi box | BA/ $10 \mathrm{~K}-3-11 \mathrm{~K}$ - -8 - -BB | 1 | \$181.71 | 38\% | \$112.66 |
| BA/10K-3-11K-AP-631 | BULLIING AUTOMATION PRODUC 10K-311K ALUMINUM WALL PLATE LOUVERED | BA/10K-3-11K-AP-631 | 1 | \$38.00 | 38\% | \$23.56 |
| BA/10K-3-111-D-18-EU | BUILIING AUTOMATION PRODUC 10k-311k 18IN DUCT PROBE EU BOX | BA/10K-3-11K-D-18-EU |  |  | 38\% | \$27.43 |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mont HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor antrolled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain ecols (e.g. BACCe, LonTalk, Modbus, platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
of Integrated Microprocessor-Based HVAC Equipment;

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtub howers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Roftop Units, boilers, air handlers, fan coil, unit ventibtor, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
B. Audio-Video equi,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' $\mathbf{l}$ location in the event of a fire or emergency.

| Number | aturer | Product Code |  | List Price | \% Discount | ws |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BA/10K-3-11K-D-2-NB-5 | BUILDING AUTOMATION PRODUC 10-311K 2 IN DUCT PROBE NO BOX 5FT LEADS | BA/10K-3-11K-D-2-NB-5 | 1 | \$30.02 | 38\% | \$18.61 |
| BA/10K-3-11K-D-4-4B | building Automation produc 10k-311K 4in duct probe bapi box | BA/10K-3-11K-D-4-BB | 1 | \$45.03 | 38\% | \$27.92 |
| BA/ $10 \mathrm{~K}-3-11 \mathrm{~K}$-D-4-4B-5 | BUILDING AUTOMATION PRODUC 10 -311K 4IN DUCT PROBE NO BOX 5-T LeADS | BA/10K-3-11-D-4-NB-5 | 1 | \$30.81 | 38\% | \$19.10 |
| BA/ $10 \mathrm{~K}-3-11 \mathrm{~K}-\mathrm{D}-4$-WP | BUILDING AUTOMATION PRODUC 10k-311K 4IN DUCT PROBE WEATHER PROOF BOX | BA/10K-3-11K-D-4-WP | 1 | \$44.24 | 38\% | \$27.43 |
| BA/10K-3-11K-D-8-BB | building Automation produc 10k-311K 8in duct probe bapi box | BA/ 10 -3-311K-D-8-BB | 1 | \$45.03 | 38\% | \$27.92 |
| BA/10K-3-11K-D-8-EUO | Building Automation Produc 10k-311K 8in duct probe euo box | BA/10K-3-11K-D-8-EUO | 1 | \$45.03 | 38\% | \$27.92 |
| BA/10K-3-11K-D-8-NB-5 | BUILDING AUTOMATION PRODUC 10 -311K 8in duct probe no box 5 FT LEADS | BA/10K-3-11K-D-8-NB-5 | 1 | \$30.81 | 38\% | \$19.10 |
| BA/10K-3-111-I-4-8B | building automation produc 10k-311/ 4in imm. Probe bapi box | BA/ 10 -3-3-11--I-4-BB | 1 | \$46.29 | 38\% | \$28.70 |
| BA/10K311KIIBB2 | BUILILING AUTOMATION PRODUC IMMERSIIN $10 \mathrm{~K}-3-11 \mathrm{~K}$ THERM | BA/10K3-11K-I-4-BB2 | 1 | \$50.00 | 38\% | \$31.00 |
| BA/10K-3-111-I-4-EU | BUILDING AUTOMATION PRODUC 10 -311K 4IN IMM. PROBE EU BOX | BA/10-3-311k-I-4-EU | 1 | \$46.29 | 38\% | \$28.70 |
| BA/10K311KI4WP | building automation produc 10k-311K 4in inm. Probe weather proof box | BA/ 10 K-3-11--I-4-WP | 1 | \$46.29 | 38\% | \$28.70 |
| BA/10k-3-11K-O-BB | building Automation produc 10k-311k OUTSIDE AIR BAPI BOX | BA/10K-3-11K-0-BB | 1 | \$38.77 | 38\% | \$24.04 |
| BA/10К-3-11k-O-BB2 | BuILDING AUTOMATION PRODUC 10 K -311K OUTSIDE AIR BAPI Box2 | BA/10א-3-11K-O-BB2 | 1 | \$38.77 | 38\% | \$24.04 |
| BA/10א-3-11k-O-EU | BUILİING AUTOMATION PRODUC 10 K -311K OUTSIDE AIR EU BOX | BA/10K-3-11K-O-EU | 1 | \$38.77 | 38\% | \$24.04 |
| BA/10k-3-11k-o-wp | butiding automation produc 10k-311K OUTSIDE AIR WEATHER Proof box | BA/10K-3-11K-O-wP | 1 | \$38.77 | 38\% | \$24.04 |
| BA/10K-3-11k-PP-18 | BUILILING AUTOMATION PRODUC 10 K -311K REMOTE SENSOR 18IN LEADS | BA/10K-3-11K-PP-18 | 1 | \$19.73 | 38\% | \$12.23 |
| BA/ $10 \mathrm{~K}-3$-11K-PP-20 | BUILILING AUTOMATION PRODUC 10 K -311K REMOTE SENSOR 20fT LEADS | BA/10k-3-11K-PP-20 | 1 | \$45.00 | 38\% | \$27.90 |
| BA/10-3-311K-PP-5 | BUILDING AUTOMATION PRODUC 10 -311K REMOTE SENSOR 5FT LEADS | BA/10K-3-11K-PP-5 | 1 | \$28.00 | 38\% | \$17.36 |
| BA/10K-3-11K-PP-6 | BUILDING AUTOMATION PRODUC 10 -311K REMOTE SENSOR GIN LEADS | BA/10K-3-11K-PP-6 | 1 | \$19.73 | 38\% | \$12.23 |
| BA/10K-3-11K-R-N-CG | BUILDING AUTOMATION PRODUC 10k-311 K DELTA ENCL W/ O/R | BA/10K-3-111--R-N-CG | 1 | \$30.34 | 38\% | \$18.81 |
| BA/10K311KRP210 | BUILIING AUTOMATION PRODUC REMOTE SENSOR WITH 10 LEADS | BA/10K-3-111--RPFEP2-10 | 1 | \$60.94 | 38\% | \$37.78 |
| BA/10K-3-11K-RPP-15 | building Automation produc 10k-311K REMOTE Probe15rt Leads | BA/10K-3-111-RPP-15 | 1 | \$30.00 | 38\% | \$18.60 |
| BA/10K-3-11K-RPP-18 | building Automation produc 10k-311K REMote probe18in Leads | BA/10K-3-11K-RPP-18 | 1 | \$24.00 | 38\% | \$14.88 |
| BA/10K-3-111-RPP-5 | BUILDING AUTOMATION PRODUC 10-311/ REMOTE PROBESFT LEADS | BA/10k-3-11K-RPP-5 | 1 | \$28.00 | 38\% | \$17.36 |
| BA/10k-3-11K-SP-O | building Automation produc 10k-311k-STAIILESS steel plate push button o/r | BA/100-3-11k-SP-0 | 1 | \$36.24 | 38\% | \$22.47 |
| BA/10K-3-86 | BUILIING AUTOMATION PRODUC ROOM TEMP SENSOR | BA/10-3-86 | 1 | \$25.00 | 38\% | \$15.50 |
| BA/10K-3-86-151 | BUILIING AUTOMATION PRODUC TEMP SENSOR - ROOM | BA/10-3-86-151 | 1 | \$25.00 | 38\% | \$15.50 |
| BA/ $10 \mathrm{~K}-3-\mathrm{A}-12-\mathrm{BB}$ | building automation produc avg temp sensor | BA/ $10 \mathrm{~K}-3-\mathrm{A}-12-\mathrm{BB}$ | 1 | \$194.00 | 38\% | \$120.28 |
| BA/ $10 \mathrm{~K}-3$ - $-5-50-\mathrm{BB}$ | BUILILING AUTOMATION PRODUC AVG TEMP SENSOR | BA/10K-3---50-BB | 1 | \$342.00 | 38\% | \$212.04 |
| BA/ $10 \mathrm{~K}-3-\mathrm{AP}$-0 | BUILDING AUTOMATION PRODUC ROOM TEMP SENSOR | BA/100-3-AP-O | 1 | \$39.00 | 38\% | \$24.18 |
| BA/ $100 \mathrm{~K}-3 \mathrm{D}-\mathrm{D} 22-\mathrm{EU}$ | BUILDING AUTOMATION PRODUC DUCT TEMP SENSOR | BA/10K-3-D-12-EU | 1 | \$47.00 | 38\% | \$29.14 |
| BA/10K-3-D-12-NB-15 | building automation produc 10k-3 12IN DUCT Probe no box 15Ft Leads | BA/10K-3-D-12-NB-15 | 1 | \$37.92 | 38\% | \$23.51 |
| BA/10K-3-D-12-NB-5 | building automation produc 10K-3 12IN duct probe no box 5ft leads | BA/ $10 \mathrm{~K}-3 \mathrm{BD}-12-\mathrm{NB}-5$ | 1 | \$30.81 | 38\% | \$19.10 |
| BA/10א-3-D-18-EUO | building Automation produc 10k-3 18IN duct probe eu box | BA/10K-3-D-18-EUO | 1 | \$45.82 | 38\% | \$28.41 |
| BA/10K-3-D-D-18-NB-10 | BUILDING AUTOMATION PRODUC DUCT TEMP SENSOR | BA/10K-3-D-18-NB-10 | 1 | \$33.00 | 38\% | \$20.46 |
| BA/100-3-D-18-NB-5 | BUILIING AUTOMATION PRODUC DUCT TEMP SENSOR | BA/ $10 \mathrm{~K}-3 \mathrm{D}-18$-NB-5 | 1 | \$33.00 | 38\% | \$20.46 |
| BA/ 10 K -3--D-4-NB-10 | BUILLING AUTOMATION PRODUC 10 K -3 4IN DUCT PROBE NO BOX 10FT LEADS | BA/ $10 \mathrm{~K}-3 \mathrm{D}-\mathrm{D}-4$ - $\mathrm{BB}-10$ | 1 | \$33.19 | 38\% | \$20.58 |
| BA/ $10 \mathrm{~K}-3 \mathrm{D}-\mathrm{D}-\mathrm{NB}-15$ | BUILDING AUTOMATION PRODUC DUCT TEMP SENSOR W/OUT ENCL | BA/ $10 \mathrm{~K}-3 \mathrm{D}-\mathrm{D}-4$ - $\mathrm{BB}-15$ | 1 | \$38.00 | 38\% | \$23.56 |
| BA/ $10 \mathrm{~K}-3 \mathrm{D}-\mathrm{D}-4 \mathrm{NB}$-5 | BUILDING AUTOMATION PRODUC 10 K -3 4in duct Probe No box 5ft leads | BA/10K-3-D-4-NB-5 | 1 | \$30.81 | 38\% | \$19.10 |
| BA/10K-3-D-6-BB | BUILDING AUTOMATION PRODUC TEMP SENSOR - DUCT | BA/ $10 \mathrm{~K}-3 \mathrm{D}-\mathrm{D}-6-\mathrm{BB}$ | 1 | \$47.00 | 38\% | \$29.14 |
| BA/ 10 -3-3-D-6-NB-10 | BUILDING AUTOMATION PRODUC DUCT TEMP SENSOR | BA/10K-3-D-6-NB-10 | 1 | \$34.00 | 38\% | \$21.08 |
| BA/ 10 - -3 - $-8-$ - $\mathrm{NB}-10$ | building automation produc 10k-3 8in duct probe no box 10Ft Leads | BA/ $10 \mathrm{~K}-3 \mathrm{BD}-8$-NB-10 | 1 | \$33.19 | 38\% | \$20.58 |
| BA/ 10 K-3-D-8-NB-15 | BUILIING AUTOMATION PRODUC No BOX DUCT TEMP. SENSOR | BA/10K-3-D-8-NB-15 | 1 | \$39.00 | 38\% | \$24.18 |
| BA/ $10 \mathrm{~K}-3-\mathrm{D}-8$ - $\mathrm{NB}-25$ | BUILLING AUTOMATION PRODUC 10 K -3 8IN DUCT PROBE NO BOX 25FT LEADS | BA/ $10 \mathrm{~K}-3 \mathrm{BD}-8-\mathrm{NB}-25$ | 1 | \$43.45 | 38\% | \$26.94 |
| BA/ $10 \mathrm{~K}-3 \mathrm{PD}-\mathrm{P}-\mathrm{NB}-5$ | BUILDING AUTOMATION PRODUC DUCT TEMP SENSOR | BA/10K-3-D-8-NB-5 | 1 | \$33.00 | 38\% | \$20.46 |
| BA/10к3 3100 WP | BUILILING AUTOMATION PRODUC TEMP/HUM COMBO OSA In WP BOX | BA/10K-3-H310-O-WP | 1 | \$334.35 | 38\% | \$207.30 |
| BA/10k-3-P-4.5-TFE | builiing automation produc remote temp sensor | BA/100-3-3-4.5-TFE | 1 | \$25.00 | 38\% | \$15.50 |
| BA/10K-3-PP-5 | BUILILING AUTOMATION PRODUC REMOTE TEMP SENSOR | BA/10K-3-PP-5 | 1 | \$28.00 | 38\% | \$17.36 |
| BA/10K-3-PP-6 | building automation produc probe temp sensor | BA/10K-3-PP-6 | 1 | \$24.00 | 38\% | \$14.88 |
| BA/10K-3-84116-z-CG | building automation produc 10k-3 delta encl. Slide setpoint no o/r | BA/10K-3-841L6--CG | 1 | \$33.71 | 38\% | \$20.90 |
| BA/10-3-860L6-z-CG | BUILDING AUTOMATION PRODUC DELTA ROOM TEMP SENSOR | BA/10K-3-R60L6-2-CG | 1 | \$33.00 | 38\% | \$20.46 |
| BA/10K-3-86116-z-CG | BUILDING AUTOMATION PRODUC ROOM TEMP SENSOR | BA/10K-3-R611L6-2-CG | 1 | \$32.00 | 38\% | \$19.84 |
| BA/10K-3-R6116-z-DF | BUILDING AUTOMATION PRODUC ROOM TEMP SENSOR | BA/10K-3-86116-2-DF | 1 | \$32.00 | 38\% | \$19.84 |
| BA/10K-3-R80L6-Z-C11-DF | BUILIING AUTOMATION PRODUC ROOM TEMP SENSOR | BA/10K-3-R80L6-2-C11-DF | 1 | \$43.00 | 38\% | \$26.66 |
| BA/10K-3-R80L6-Z-C12-DF | BUILDING AUTOMATION PRODUC TEMP SENSOR - ROOM | BA/10K-3-R80L6---C12-DF | 1 | \$43.00 | 38\% | \$26.66 |
| BA/10-3-382L6-N-C35BM5090DF | BUILILING AUTOMATION PRODUC TEMP SENSOR - ROOM | BA/10-3-382L6-N-C358M5090DF | 1 | \$127.00 | 38\% | \$78.74 |
| BA/10K-3-R-J-JF | BUILILING AUTOMATION PRODUC TEMP SENSOR - ROOM | BA/10k-3--J-JF | 1 | \$32.00 | 38\% | \$19.84 |
| BA/10K-3-RPP-100 | BUILIING AUTOMATION PRODUC 10 K -3 REMOTE PROBE100FT LEADS | BA/10K-3-RPP-100 | 1 | \$66.00 | 38\% | \$40.92 |
| BA/10K-3-RPP-18 | BUILDING AUTOMATION PRODUC TEMP SENSOR - ROOM | BA/10K-3-RPP-18 | 1 | \$24.00 | 38\% | \$14.88 |
| BA/10K-3-RPP-25 | BUILDING AUTOMATION PRODUC PROBE TEMP SENSOR | BA/10-3-3PP-25 | 1 | \$36.00 | 38\% | \$22.32 |
| BA/10-3-3PP-5 | BUILDING AUTOMATION PRODUC PROBE TEMP SENSOR | BA/10K-3-RPP-5 | 1 | \$28.00 | 38\% | \$17.36 |
| BA/10K-3-SA--NB | building automation produc 10 -3 2FT SUbmesible averaging probe no box | BA/10K-3-SA--NB | 1 | \$222.00 | 38\% | \$137.64 |
| BA/10K-3-SD-18-EU | building automation produc 10k-3 18in SUbmersible duct probe eu-box | BA/10K-3-SD-18-EU | 1 | \$223.00 | 38\% | \$138.26 |
| BA/10k-3-SP-01 | BUILIING AUTOMATION PRODUC TEMP SENSOR - SS WALL PLATE | BA/10k-3-SP-01 | 1 | \$121.92 | 38\% | \$75.59 |
| BA/10K-3-SP-C35 | BUILDING AUTOMATION PRODUC BALL PLATE | BA/10К-3-5P-C35 | 1 | \$36.24 | 38\% | \$22.47 |
| BA/10k-3-SP-C84-2-DF | BUILDING AUTOMATION PRODUC SS PLATE TEMP SENSOR | BA/10K-3-SP-C84--DF | 1 | \$93.00 | 38\% | \$57.66 |
| BA/10K-3-XP-I-4-BB | building automation produc 10k-3XP Extra precision 4in imm. probe bapi box | BA/10K-3-XP-I-4-BB | 1 | \$77.38 | 38\% | \$47.98 |
| BA/10K3XPI8 | BUILDING AUTOMATION PRODUC 10 K TYPE 3 TEMP SENSOR | BA/10K3XPI8 | 1 | \$48.00 | 38\% | \$29.76 |
| BA/116 | BUILIING AUTOMATION PRODUC SCREWDRIVER ALLEN WRENCH COMBO | BA/116 | 1 | \$8.77 | 38\% | \$5.44 |
| BA/116w | Building automation produ screwdriver allen wrench combo | BA/116w | 1 | \$35.00 | 38\% | \$21.70 |
| BA/12 | BUILDING AUTOMATION PRODUC THERMOWELL - WELDED SS | BA/12 | 1 | \$117.00 | 38\% | \$72.54 |
| BA/1K-A-100 | BUILDING AUTOMATION PRODUC 1K 100FT AVERAGING PROBE J-BOX | BA/1-A-A100 | 1 | \$432.30 | 38\% | \$268.03 |
| BA/11-D-18-BB2 | BUILDING AUTOMATION PRODUC 1K 18IN DUCT PROBE BAPI BOX | BA/1K-D-18-BB2 | 1 | \$52.92 | 38\% | \$32.81 |
| BA/1K-D-4-NB-10 | building automation produc 1 K 4IN DUCT Probe no box 10Ft leads | BA/1K-D-4-NB-10 | 1 | \$41.87 | 38\% | \$25.96 |
| BA/1K-D-4-NB-18 | building Automation produc 1 K 4IN DUCT PRobe no box 18in leads | BA/1K-D-4-NB-18 | 1 | \$36.34 | 38\% | \$22.53 |
| BA/1K-D-8-BB-TS | BUILDING AUTOMATION PRODUC 1K 8IN DUCT PROBE BAPI BOX TERMINAL STRIP | BA/ 11 -D- $-8-B B-T S$ | 1 | \$52.92 | 38\% | \$32.81 |
| BA/1K-D-8-NB-10 | building Automation produc 1 k 8in duct probe no box 10Ft Leads | BA/1K-D-8-NB-10 | 1 | \$41.87 | 38\% | \$25.96 |
| BA/1K-D-P-NB-15 | BUILDING AUUTOMATION PRODUC 1 L 8IN DUCT PROBE NO BOX 15FT LEADS | BA/ 11 -D-8- $-\mathrm{NB}-15$ | 1 | \$45.82 | 38\% | \$28.41 |
| BA/1K-D-8-NB-18 | BUILDING AUTOMATION PRODUC 1 K 8IN DUCT PROBE NO BOX 18IN LEADS | BA/ 11 -D-8-NB-18 | 1 | \$36.34 | 38\% | \$22.53 |
| BA/1--I-2-WP | BUILDING AUTOMATION PRODUC 1K בin imm probe weather proof box | BA/1K-I-2-WP | 1 | \$54.40 | 38\% | \$33.73 |
| BA/1-I-I-4B | Building automation produc ik 4in imm. Probe bapi box | BA/1K-I-4-BB | 1 | \$54.40 | 38\% | \$33.73 |
| BA/11-I-4-BB2 | BUILDING AUTOMATION PRODUC 1K 4IN IMM. PROBE BAPI BOX2 | BA/1-I--4-8B2 | 1 | \$54.40 | 38\% | \$33.73 |
| BA/1-I-I-4-EU | BUILDING AUTOMATION PRODUC 1 K 4IN IMM. PROBE EU BOX | BA/1K-I-4-EU | 1 | \$54.40 | 38\% | \$33.73 |
| BA/1K-I-4-SS | building Automation produc 1 K 4in Stainless imm. Probe J-box | BA/1K-I-4-SS | 1 | \$83.84 | 38\% | \$51.98 |
| BA/ $1 \mathrm{~K}-\mathrm{I}-4-\mathrm{WP}$ | BUILDING AUTOMATION PRODUC 1 1 4IN IMM. PROBE WEATHER PROOF BOX | BA/1--I-4-WP | 1 | \$54.40 | 38\% | \$33.73 |
| BA/ $/ 1-\mathrm{I}-8$ - -8 B 2 | BUILDING AUTOMATION PRODUC 1 K 8iN IMM. PROBE BAPI BOX2 | BA/1-I-8-8B2 | 1 | \$54.40 | 38\% | \$33.73 |
| BA/1--I-8-EU | BUILDING AUTOMATION PRODUC 1 K 8IN IMM. PROBE EU BOX | BA/1K-I-8-EU | 1 | \$54.40 | 38\% | \$33.73 |
| BA/1k-LP | BUILDING AUTOMATION PRODUC LOW PROFILE 1 K | BA/1K-LP | 1 | \$43.00 | 38\% | \$26.66 |
| BA/11-O-EU | building Automation produc 1k OUTSIDE AIr Eu box | BA/1k-O-EU | 1 | \$48.04 | 38\% | \$29.78 |
| BA/1K-O-WP | building automation produc ik outside air weather proof box | BA/1K-O-wP | 1 | \$48.88 | 38\% | \$30.31 |
| BA/1K-R | building automation produc 1 K DELTA ENCL | BA/1K-R | 1 | \$32.87 | 38\% | \$20.38 |
| BA/11-RPP-10 | BUILDIING AUTOMATION PRODUC 1 K REMOTE SENSOR 10FT LEADS | BA/1K-RPP-10 | 1 | \$37.00 | 38\% | \$22.94 |
| BA/11-RPP-15 | BUILIING AUTOMATION PRODUC 11 RemOTE SENSOR 15FT LEADS | BA/1-RPP-15 | 1 | \$43.00 | 38\% | \$26.66 |
| BA/1K-RPP-18 | BUILDING AUTOMATION PRODUC 11 RemOTE SENSOR 18IN LEADS | BA/1K-RPP-18 | 1 | \$35.00 | 38\% | \$21.70 |
| BA/11-RPP-20 | building automation produc 11 Remote Sensor 20Ft leads | BA/1K-RPP-20 | 1 | \$43.00 | 38\% | \$26.66 |
| BA/1K-RPP-5 | building automation produc 1 K REMote Sensor 5ft leads | BA/1K-RPP-5 | 1 | \$36.00 | 38\% | \$22.32 |
| BA/1-SA-4-WP | building Automation produc ik 4rt submersible averaging probe wp box | BA/1K-SA-4-WP | 1 | \$225.00 | 38\% | \$139.50 |
| BA/1K-SD-24 | building automation produc 1 K 24IN SUBMErsible duct j-box | BA/1K-SD-24 | 1 | \$232.00 | 38\% | \$143.84 |
| ${ }^{\text {BA/ } / 1 \text {-SP }}$ | BUILIING AUTOMATION PRODUC 1 1 STAAINLESS STEEL WALL PLATE | BA/1K-SP | 1 | \$32.87 | 38\% | \$20.38 |
| BA/11-SP-631 | BUILDING AUTOMATION PRODUC 1 K STAINLESS STEEL WALL PLATE LOUVERED | BA/1K-SP-631 | 1 | \$53.09 | 38\% | \$32.92 |
| BA/11-SP-O | BUILDING AUTOMATION PRODUC 1 K STAINLESS STEEL WALL PLATE PUSHBUTTON O/R | BA/1K-SP-O | 1 | \$45.51 | 38\% | \$28.22 |
| BA/1K-SP-02 | Building automation produc 1 K STAIILESS STEEL WALL PLA LOW Profile pb overrid | BA/11-SP-02 | 1 | \$123.31 | 38\% | \$76.45 |
| BA/1-2--I-4-WP | BUILDING AUTOMATION PRODUC 1 122 4IN IMM PROBE WEATHER PROOF BOX | BA/1K-2-I-4-WP | 1 | \$253.24 | 38\% | \$157.01 |
| BA/1-3-3--2-WP | BUILDING AUTOMATION PRODUC 1 1K3 2IN IMM PROBE WEATHER PROOF BOX | BA/1K-3-I-2-WP | 1 | \$241.37 | 38\% | \$149.65 |
| BA/11-3-1-4-WP | BUILDING AUTOMATION PRODUC 1K3 4IN IMM PROBE WEATHER PROOF BOX | BA/1K-3-I-4-WP | 1 | \$250.87 | 38\% | \$155.54 |

The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc, which are Factory-Monted HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIA),


Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

As part of the and in conjunction wilh the contractor providing the aforement.

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtub showers, water fountains, water heaters hot water tanks, garbage disposal
General Ductwork, Piping etce shall not be obtained on these contracts
Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not:
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited the
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

|  |  | Product Code |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | as required by Appendix B, | List Pice | \% Disount | NsS Nel Price |
| BA/1K-375-D-12-EUO | BUILDING AUTOMATION PRODUC 1 1K375 12IN DUCT PROBE EUO BOX | BA/1K-375-D-12-EUO | 1 | \$52.92 | 38\% | \$32.81 |
| BA/11-375--14-EUO | Building automation produc 1 K 375 4in imm. Probe euo box | BA/11-375--1-4-EUO | 1 | \$54.40 | 38\% | \$33.73 |
| BA/11-375-R-J-C-G | BUILILING AUTOMATION PRODUC TEMP SENSOR - ROOM | BA/11-375-R-J-C-G | 1 | \$38.77 | 38\% | \$24.04 |
| BA/1K7-SP | building automation produc wall plate sensor - ss | BA/1K[375]-SP | 1 | \$31.92 | 38\% | \$19.79 |
| BA/1--A-12-EU | butlining automation produc averaging temp sensor-probe | BA/1K-A-12-EU | 1 | \$214.00 | 38\% | \$132.68 |
| BA/11-A-24-EU | BUILILING AUTOMATION PRODUC AVERAGING TEMP SENSOR - PROBE | BA/1K-A-24-EU | 1 | \$239.00 | 38\% | \$148.18 |
| BA/1K-A-8-EU | BUILILING AUTOMATION PRODUC AVG TEMP SENSOR | BA/1K-A-8-EU | 1 | \$205.00 | 38\% | \$127.10 |
| BA/1K-AP | building automation produc alum plate temp sensor | BA/1K-AP | 1 | \$35.00 | 38\% | \$21.70 |
| BA/1K-AP-01-SEC1 | BUILILING AUTOMATION PRODUC ALUM PLATE TEMP SENSOR | BA/11-AP-01-SEC1 | 1 | \$70.00 | 38\% | \$43.40 |
| BA/1-D-D-12-EU | BUILDING AUTOMATION PRODUC DUCT TEMP SENSOR | BA/1K-D--12-EU | 1 | \$56.00 | 38\% | \$34.72 |
| BA/1K-D-24-EUO | BUILILING AUTOMATION PRODUC TEMP SENSOR - dUCT - RESISTANT | BA/1K-D-24-EUO | 1 | \$75.00 | 38\% | \$46.50 |
| BA/1K-D-4-EU | BUILDING AUTOMATION PRODUC DUCT TEMP SENSOR | BA/1K-D-4-EU | 1 | \$56.00 | 38\% | \$34.72 |
| BA/1K-D-4-NB-5 | BUILDING AUTOMATION PRODUC TEMP SENSOR - DUCT | BA/1K-D-4-NB-5 | 1 | \$41.00 | 38\% | \$25.42 |
| BA/1K-D-6-NB-10 | BUILDING AUTOMATION PRODUC DUCT TEMP SENSOR | BA/1K-D-6-NB-10 | 1 | \$44.00 | 38\% | \$27.28 |
| BA/1K-D-8-EU | BUILDING AUTOMATION PRODUC TEMP SENSOR - DUCT | BA/1k-D-8-EU | 1 | \$58.00 | 38\% | \$35.96 |
| BA/1K-I-2-BB | BUILDING AUTOMATION PRODUC IMMERSION SENSOR | BA/1K-I-2-BB | 1 | \$54.40 | 38\% | \$33.73 |
| BA/1K-I-2-EU | BUILDING AUTOMATION PRODUC IMMER TEMP SENSOR | BA/1K-I-2-EU | 1 | \$57.00 | 38\% | \$35.34 |
| BA/1K-I--SS-BB | BUILDING AUTOMATION PRODUC IMMERSION SENSOR NON-SHADED | BA/1K-I-4-SS-BB | 1 | \$104.00 | 38\% | \$64.48 |
| BA/1K-NI-SA-2-NB | Building automation produc ikni 2ft Submersible averaging no box | BA/1k-NI-SA-2-NB | 1 | \$251.00 | 38\% | \$155.62 |
| BA/1K-NI-SP-631 | BUILDING AUTOMATION Produc 1kNi STainless steel wall plate louvered | BA/11-NI-SP-631 | 1 | \$62.00 | 38\% | \$38.44 |
| BA/1K-NI-PP-18 | BuILDING AUTOMATION PRODUC PROBE TEMP SENSOR | BA/1k-NI-PP-18 | 1 | \$68.00 | 38\% | \$42.16 |
| BA/11-NI-PP-6 | BUILILING AUTOMATION PRODUC REMOTE TEMP SENSOR | BA/11-NI-PP-6 | 1 | \$48.00 | 38\% | \$29.76 |
| BA/1K-NI-R80L2-N-CG | BUILDING AUTOMATION PRODUC DUCT TEMP SENSOR | BA/1K-NI-R80L2-N-CG | 1 | \$81.00 | 38\% | \$50.22 |
| BA/1K-NI-SP | BUILDING AUTOMATION PRODUC SS PLATE TEMP SENSOR | BA/1K-NI-SP | 1 | \$49.00 | 38\% | \$30.38 |
| BA/1-NI-SPZ10 | BUILDING AUTOMATION PRODUC TEMP SENSOR -ROOM | BA/1--NI-SPZ10 | 1 | \$409.82 | 38\% | \$254.09 |
| BA/11-O-BB2 | BUILDING AUTOMATION PRODUC OUTDOOR TEMP SENSOR | BA/1K-O-BB2 | 1 | \$48.88 | 38\% | \$30.31 |
| BA/1K-P-12.25-TFE | BUILDING AUTOMATION PRODUC PROBE TEMP SENSOR | BA/1K-P-12.25-TPE | 1 | \$35.00 | 38\% | \$21.70 |
| BA/1-P-4.4.5-TEE | BUILLING AUTOMATION PRODUC REPLACEMENT TEMP PROBE | BA/1K-P-4.5-TTE | 1 | \$35.00 | 38\% | \$21.70 |
| BA/1K-P-6.5-TTE | BUILDING AUTOMATION PRODUC REPLACEMENT PROBE | BA/1K-P-6.5-TTE | 1 | \$35.00 | 38\% | \$21.70 |
| BA/1K-P-8.25-TFE | BuILDING AUTOMATION PRODUC PROBE TEMP SENSOR | BA/1K-P-8.25-TFE | 1 | \$35.00 | 38\% | \$21.70 |
| BA/1K-PP-10 | BUILDING AUTOMATION PRODUC PROBE TEMP SENSOR | BA/1K-PP-10 | 1 | \$41.00 | 38\% | \$25.42 |
| BA/1K-PP-15 | BUILILING AUTOMATION PRODUC REMOTE TEMP SENSOR | BA/1K-PP-15 | 1 | \$43.00 | 38\% | \$26.66 |
| BA/1K-PP-18 | BUILILING AUTOMATION PRODUC REMOTE TEMP SENSOR | BA/1K-PP-18 | 1 | \$29.00 | 38\% | \$17.98 |
| BA/1K-PP-25 | BUILILING AUTOMATION PRODUC REMOTE TEMP SENSOR | BA/1K-PP-25 | 1 | \$51.00 | 38\% | \$31.62 |
| BA/1K-PP-50 | building automation produc remote sensor 50 Leads | BA/1K-PP-50 | 1 | \$68.00 | 38\% | \$42.16 |
| BA/1K-PP-6 | BUILILING AUTOMATION PRODUC REMOTE TEMP SENSOR | BA/1K-PP-6 | 1 | \$30.00 | 38\% | \$18.60 |
| BA/1K-R25L2--DF | BUILİING AUTOMATION PRODUC TEMP SENSOR - ROOM | BA/1K-R25L2-J-DF | 1 | \$49.00 | 38\% | \$30.38 |
| BA/1K-R254-P-DF | BUILİING AUTOMATION PRODUC ROOM TEMP SENSOR | BA/1K-R25L4-P-DF | 1 | \$49.00 | 38\% | \$30.38 |
| BA/1K-R254---DF | BUILİING AUTOMATION PRODUC ROOM TEMP SENSOR | BA/1K-R25L4--DF | 1 | \$43.00 | 38\% | \$26.66 |
| BA/1K-R25L6-P-C11-DF | BUILILING AUTOMATION PRODUC TEMP SENSOR - ROOM | BA/11-R25L6-P-C11-DF | 1 | \$59.00 | 38\% | \$36.58 |
| BA/11-R25L6-P-CG | BUILDING AUTOMATION PRODUC TEMP SENSOR - ROOM | BA/11-R25L6-P-CG | 1 | \$48.00 | 38\% | \$29.76 |
| BA/1k-R25L6-P-DF | BUILDING AUTOMATION PRODUC 1 K delta encl slider setpoint w/ o/R | BA/11-R25L6-P-DF | 1 | \$46.35 | 38\% | \$28.74 |
| BA/1K-R25L6---BM5090 | BUILIING AUTOMATION PRODUC TEMP SENSOR - ROOM | BA/1K-R25L6--8M5090 | 1 | \$111.94 | 38\% | \$69.40 |
| BA/1k-R25L6-z-CG | BUILIING AUTOMATION PRODUC TEMP SENSOR - ROOM | BA/1-R25L6-z-CG | 1 | \$42.00 | 38\% | \$26.04 |
| BA/1k-R26L6-N-DF | bulling automation produc ik delta encl slider setpoint w/ o/R o/R | BA/1-R26L6-N-DF | 1 | \$58.15 | 38\% | \$36.05 |
| BA/1K-R27L6-P-DF | BUILDING AUTOMATION PRODUC TEMP SENSOR - ROOM | BA/1-R27L6-P-DF | 1 | \$48.00 | 38\% | \$29.76 |
| BA/1K-R27L6--z-DF | building automation produc ik delta encl slider setpoint no o/r | BA/11-R27LL6--DF | 1 | \$44.67 | 38\% | \$27.70 |
| BA/1K-R402-2--BM5090-CG | BUILDING AUTOMATION PRODUC ROOM TEMP SENSOR | BA/11-R40L2--BM5090-CG | 1 | \$117.00 | 38\% | \$72.54 |
| BA/1--R-N-CG | BUILDING AUTOMATION PRODUC ROOM TEMP SENSOR | BA/1-R-N-CG | 1 | \$41.00 | 38\% | \$25.42 |
| BA/1--R-Z-BM $5090-\mathrm{CG}$ | BUILILING AUTOMATION PRODUC ROOM TEMP SENSOR | BA/1--R-z-BM $5090-\mathrm{CG}$ | 1 | \$109.00 | 38\% | \$67.58 |
| BA/1K-R-Z-CG | BUILILING AUTOMATION PRODUC ROOM SENSOR | BA/1k-R-z-CG | 1 | \$35.00 | 38\% | \$21.70 |
| BA/1k-S-BB | BUILDING AUTOMATION PRODUC CLAMP-ON STRAP TEMP SENSOR | BA/1K-S-BB | 1 | \$69.95 | 38\% | \$43.37 |
| BA/1K-SD-12 | BUILDING AUTOMATION PRODUC DUCT TEMP SENSOR | BA/1K-SD-12 | 1 | \$223.00 | 38\% | \$138.26 |
| BA/1K-SD-48 | BUILIING AUTOMATION PRODUC SUBM DUCT TEMP SENSOR | BA/1K-SD-48 | 1 | \$260.00 | 38\% | \$161.20 |
| BA/1k-SPC40-z-CG | BUILDING AUTOMATION PRODUC TEMP SENSOR | BA/11-SPC40-z-CG | 1 | \$96.07 | 38\% | \$59.56 |
| BA/1K-TB-M304-1-BB2 |  | BA/1K-TB-M304-1-BB2 | 1 | \$174.39 | 38\% | \$108.12 |
| BA/1ктвМ30448B2 | building automation produc 1k 4in M304 BuFFer bapi box2 | BA/1K-TB-M304-4-BB2 | 1 | \$284.59 | 38\% | \$176.45 |
| BA/2 | building automation produc 2 " BAPI SS WELL | BA/2 | 1 | \$38.00 | 38\% | \$23.56 |
| BA/20K-SP | building automation produc 20 K STAINLESS Steel wall plate | BA/20K-SP | 1 | \$23.60 | 38\% | \$14.63 |
| BA/20--A-12-WP | BUILILING AUTOMATION PRODUC AVG TEMP SENSOR | BA/200-A-12-WP | 1 | \$194.00 | 38\% | \$120.28 |
| BA/20K-A-24-BB | BUILILING AUTOMATION PRODUC AVERAGING TEMP SENSOR - PROBE | BA/20-A--24-BB | 1 | \$232.00 | 38\% | \$143.84 |
| BA/20k-D-12-WP | BUILDING AUTOMATION PRODUC DUCT TEMP SENSOR | BA/20K-D-12-WP | 1 | \$47.00 | 38\% | \$29.14 |
| BA/20K-D-8-BB | BUILDING AUTOMATION PRODUC DUCT TEMP SENSOR | BA/20K-D-8-BB | 1 | \$47.00 | 38\% | \$29.14 |
| BA/20K-D-8-NB-10 | BUILDING AUTOMATION PRODUC DUCT TEMP SENSOR | BA/20K-D-8-NB-10 | 1 | \$35.00 | 38\% | \$21.70 |
| BA/20K-D-8-NB-5 | BUILDING AUTOMATION PRODUC TEMP SENSOR - DUCT | BA/20K-D-8-NB-5 | 1 | \$33.00 | 38\% | \$20.46 |
| BA/20K-I-4-EU | BUILDING AUTOMATION PRODUC TEMP SENSOR - IMMERSION | BA/20K-I-4-EU | 1 | \$49.00 | 38\% | \$30.38 |
| BA/20K-O-wp | BUILİING AUTOMATION PRODUC OUTDOOR TEMP SENSOR | BA/20k-o-wp | 1 | \$41.00 | 38\% | \$25.42 |
| BA/20K-R51L--Z-cG | BUILDING AUTOMATION PRODUC ROOM TEMP SENSOR | BA/20K-R5116-z-CG | 1 | \$33.00 | 38\% | \$20.46 |
| BA/20K-SP-O | BUILIING AUTOMATION PRODUC TEMP SENSOR - SS WALL PLATE | BA/20K-SP-O | 1 | \$36.24 | 38\% | \$22.47 |
| BA/20K-SP-02 | BUILLING AUTOMATION PRODUC WALL PLATE TEMPERATURE SENSOR | BA/20K-SP-02 | 1 | \$96.07 | 38\% | \$59.56 |
| BA/20K-SP-02-C-SEC1 | BUILILING AUTOMATION PRODUC TEMP SENSOR - SS Wall PLATE | BA/20K-SP-02-C-SEC1 | 1 | \$111.94 | 38\% | \$69.40 |
| BA/20K-SP-02-SEC1 | builiing automation produc temp sensor - ss wall plate | BA/20K-SP-02-SEC1 | 1 | \$96.07 | 38\% | \$59.56 |
| BA/20K-SP-SEC1 | BUILIING AUTOMATION PRODUC TEMP SENSOR - SS WALL PLATE | BA/20K-SP-SEC1 | 1 | \$26.13 | 38\% | \$16.20 |
| BA/2K-D-12-BB | BUILILING AUTOMATION PRODUC 2 K 12IN DUCT Probe bapi box | BA/2K-D-12-BB | 1 | \$52.92 | 38\% | \$32.81 |
| BA/2K-D-18-BB | BUILDING AUTOMATION PRODUC 2 K 18IN DUCT PROBE BAPI BOX | BA/2K-D-18-BB | 1 | \$52.92 | 38\% | \$32.81 |
| BA/2K-D-4-8B2 | BUILDING AUTOMATION PRODUC 2 K 4IN DUCT PROBE BAPI BOX2 | BA/2K-D-4-BB2 | 1 | \$52.92 | 38\% | \$32.81 |
| BA/2K-D-8-BB | BUILDING AUTOMATION PRODUC 2 K 8IN DUCT PROBE BAPI BOX | BA/2--D-8-BB | 1 | \$52.92 | 38\% | \$32.81 |
| BA/2K-R | BUILDING AUTOMATION PRODUC 2 K DELTA ENCL. | BA/2K-R | 1 | \$32.87 | 38\% | \$20.38 |
| BA/2K-SP | BuILDING AUTOMATION PRODUC 2 K STAINLESS STEEL WALL PLATE | BA/2k-SP | 1 | \$35.00 | 38\% | \$21.70 |
| BA/2K-I-8-WP | BUILDING AUTOMATION PRODUC TEMP SENSOR - IMMERSION | BA/2--I-8-WP | 1 | \$57.00 | 38\% | \$35.34 |
| BA/2-O-BB | BUILDING AUTOMATION PRODUC OUTDOOR TEMP SENSOR | BA/2K-O-BB | 1 | \$50.00 | 38\% | \$31.00 |
| BA/2--O-EU | BUILDING AUTOMATION PRODUC TEMP SENSOR - OUTDOOR | BA/ 2 K ---EU | 1 | \$50.00 | 38\% | \$31.00 |
| BA/2K-O-WP | BUILDING AUTOMATION PRODUC TEMP SENSOR - OUTDOOR | BA/2K-O-WP | 1 | \$50.00 | 38\% | \$31.00 |
| BA/2K-P-4.5-TFE | BUILDING AUTOMATION PRODUC REPLACEMENT PROBE | BA/2K-P-4.5-TFE | 1 | \$35.00 | 38\% | \$21.70 |
| BA/2-R227L6---BM5090-CG | BUILLING AUTOMATION PRODUC RM TEMP SENSOR W/SET PT AND Bi | BA/22-R272L6---BM5090-CG | 1 | \$117.00 | 38\% | \$72.54 |
| BA/2KR277L6ZBM5090CG | BUILILING AUTOMATION PRODUC ROOM TEMP SENSOR | BA/2KR27L6zBM5090CG | 1 | \$117.00 | 38\% | \$72.54 |
| BA/2-R-R27L6-z-CG | butlining automation produc room temp sensor | BA/2-R227L6--CG | 1 | \$43.00 | 38\% | \$26.66 |
| BA/2K-R27L6--z-DF | building automation produc 2 K DELTA ENCL SLIDER SETPOINT | BA/2K-R27L6---DF | 1 | \$40.45 | 38\% | \$25.08 |
| BA/2-RPFEP-18 | BUILDING AUTOMATION PRODUC PROBE TEMP SENSOR | BA/2-2-PPEEP-18 | 1 | \$36.24 | 38\% | \$22.47 |
| BA/2K-RPP-18 | BUILDING AUTOMATION PRODUC STRAP/ON REMOTE PROBE SNSR | BA/2K-RPP-18 | 1 | \$32.87 | 38\% | \$20.38 |
| BA/2--RSZ | BUILDING AUTOMATION PRODUC TEMP SENSOR - ROOM | BA/2K-RSZ | 1 | \$61.00 | 38\% | \$37.82 |
| BA/2M304 | BUILDING AUTOMATION PRODUC THERMOWELL 1 -PART 304SS 2. .IIN INSERTION 1/2IN | BA/2M304 | 1 | \$48.19 | 38\% | \$29.88 |
| BA/2M316 | BUILDING AUTOMATION PRODUC THERMOWELL 1 -PART 316SS 2.SII InSERTION 1/2IN | BA/2M316 | 1 | \$69.00 | 38\% | \$42.78 |
| BA/2MB | BUILDING AUTOMATION PRODUC THERMOWELL 1 -PART MB 2.5 II Insertion $1 / 2 \mathrm{IN}$ | BA/2MB | 1 | \$48.00 | 38\% | \$29.76 |
| BA/3k-R | building automation produc 3k delta encl | BA/3K-R | 1 | \$24.00 | 38\% | \$14.88 |
| BA/3K-D-8-EU | BUILDING AUTOMATION PRODUC DUCT TEMP SENSOR | BA/3K-D-8-EU | 1 | \$48.00 | 38\% | \$29.76 |
| BA/3K-I-4-EU | BUILDING AUTOMATION PRODUC IMMERSION TEMP SENSOR | BA/3K-1-4-EU | 1 | \$49.00 | 38\% | \$30.38 |
| BA/3-I-4-4EUO | BUILDING AUTOMATION PRODUC TEMP SENSOR - IMMERSION | BA/3K-I-4-EUO | 1 | \$49.00 | 38\% | \$30.38 |
| BA/3k-I-4-WP | BUILDING AUTOMATION PRODUC TEMP SENSOR - IMMERSION | BA/3k-I-4-WP | 1 | \$49.00 | 38\% | \$30.38 |
| BA/4 | BUILDING AUTOMATION PRODUC 4" BAPI SS WELL | BA/4 | 1 | \$77.85 | 38\% | \$23.47 |
| BA/4м304 | BUILDING AUTOMATION PRODUC THERMOWELL 1-PART 304SS 4.Sİ Insertion 1/2IN | BA/4M304 | 1 | \$65.57 | 38\% | \$40.65 |
| BA/4M316 | BuILDİIG Automation produc thermowell 1-PART 316SS 4.5IN Insertion 1/2IN | BA/4M316 | 1 | \$76.00 | 38\% | \$47.12 |
| BA/4MB | BUILDING AUTOMATION PRODUC THERMOWELL 1-PART MB 4.5IN INSERTION $1 / 2 \mathrm{IIN}$ | BA/4MB | 1 | \$32.87 | 38\% | \$20.38 |
| BA/592-10K-O-EU | BUILDING AUTOMATION PRODUC 592-10K OUTSİE AIR EU BOX | BA/592-10K-O-EU | 1 | \$50.00 | 38\% | \$31.00 |
| BA/592-10K-R | BUILDING AUTOMATION PRODUC DELTA STYLE ROOM UNIT | BA/592-10K-R | 1 | \$33.00 | 38\% | \$20.46 |

The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
. Itegrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mont HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor mentroled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain proocols (e.g. BACNe, LonTalk, Modbus, platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtub .
General Ductwork, Piping, etc. shall not be obtained on these contracts
Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not:
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
B. Audio-Video equi,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' 'ocation in the event of a fire or emergency.

| Wootel Number | wraturer | ct code | $\begin{gathered} \text { "Warranty Period - \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54 \text { " } \end{gathered}$ | Lsis Price | \% Discount | Nvs Nel Pice |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BA/592-R | BUILDING AUTOMATION PRODUC 592 DELTA ENCL | BA/592-R | 1 | \$35.00 | 38\% | \$21.70 |
| BA/592-10K-D-12 | BUILDING AUTOMATION PRODUC TEMP SENSOR | BA/592-10K-D-12 | 1 | \$42.14 | 38\% | \$26.13 |
| BA/592-10K-H300-O-EU | BUILDING AUTOMATION PRODUC AD592 SEMICONDUCTOR (W/10K SHUNT) 8 DUCT | BA/592-10K-H300-O-EU | 1 | \$337.00 | 38\% | \$208.94 |
| BA/592-10K-O-WP | BUILIING AUTOMATION PRODUC OUTDOOR TEMP SENSOR | BA/592-10K-O-WP | 1 | \$50.00 | 38\% | \$31.00 |
| BA/592-10K-P-8.25-TFE | BULLILING AUTOMATION PRODUC REPLACEMENT PROBES | BA/592-10K-P-8.25-TFE | 1 | \$35.00 | 38\% | \$21.70 |
| BA/8 | BUILIING AUTOMATION PRODUC 8 " BAPI SS WELL | BA/8 | 1 | \$47.00 | 38\% | \$29.14 |
| BA/8M304 | BULLLING AUTOMATION PRODUC THERMOWELL 1 -Part 304SS 7.5In insertion 1/2in | ва/8м304 | 1 | \$103.00 | 38\% | \$63.86 |
| BA/ADP-37-55-CDW | BUILDING AUTOMATION PRODUC ADAPTOR PLATE 3.75INX5.SIN CLOUD WHT | BA/ADP-37-55-CDW | 1 | \$34.00 | 38\% | \$21.08 |
| BA/ADP-37-55-OFW | BUILIING AUTOMATION PRODUC BACKPLATE -OFFFWHITE | BA/ADP-37-55-OFW | 1 | \$30.00 | 38\% | \$18.60 |
| BA/ADP-37-55-wMw-uk | BUILLING AUTOMATION PRODUC ADAPTOR PLATE 3.75INX5.5IN UK BEIGE | BA/ADP-37-55-WMW-UK | 1 | \$25.00 | 38\% | \$15.50 |
| BA/ADP5257CPW | BUILIING AUTOMATION PRODUC ROOM SENSOR ADAPTER PLATE | BA/ADP525CPW | 1 | \$35.00 | 38\% | \$21.70 |
| BA/ADP-53-53-OFW | BUILDING AUTOMATION PRODUC ADAPTOR PLATE 5.3IINX5.3IN OFF WHT | BA/ADP-53-53-OFW | 1 | \$25.00 | 38\% | \$15.50 |
| BA/ADP-53-53-wMW | BUILIIING AUTOMATION PRODUC ADAPTOR PLATE 5.3IINX5.3IIN BEIGE | BA/ADP-53-53-WMw | 1 | \$25.00 | 38\% | \$15.50 |
| BA/BA/10K-3-LP-15 | building automation produc Low profile temp sensor | BA/BA/ $10 \mathrm{~K}-3$-LP-15 | 1 | \$43.00 | 38\% | \$26.66 |
| BA/BS-F2-3C-103 | BUILDING AUTOMATION PRODUC BAP--STAT ROOM UNIT W/HUMIDTTY | BA/BSF2-3C-103 | 1 | \$433.00 | 38\% | \$268.46 |
| BA/BS2MC-EE60N24102DFCPWBCCF | BUILDING AUTOMATION PRODUC BAPI-STAT BS2M, STYLE BC COMFORT, PUSHBUTTONS | BA/BS2MC-EE60N24102DFCPWBCCF | 1 | \$173.00 | 38\% | \$107.26 |
| BA/BS2MC-EE60-N-24-102-DF | BUILIIING AUTOMATION PRODUC ENCLOSURE: BAPI-STAT STYLE ROO | BA/BS2MC-EE60-N-24-102-DF | 1 | \$170.00 | 38\% | \$105.40 |
| BA/BS2MF-C10-Z-24-20-CG | BUILILING AUTOMATION PRODUC TEMP SENSOR - ROOM | BA/BS2MF-C10--24-20-CG | 1 | \$167.00 | 38\% | \$103.54 |
| BA/BS2MF-DDO-N-24-10311TB-CG | BUILILING AUTOMATION PRODUC TEMP SENSOR - ROOM | BA/BS2MF-D00-N-24-10311TB-CG | 1 | \$170.00 | 38\% | \$105.40 |
| BA/BS2MF-D02-N-24-10311-CG | BUILDING AUTOMATION PRODUC ROOM TEMP SENSOR | BA/BS2MF-DD2-N-24-10311-CG | 1 | \$167.00 | 38\% | \$103.54 |
| BA/BS2MF-D04-N-24-10311-CG | BUILDING AUTOMATION PRODUC STAT II UNIT W/DISPLAY | BA/BS2MF-D04-N-24-10311-CG | 1 | \$167.00 | 38\% | \$103.54 |
| BA/BS2MF-D10-J-24-103-CG | BUILDING AUTOMATION PRODUC ROOM TEMP SENSOR | BA/BS2MF-D10--24-103-CG | 1 | \$173.00 | 38\% | \$107.26 |
| BA/BS2MF-D41---24-20-CG | BUILIING AUTOMATION PRODUC TEMP SENSOR - ROOM | BA/BS2MF-D41---24-20-CG | 1 | \$167.00 | 38\% | \$103.54 |
| BA/BS2MF-F10--24-1-CG | BUILILING AUTOMATION PRODUC BAPI-STAT 2 TEMP SENSOR | BA/BS2MF-F10-Z-24-1-CG | 1 | \$170.00 | 38\% | \$105.40 |
| BA/BS2MF--25--2-24-1-CG | BUILILING AUTOMATION PRODUC BAPI-STAT 2 Unit temp Sensor | BA/BS2MF--25-z-24-1-CG | 1 | \$167.00 | 38\% | \$103.54 |
| BA/BSC-OH | BUILIING AUTOMATION PRODUC TEMP SENSOR | BA/BSC-OH | 1 | \$399.00 | 38\% | \$247.38 |
| BA/BSF-1C-13C | BUILDING AUTOMATION PRODUC BAPISTAT 10K-2 $2 \mathrm{CH} / 3$ BTT/GRY | BA/BSF-1C-13C | 1 | \$392.00 | 38\% | \$243.04 |
| BA/BSF-3D-10311 | BUILDING AUTOMATION PRODUC ROOM TEMP SENSOR | BA/BSF-3D-10311 | 1 | \$348.00 | 38\% | \$215.76 |
| BA/CERT-TEMP-SPECIIIC | BUILDING AUTOMATION PRODUC TEMP CAL CERT | BA/CERT-TEMP-SPECIFIC | 1 | \$210.00 | 38\% | \$130.20 |
| BA/FOAMBACK-ROOM | BUILDING AUTOMATION PRODUC FOAMBACK ROOM | BA/FOAMBACK-ROOM | 1 | \$1.57 | 38\% | \$0.97 |
| BA/FPB-100 | BUILDING AUTOMATION PRODUC CAPILLARY CLIP 100 PACK | BA/FPB-100 | 1 | \$504.00 | 38\% | \$312.48 |
| BA/FPB-50 | BUILIING AUTOMATION PRODUC CAPILIARY CLIP 50 PACK | BA/FPB-50 | 1 | \$256.00 | 38\% | \$158.72 |
| BA/H210-D-EU | BUILDING AUTOMATION PRODUC DUCT HUM TRANS | BA/H210-D-EU | 1 | \$337.00 | 38\% | \$208.94 |
| BA/KEY16187 | BUILLING AUTOMATION PRODUC REPLACEMENT KEY | BA/KEY16187 | 1 | \$8.77 | 38\% | \$5.44 |
| BA/LCH2-RSOD | BUILDING AUTOMATION PRODUC $2 \%$ LON COMBO ROOM UNIT W/SETPT, OVR \& DSPL | BA/LCH2-RSOD | 1 | \$507.00 | 38\% | \$314.34 |
| BA/LC-R | BUILDING AUTOMATION PRODUC LON DELTA ENCL | BA/LC-R | 1 | \$314.00 | 38\% | \$194.68 |
| BA/LC-RSD | BUILDING AUTOMATION PRODUC LON DELTA ENCL SETPOINT DISPLAY | BA/L-RSD | 1 | \$357.00 | 38\% | \$221.34 |
| BA/LC-RSOD | building automation produc lon delta encl setpoint w/ o/r display | BA/LC-RSOD | 1 | \$358.00 | 38\% | \$221.96 |
| BA/L-RD | BUILIING AUTOMATION PRODUC ROOM TEMP SENSOR | BA/LC-RD | 1 | \$360.00 | 38\% | \$223.20 |
| BA/LC-R-EXT-5 | BUILIIING AUTOMATION PRODUC LON TEMP SENSOR - ROOM | BA/LC-R-EXT-5 | 1 | \$397.00 | 38\% | \$246.14 |
| BA/LC-ROD | BUILLING AUTOMATION PRODUC LON TEMP SENSOR - ROOM | BA/LC-ROD | 1 | \$357.00 | 38\% | \$221.34 |
| BA/RUPC-J-5-103-NL-CG | BUILDING AUTOMATION PRODUC ROOM TEMP SENSOR | BA/RUPC--5-5-103-NL-CG | 1 | \$167.00 | 38\% | \$103.54 |
| BA/RUPDF-D84-5-3-CG-SWC | BUILDING AUTOMATION PRODUC TEMP SENSOR - ROOM | BA/RUPDF-D84-5-3-CG-SWC | 1 | \$167.00 | 38\% | \$103.54 |
| BA/RUPDF-E60-5-102-DF-SWC | BUILDING AUTOMATION PRODUC ROOM TEMP SENSOR | BA/RUPDF-E60-5-102-DF-SWC | 1 | \$167.00 | 38\% | \$103.54 |
| BA/RUPDF-E60-5-1-CG-DWCC | BUILIING AUTOMATION PRODUC TEMP SENSOR - ROOM | BARUPDF-E60-5-1-CG-DWCC | 1 | \$195.00 | 38\% | \$120.90 |
| BA/RUPDF-E61-5-1-CG-SWC | BUILDING AUTOMATION PRODUC ROOM TEMP SENSOR | BA/RUPDF-E61-5-1-CG-SWC | 1 | \$167.00 | 38\% | \$103.54 |
| BA/RUPF-B00-N-24-103-NL-CG | BUILILING AUTOMATİN PRODUC RUP ROOM UNIT TEMP SENSOR | BA/RUPF-B00-N-24-103-NL-CG | 1 | \$170.00 | 38\% | \$105.40 |
| BA/RUPF-C00NC11LT2410311NLCG | BUILILING AUTOMATION PRODUC RUP ROOM UNIT TEMP SENSOR | BA/RUPF-COONC11LT2410311NLCG | 1 | \$193.00 | 38\% | \$119.66 |
| BA/RUPF-C80-224-103-NL-CG | builiding automation produc rup room unit temp sensor | BA/RUPF-C80--224-103-NL-CG | 1 | \$167.00 | 38\% | \$103.54 |
| BA/RUPF-DOO-N-24-10311-NL-CG | BUILDING AUTOMATION PRODUC ROOM TEMP SENSOR | BA/RUPF-D00-N-24-10311-NL-CG | 1 | \$167.00 | 38\% | \$103.54 |
| BA/RUPF-D00-N-5-10311-NL-CG | BUILLING AUTOMATION PRODUC ROOM TEMP SENSOR | BA/RUPF-DOO-N-5-10311-NL-CG | 1 | \$164.00 | 38\% | \$101.68 |
| BA/RUPF-D00--5-5-10311-CG | BUILILING AUTOMATION PRODUC ROOM TEMP SENSOR | BA/RUPF-DD0--z-5-10311-CG | 1 | \$167.00 | 38\% | \$103.54 |
| BA/RUPF-DO2---24-10311-NL-CG | BUILDING AUTOMATION PRODUC ROOM TEMP SENSOR | BA/RUPF-DD2--2-24-10311-NL-CG | 1 | \$167.00 | 38\% | \$103.54 |
| BA/RUPF-D04-N-5-10311-NL-CG | BUILIING AUTOMATION PRODUC ROOM UNIT TEMP SENSOR | BA/RUPF-D04-N-5-10311-NL-CG | 1 | \$167.00 | 38\% | \$103.54 |
| BA/RUPF-D80-Z-24-103-NL-CG | BUILILING AUTOMATION PRODUC TEMP SENSOR - ROOM | BA/RUPF-D80-Z-24-103-NL-CG | 1 | \$167.00 | 38\% | \$103.54 |
| BA/RUPF-E60-P-24-10311-NL-CG | building automation produc temp sensor - room | BA/RUPF-E60-P-24-10311-NL-CG | 1 | \$167.00 | 38\% | \$103.54 |
| BA/RUPF-E60-P-C11L-24-103-NLCG | BUILDING AUTOMATION PRODUC RUP ROOM UNIT | BA/RUPF-E60-P-C11-24-103-NLCG | 1 | \$190.00 | 38\% | \$117.80 |
| BA/RUPF--F00-Z-24-103-NL-CG | BUILLING AUTOMATION PRODUC TEMPERATURE SENSOR | BA/RUPF-F00-Z-24-103-NL-CG | 1 | \$167.00 | 38\% | \$103.54 |
| BA/RUPF---24-NL-CG | BUILIIING AUTOMATION PRODUC RUP TEMP SENSOR | BA/RUPF---24-NL-CG | 1 | \$170.00 | 38\% | \$105.40 |
| BA/RUPF---5-NL-CG | BUILILING AUTOMATION PRODUC ROOM TEMP SENSOR | BA/RUPF---5-NL-CG | 1 | \$170.00 | 38\% | \$105.40 |
| BA/RUPMF-102-C20-N-24 | BUILILING AUTOMATION PRODUC RUPM ROOM UNIT | BA/RUPMF-102-C20-N-24 | 1 | \$164.00 | 38\% | \$101.68 |
| BA/RUPMF-102-C20--24 | BUILDING AUTOMATION PRODUC RUPM ROOM UNIT | BA/RUPMF-102-C20-z-24 | 1 | \$164.00 | 38\% | \$101.68 |
| BA/RUPMF-102-D63-N-24 | BUILDING AUTOMATION PRODUC TEMP SENSOR - ROOM | BA/RUPMF-102-D63-N-24 | 1 | \$167.00 | 38\% | \$103.54 |
| BA/RUPMF-102-E81-XLD-N-24 | BUILILING AUTOMATION PRODUC TEMP SENSOR - ROOM | BARUUPMF-102-E81-XLD-N-24 | 1 | \$167.00 | 38\% | \$103.54 |
| BA/RUPMF-102-F00-Z-24-ES | BUILDING AUTOMATION PRODUC TEMPERATURE SENSOR WITH EXTERN | BA/RUPMF-102-F00--24-ES | 1 | \$164.00 | 38\% | \$101.68 |
| BA/RUPSF-00-N-24-10311-CG | BUILDING AUTOMATION PRODUC ROOM TEMP SENSOR | BA/RUPSF-00-N-24-10311-CG | 1 | \$167.00 | 38\% | \$103.54 |
| BA/RUPFF-C00--24-103-CG | BUILDING AUTOMATION PRODUC ROOM TEMP SENSOR | BA/RUPSF-C00-Z-24-103-CG | 1 | \$167.00 | 38\% | \$103.54 |
| BA/RUPSF-D46-N-24-102 | BUILIING AUTOMATION PRODUC RUPS ROOM UNIT TEMP SENSOR | BA/RUPSF-D46-N-24-102 | 1 | \$167.00 | 38\% | \$103.54 |
| BA/RUPSF-D65--24-20-CG | BUILDING AUTOMATION PRODUC TEMP SENSOR - ROOM | BA/RUPSF-D65--24-20-CG | 1 | \$167.00 | 38\% | \$103.54 |
| BA/SP632X1 | BUILDING AUTOMATION PRODUC SPANNER SECURITY SCREWS | BA/SP632X1 | 1 | \$68.00 | 38\% | \$42.16 |
| BA/SPBIT | building automation produc spanner bit for part sp632x1 | BA/SPBiT | 1 | \$10.74 | 38\% | \$6.66 |
| BA/SP-02 | BUILDING AUTOMATION PRODUC OVERRIDE PUSHBUTTON SS PLATE | BA/SP-02 | 1 | \$78.00 | 38\% | \$48.36 |
| BA/T11-20-140F-R | BUILDING AUTOMATION PRODUC T1K 4-20MA DELTA ENCL | BA/T1K-20-140-R | 1 | \$140.00 | 38\% | \$86.80 |
| BA/T1K-32-212F-S | BUILDING AUTOMATION PRODUC TIK 4-20MA CLAMP ON STRAP J-BOX | BA/T1K-32-212-S | 1 | \$88.00 | 38\% | \$116.56 |
| BA/T11-40-140F-R | BUILLING AUTOMATION PRODUC T1K 4-2OMA DELTA ENCL | BA/T1K-40-140-R | 1 | \$140.00 | 38\% | \$86.80 |
| BA/T1K-40-90F-R | BUILDING AUTOMATION PRODUC T1K 4-2OMA DELTA ENCL | BA/T1K-40-90F-R | 1 | \$140.00 | 38\% | \$86.80 |
| BA/T11-50-90F-R | BUILDING AUTOMATION PRODUC T1K 4-20MA DELTA ENCL | BA/T1K-50-90F-R | 1 | \$140.00 | 38\% | \$86.80 |
| BA/T1K-60-OC-XOR | BUILDING AUTOMATION PRODUC 4-20MA TRANSMITTER STEEL PLATE | BA/T1K-60-OC-XOR | 1 | \$140.00 | 38\% | \$86.80 |
| BA/TS2 | building automation produc transient suppressor | BA/TS2 | 1 | \$9.86 | 38\% | \$6.11 |
| BA/VC3000B-HW | BUILDING AUTOMATION PRODUC VOLTAGE CONVERTER | BA/VC3000-Hw | 1 | \$157.00 | 38\% | \$97.34 |
| BA/1.8k-A12-BB | building Automation produc 12 FLX AVG. DUCT THERM 1.8 K , W/BB | BA/1.8K-A12-BB | 1 | \$201.89 | 38\% | \$125.17 |
| BA/1.8k-A24-BB | BUILILING AUTOMATION PRODUC 24 FLX AVG. DUCT THERM 1.8 K , W/BB | BA/1.8K-A24-BB | 1 | \$237.72 | 38\% | \$147.39 |
| BA/ 1.8 k - A - BB | BULLIING AUTOMATION PRODUC 8 FLX AVG. DUCT THERM 1.8K, W/BB | BA/ 1.8 SK - 8 - -BB | 1 | \$193.61 | 38\% | \$120.04 |
| BA/1.8K-D8-BB | BUILDING AUTOMATION PRODUC 8 DUCT THERM 1.8k, w/BB | BA/ 1.8 K -D8-BB | 1 | \$43.41 | 38\% | \$26.91 |
| BA/1.8K-12-BB | BUILDING AUTOMATION PRODUC 2 IMMRSN THERM 1.8 K , W/BB | BA/1.88-12-BB | 1 | \$44.61 | 38\% | \$27.66 |
| BA/1.8K-I4-BB | BUILDING AUTOMATION PRODUC 4 IMMRSN THERM 1.8 K , W/BB | BA/1.86--4 -BB | 1 | \$44.61 | 38\% | \$27.66 |
| BA/1.8k-RA2-BB | BuILDING AUTOMATION PRODUC 24 RIDGED AVG. DUCT THERM 1.8 KK , W/BB | BA/1.8K-RA2-BB | 1 | \$218.40 | 38\% | \$135.41 |
| BA/1.8k-RA4-BB | BUILDING AUTOMATION PRODUC 48 RIDGED AVG. DUCT THERM 1.8 Kk , W/BB | BA/1.8K-RA4-Bb | 1 | \$318.60 | 38\% | \$197.53 |
| BA/1.8K-TB-M $304-1-\mathrm{NB}$ | BUILLING AUTOMATION PRODUC 1.8K 1IN M304 BUFFER FEP 30IN NB | BA/ 1.8 SK -TB-M304-1-NB | 1 | \$123.18 | 38\% | \$76.37 |
| BA/100-A12-BB | BUILDING AUTOMATION PRODUC 12 FLX AVG. DUCT RTD $100, \mathrm{~W} / \mathrm{BB}$ | BA/100-A12-BB | 1 | \$219.06 | 38\% | \$135.82 |
| BA/100-A24-BB | BUILDING AUTOMATION PRODUC 24 FLX AVG. DUCT RTD 100, W/BB | BA/ $100-\mathrm{A} 24-\mathrm{BB}$ | 1 | \$254.61 | 38\% | \$157.86 |
| BA/100-A8-BB | BUILDING AUTOMATION PRODUC 8 FLX AVG. DUCT RTD 100, W/BB | BA/100-A8-BB | 1 | \$166.97 | 38\% | \$103.52 |
| BA/ $100-\mathrm{D} 8$-BB | BUILLING AUTOMATION PRODUC 8 DUCT RTD 100, W/BB | BA/100-D8-BB | 1 | \$52.92 | 38\% | \$32.81 |
| BA/100K-A12-BB | BUILDING AUTOMATION PRODUC 12 FLX AVG. DUCT THERM 100K, W/BB | BA/100K-A12-BB | 1 | \$201.89 | 38\% | \$125.17 |
| BA/100\%-A24-BB | BUILDING AUTOMATION PRODUC 24 FLX AVG. DUCT THERM 100\%, w/bB | BA/100K-A24-BB | 1 | \$237.72 | 38\% | \$147.39 |
| BA/100k-A8-BB | BUILIING AUTOMATION PRODUC 8 FLX AVG. DUCT THERM 100K, W/BB | BA/100K-A8-BB | 1 | \$193.61 | 38\% | \$120.04 |
| BA/100K-D8-BB | BUILDING AUTOMATION PRODUC 8 DUCT THERM 100K, w/BB | BA/100K-D8-BB | 1 | \$43.41 | 38\% | \$26.91 |
| BA/100k-I2-BB | BUILDING AUTOMATION PRODUC 2 IMMRSN THERM 1000, W/BB | BA/100k-12-BB | 1 | \$44.61 | 38\% | \$27.66 |
| BA/100K-I4-BB | BUILDING AUTOMATION PRODUC 4 IMMRSN THERM 100 K , W/BB | BA/100k-I4-BB | 1 | \$44.61 | 38\% | \$27.66 |
| BA/100K-RA2-BB | BUILDING AUTOMATION PRODUC 24 RIDGED AVG. DUCT THERM 100k, w/BB | BA/100K-RA2-BB | 1 | \$218.40 | 38\% | \$135.41 |
| BA/100K-RA4-BB | BUILDING AUTOMATION PRODUC 48 RIDGED AVG. DUCT THERM 100K, w/BB | BA/100K-RA4-BB | 1 | \$374.48 | 38\% | \$232.18 |
| BA/ $1100-\mathrm{PA} 12$-BB | BUILDING AUTOMATION PRODUC 12 RIDGED AVG. DUCT RTD $100, \mathrm{w} / \mathrm{BB}$ | BA/100-RA12-BB | 1 | \$222.31 | 38\% | \$137.83 |
| BA/100-RA2-BB | BUILDING AUTOMATION PRODUC 24 RIDGED AVG. DUCT RTD 100, $\mathrm{W} / \mathrm{BB}$ | BA/100-RA2-BB | 1 | \$228.59 | 38\% | \$141.73 |
| BA/ $100-\mathrm{RA} 4-\mathrm{BB}$ | BUILDING AUTOMATION PRODUC 48 RIDGED AVG. DUCT RTD 100, W/BB | BA/100-RA4-BB | 1 | \$335.59 | 38\% | \$208.07 |
| BA/10K2-A12-BB | BUILDING AUTOMATION PRODUC 12 FLX AVG. DUCT THERM 10 K 2 , W/BB | BA/10K2-A12-BB |  | \$191.32 | 38\% | \$118.62 |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mouted [Istalledl) Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor antrolled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain hocols (e.g. BAC , LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) II certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approyed sub b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtub .

Chilers, Rooftop Units boilers air handlers, fan coil, unit ventibtor, $h$ e
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
B. Audio-Video equil

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
A. To communicate fire or health and individual(s)' location in the event of a fire or emergency.

|  |  |  | arranty Period - \# of year(s) after ptance as required by Appendix B |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Lsit pris | \% Discoum | wvs |
| BA/10K2-A24-BB | BUILDING AUTOMATION PRODUC 24 FLX AVG. DUCT THERM 10 K 2 , $\mathrm{w} / \mathrm{BB}$ | BA/10K2-A24-BB | 1 | \$229.39 | 38\% | \$142.22 |
| BA/10\%2-A24-JB | BUILDING AUTOMATION PRODUC 24 FLEX AVG DUCT THERM 10 K -II | BA/10К2-A24-JB | 1 | \$201.36 | 38\% | \$124.84 |
| BA/10К2-A8-JB | BUILIING AUTOMATION PRODUC 8 FLEX AVG DUCT THERM 10 K -II | BA/102--A8-JB | 1 | \$157.97 | 38\% | \$97.94 |
| BA/10К2-B | BUILDING AUTOMATION PRODUC BAPISTAT RM THERM 10-II | BA/10K2-B | 1 | \$23.60 | 38\% | \$14.63 |
| BA/10K2-D8-JB | BUILDING AUTOMATION PRODUC 8 DUCT THERM 10--II | BA/10K2-D8-JB | 1 | \$30.81 | 38\% | \$19.10 |
| BA/10K2-O-WP | BUILDING AUTOMATION PRODUC OSA THERM 10K-II WEATHER PROOF | BA/10K2-O-wP | 1 | \$38.77 | 38\% | \$24.04 |
| BA/10K2-R | BUILDING AUTOMATION PRODUC DELTA RM THERM 10 --II | BA/10K2-R | 1 | \$23.60 | 38\% | \$14.63 |
| BA/10K2-R-40L2 | BUILIING AUTOMATION PRODUC DELTA RM THERM 10--IISP1K-5585 | BA/10K2-R-40L2 | 1 | \$36.74 | 38\% | \$22.78 |
| BA/10-2-R41L--N-BM5090-CG | BUILDING AUTOMATION PRODUC 10 K -2 delta Encl sli setpoint w/ O/R Bimetal indic | BA/10K-2-R41L6-N-BM5090-CG | 1 | \$118.95 | 38\% | \$73.75 |
| BA/10K-2-R80L6-J--8M5090-DF | building automation produc 10 K -2 delta encl sli setpoint w/ o/r bimetal indic | BA/10K-2-R80L6-J-BM5090-DF | 1 | \$118.95 | 38\% | \$73.75 |
| BA/10K-2-R8316-P-BM5090-CG | building automation produc 10 K -2 delta encl sli setpoint w/ O/r bimetal indic | BA/10K-2-R83L6-P-BM $5090-\mathrm{CG}$ | 1 | \$118.95 | 38\% | \$73.75 |
| BA/10K-2-R83L-P-P-C35-CG | Building Automation produc 10 K -2 delta encl. SLIDE Setpoint $\mathrm{W} / \mathrm{O} / \mathrm{R}$ | BA/10K-2-R83L6-P-C35-CG | 1 | \$46.35 | 38\% | \$28.74 |
| BA/10K2-R-84L2 | BUILDING AUTOMATION PRODUC DELTA RM THERM 10-IISP20-5585 | BA/10K2-R-84L2 | 1 | \$32.00 | 38\% | \$19.84 |
| BA/1002-R-84LL-N | BUILDING AUTOMATION PRODUC DELTA RM THERM 10--IISP20-WCOVRDSEN | BA/10K2-R-84LL-N | 1 | \$39.00 | 38\% | \$24.18 |
| BA/10K2-RA12-BB | BUILDING AUTOMATION PRODUC 12 RIDGED AVG. DUCT THERM 10 K 2 , W/BB | BA/10K2-RA12-BB | 1 | \$212.40 | 38\% | \$131.69 |
| BA/10K2-RA2-BB | BUILDING AUTOMATION PRODUC 24 RIDGED AVG. DUCT THERM 10 K 2 , W/BB | BA/10K2-RA2-BB | 1 | \$218.40 | 38\% | \$135.41 |
| BA/10K2-SP | bUILILING AUTOMATION PRODUC FLUSH SS PLATE RM THERM 10 K -II | BA/10K2-SP | 1 | \$23.60 | 38\% | \$14.63 |
| BA/10K2-STP-JB | building Automation produc Spring ext strap on pipe therm 10k2 | BA/10К2-STP-JB | 1 | \$55.62 | 38\% | \$34.48 |
| BA/10-2--тв-М304-1-BB | BUILDING AUTOMATION PRODUC 10k--I--1iN-SS-BBO W/ M 304 BuFFER | BA/10К-2-TB-M304-1-вB | 1 | \$134.00 | 38\% | \$83.08 |
| BA/10-3-3-11K-A-24-BB2 | builiding automation produc 10K-3-11K 4FT RIGID Averaging probe bapi boxa | BA/10K-3-11-A-24-BB2 | 1 | \$219.36 | 38\% | \$136.00 |
| BA/10K-3-111-A-8-BB-TS | BUILDING AUTOMATION PRODUC 10 K -311K 8FT AVERAGING PROBE BAPI BOX TERMI SCREWS | BA $/ 10 \mathrm{~K}-3-11 \mathrm{~K}-\mathrm{A}-8-\mathrm{BB}-\mathrm{TS}$ | 1 | \$181.71 | 38\% | \$112.66 |
| BA/ 10 K-3-11K-D-12-BB2 | builling automation produc 10k-311K 12IN DUCT PROBE BAPI BOX2 | BA/10K-3-11K-D-12-BB2 | 1 | \$45.03 | 38\% | \$27.92 |
| BA/ $10 \mathrm{~K}-3-11 \mathrm{~K}-\mathrm{D}-12-\mathrm{NB}-10$ | building automation produc 10k-311K 12IN duct probe no box 10Ft leads | BA/10K-3-111--D-12-NB-10 | 1 | \$33.19 | 38\% | \$20.58 |
| BA/10K-3-111-D-12-NB-5 | building automation produc 10-311/ 12IN DUCT Probe no box 5f Leads | BA/ 10 -3-111K-D-12-NB-5 | 1 | \$30.81 | 38\% | \$19.10 |
| BA/10K-3-111--D-4-NB-10 | building automation produc 10k-311K 4in duct probe no box 10FT Leads | BA/ $10 \mathrm{~K}-3-11 \mathrm{~K}$-D-4-4-N-10 | 1 | \$33.19 | 38\% | \$20.58 |
| BA/10K-3-111-D--4-NB-15 | building automation produc 10k-311K 4in duct probe no box 15FT Leads | BA/10א-3-11K-D-4-NB-15 | 1 | \$36.34 | 38\% | \$22.53 |
| BA/10K-3-111-D-4-4B-18 | building automation produc 10k-311K 4in duct probe no box 18in Leads | BA/ 10 --3-11K-D-4-NB-18 | 1 | \$28.44 | 38\% | \$17.63 |
| BA/10K-3-111-D-8-NB-10 | BUILDING AUTOMATION PRODUC 10 K -311K KIN DUCT PROBE NO BOX 10FT LEADS | BA/ $10 \mathrm{~K}-3-11 \mathrm{~K}$-D-8-NB-10 | 1 | \$33.19 | 38\% | \$20.58 |
| BA/10K-3-111-D-8-NB-15 | BUILDING AUTOMATION PRODUC 10 K -311K KIN DUCT PROBE NO BOX 15FT LEADS | BA/ $10 \mathrm{~K}-3-11 \mathrm{~K}$-D-8-NB-15 | 1 | \$36.34 | 38\% | \$22.53 |
| BA/10K-3-111-D-8--NB-18 | BUILLING AUTOMATION PRODUC 10 K -311K 8IN DUCT PROBE No BOX 18 IIN LeADS | BA/ $10 \mathrm{~K}-3-11 \mathrm{~K}$-D-8-N-18 | 1 | \$27.66 | 38\% | \$17.15 |
| BA/ 10 -3-111-I--4-5S-BB | building automation produc 10-311K 4in stainless steel imm. Probe bapi box | BA/ $10 \mathrm{~K}-3-11 \mathrm{~K}-\mathrm{I}-4$ SS-BB | 1 | \$92.70 | 38\% | \$57.47 |
| BA/10K-3-11K-STP-BB2 | building automation produc 10k-311K Strap on bapi box2 | BA/10K-3-11K-STP-BB2 | 1 | \$65.74 | 38\% | \$40.76 |
| BA/10K-3-11K-TB-MAL-2-NB | BUILDING AUTOMATION PRODUC 10k-311K 2IN ALUMINUM BUFFER No box | BA/10K-3-11K-TB-MAL-2-NB | 1 | \$214.38 | 38\% | \$132.92 |
| BA/10K-3-111-TB-M $304-1-\mathrm{HB}$ | building automation produc 10K-311K 1iN M 304 BUFFER HANGING BRACKET | BA/ $10 \mathrm{~K}-3$-11K-TB-M $304-1$-HB | 1 | \$131.97 | 38\% | \$81.82 |
| BA/10K-3-111-TB-M304-1-NB | BUILDING AUTOMATION PRODUC 10k-311K 1iN M304 BUFFER No BOX | BA/ $10 \mathrm{~K}-3 \mathrm{-11K}$-TB-M $304-1$-NB | 1 | \$123.18 | 38\% | \$76.37 |
| вА/10К-3-111-тв-М304-2-HB | builling automation produc 10k-311K 2in M 304 BuFfer hanging bracket | BA/10К-3-11К-ТВ-М304-2-НВ | 1 | \$269.68 | 38\% | \$167.20 |
| BA/10K-3-111-TB-M $3042-$-NB | BUILDING AUTOMATION PRODUC 10K-311K 2IN M304 BUFFER NO BOX | BA/ $10 \mathrm{~K}-3 \mathrm{-11K}$-TB-M $304-2-\mathrm{NB}$ | 1 | \$260.99 | 38\% | \$161.81 |
| BA/10K-3-111-R80L3JC35BM50900F | building automation produc 10K-311K delta style sl setpoint o/r bimetal ind | BA/10K-3-11--880L3JC35BM50900F | 1 | \$128.31 | 38\% | \$79.55 |
| BA/10K-3-111-RPEEP2-10-BB | building Automation produc 10k-311K Remote probe 10FT fepr Leads bapi box | BA/10א-3-111-RPFEP2-10-BB | 1 | \$80.19 | 38\% | \$49.72 |
| BA/10K-3-11--RPFEP2-175 | Building Automation Produc 10k-311\% REMOTE Probe175FT Fepr Leads | BA/10K-3-11K-RPFEP2-175 | 1 | \$319.88 | 38\% | \$198.33 |
| BA/10К-3111--TB-M304-2-HB-NB-10 |  | BA/10K-3111-TB-M304-2-HB-NB-10 | 1 | \$294.00 | 38\% | \$182.28 |
| BA/ 10 --3-11K-TB-M304-1-HB-10 | Building automation produc 10k-311K 1in M 304 BUFFER HANGING BRAC 10FT LeADS | BA/10К-3-11K-TB-M304-1-HB-10 | 1 | \$138.26 | 38\% | \$85.72 |
| BA/10K-3-11K-TB-М304-2-BB2 | builling automation produc 10k-311K 2in M 304 BUFFER BAPI BOX2 | BA/10К-3-11K-דв-M304-2-BB2 | 1 | \$274.18 | 38\% | \$169.99 |
| BA/10K-3-11K-TB-MAL-2-HB-10 | building automation produc 10K-311K 2in alum buffer hanging bracketiort leads | BA/10K-3-11K-TB-MAL-2-HB-10 | 1 | \$324.43 | 38\% | \$201.15 |
| BA/10K-3-11K-TB-MAL-4-HB-10 | building automation produc 10k-311K Sİ alum buffer hanging bracketioft leads | BA/ $10 \mathrm{~K}-3-11 \mathrm{~K}$-TB-MAL-4-HB-10 | 1 | \$238.67 | 38\% | \$147.98 |
| BA/10К3-224-BB | BUILDING AUTOMATION PRODUC 24 FLX AVG. DUCT THERM 10 K 3 , W/BB | BA/10К3-А24-BB | 1 | \$237.72 | 38\% | \$147.39 |
| вА/10К3-А24-Jв | BUILIING AUTOMATION PRODUC 24 FLEX AVG DUCT THERM 10 K -III | ВА/10к3-А24-১в | 1 | \$201.36 | 38\% | \$124.84 |
| BA/10К3-А8-১B | BUILDING AUTOMATION PRODUC 8 FLEX AVG DUCT THERM 10 K -III | BA/10K3-A8-JB | 1 | \$157.97 | 38\% | \$97.94 |
| BA/10К3-в | BUILDING AUTOMATION PRODUC BAPISTAT RM THERM 10 K -III | BA/10K3-B | 1 | \$23.60 | 38\% | \$14.63 |
| BA/10K-3-B4-z-CG-wMw | building automation produc 10k-3 bs4 encl no Setpoint no o/r warm white | BA/10א-3-B4-Z-CG-wMw | 1 | \$25.00 | 38\% | \$15.50 |
| BA/10K-3-D-18-BB-TS | BUILDING AUTOMATION PRODUC $10 \mathrm{~K}-3$ 18IN DUCT PROBE BAPI BOX TERMINAL SCREWS | BA/ $10 \mathrm{~K}-3-\mathrm{D}-18$-BB-TS | 1 | \$45.85 | 38\% | \$28.43 |
| BA/10K-3-D-8-BB-TS | building automation produc 10k-3 8in duct probe bapi box terminal screws | BA/ $10 \mathrm{~K}-3 \mathrm{BD}-8-\mathrm{BB}$-TS | 1 | \$45.81 | 38\% | \$28.40 |
| вА/10к3-D8-১в | BUILIIING AUTOMATION PRODUC 8 dUCT THERM 10K-III | BA/10K3-D8--18 | 1 | \$30.81 | 38\% | \$19.10 |
| BA/10K3-D8-NB18 | builling automation produc 8 dUCT THERM 10--III No box | BA/10K3-D8-NB18 | 1 | \$28.23 | 38\% | \$17.50 |
| BA/10K3---WP | BUILDING AUTOMATION PRODUC OSA THERM 10 K -III | BA/10K3-0-wP | 1 | \$38.77 | 38\% | \$24.04 |
| BA/10k-3-PP-18 | building Automation produc 10k-3 Remote sensor 18in leads | BA/10א-3-PP-18 | 1 | \$24.00 | 38\% | \$14.88 |
| BA/10K3-R | BUILDING AUTOMATION PRODUC DELTA RM THERM 10 K -III | BA/10K3-R | 1 | \$23.60 | 38\% | \$14.63 |
| BA/10K3--8-40L2 | BUILDING AUTOMATION PRODUC DELTA RM THERM 10--IISP1K-5585 | BA/10K3-R-40L2 | 1 | \$32.00 | 38\% | \$19.84 |
| BA/106-3-880L3---C35-BM5090-CG | building Automation produc 10K-3 delta encl slide setpoint w/ o/r bimetal ind | BA/10K-3-R80L3-J-C35-BM5090-CG | 1 | \$128.31 | 38\% | \$79.55 |
| BA/10K-3-882L- N - $455-\mathrm{DF}$ | building automation produc 10k-3 DELTA ENCL. SLIDE SETPOINTR $45 \mathrm{JACK} \mathrm{W} / \mathrm{O} / \mathrm{R}$ | BA/10K-3-R82L6-N-C45-DF | 1 | \$47.19 | 38\% | \$29.26 |
| BA/10K-3-R82L-N-DF | building automation produc bapi sensor | BA/10K-3-R82L6-N-DF | 1 | \$33.05 | 38\% | \$20.49 |
| BA/10К3-R-84L2 | BUILDING AUTOMATION PRODUC DELTA RM THERM 10K-IISP20K-5585 | BA/10K3-2-84L2 | 1 | \$32.00 | 38\% | \$19.84 |
| BA/10K-3-884L4-N-BM5090-CG | building Automation produc 10k-3 delta encl sli setpoint w/ o/r bimetal indic | BA/10K-3-R8444-N-BM5090-CG | 1 | \$118.95 | 38\% | \$73.75 |
| BA/10K3-R-84L6-N | BUILLING AUTOMATION PRODUC DELTA RM THERM 10K-IISP20K-WCOVRDSEN | BA/10K3-R-84L6-N | 1 | \$39.00 | 38\% | \$24.18 |
| BA/10K3-RA12-BB | BUILDING AUTOMATION PRODUC 12 RIDGED AVG. DUCT THERM 10 K 3 , W/BB | BA/10К3-2A12-BB | 1 | \$212.40 | 38\% | \$131.69 |
| BA/10K3-RA2-BB | BUILDING AUTOMATION PRODUC 24 RIDGED AVG. DUCT THERM 10 K 3 , W/BB | BA/1033-RA2-BB | 1 | \$218.40 | 38\% | \$135.41 |
| BA/10k3-SP | BUILDING AUTOMATION PRODUC FLUSH SS PLATE RM THERM 10K-III | BA/10K3-SP | 1 | \$23.60 | 38\% | \$14.63 |
| вА/10к3-STP-נв | building automation produc spring ext strap on pipe therm 10 K 3 | BA/10К3-STP-נB | 1 | \$55.62 | 38\% | \$34.48 |
| ВА/10к-3-тВ-М304-1-HB-25 | BUILDING AUTOMATION PRODUC 10 K -3 MINI BUFFER 1.5IN M304 FEP 25FT HANGING BRAC | BA/ $10 \mathrm{O}-3-\mathrm{TB}$-M $304-1$ - $\mathrm{HB}-25$ | 1 | \$163.39 | 38\% | \$101.30 |
| BA/11-1-TB-M $304-2-\mathrm{HB}-10$ | building automation produc 1k1 2in m 304 BUFFER HANGING BRACKET 10Ft Leads | BA/1K-1-TB-M304-2-HB-10 | 1 | \$606.00 | 38\% | \$375.72 |
| BA/1k-O-probe-only-w/-nut | BUILDING AUTOMATION PRODUC 1 1-O-PROBE ONLY W/NUT | BA/1K-O-probe-only-w/-nut | 1 | \$46.35 | 38\% | \$28.74 |
| BA/1K-R25L6-P-BM5090-CG | building automation produc ik delta encl slider setpoint no o/r bimetal indic | BA/1--R25L6-P-BM5090-CG | 1 | \$137.14 | 38\% | \$85.03 |
| BA/1k-R25L6-P-C12-CG | building Automation produc 1 K DELTA Encl Llder setpoint w/ O/R RJ12 Jack | BA/11-R25L6-P-C12-CG | 1 | \$56.46 | 38\% | \$35.01 |
| BA/1K-R25L6---BM5090-CG | building automation produc ik delta encl slider setpoint no o/r bimetal indic | BA/11-R25L6--z-M5090-CG | 1 | \$129.99 | 38\% | \$80.59 |
| BA/1K-TB-M $304-1$-HB-10 | building automation produc ik iin m304 Buffer hanging brac 10ft lead bapi box | BA/1K-TB-M304-1-HB-10 | 1 | \$153.33 | 38\% | \$95.06 |
| BA/11-TB-M $304-1$-HB-25 | BUILDING AUTOMATION PRODUC 1 iK 1IN M304 BUFFER HANGING BRAC 25FT LEAD BAPI BOX | BA/1K-TB-M304-1-HB-25 | 1 | \$172.19 | 38\% | \$106.76 |
| BA/11-TB-M304-1-HB-BB-5 | Building automation produc ik 1in M304 BuFfer hanging brac frt Leads bapi box | BA/1K-TB-M $304-1-\mathrm{HB}$-BB-5 | 1 | \$162.13 | 38\% | \$100.52 |
| BA/11-TB-M $304-2-$-B-25 | building automation produc 1 K 2IN M304 BUFFER BAPI BOX 25FT Leads | BA/1K-TB-M304-2-BB-25 | 1 | \$315.66 | 38\% | \$195.71 |
| BA/11-TB-M $304-2-\mathrm{BB}$-TS | BUILDING AUTOMATION PRODUC 1 K 2IN M 304 BUFFER BAPI BOX TERMINAL SCREWS | BA/1K-TB-M304-2-BB-TS | 1 | \$290.81 | 38\% | \$180.30 |
| BA/20k-A12-BB | BUILDING AUTOMATION PRODUC 12 FLX AVG. DUCT THERM 20K, w/BB | BA/20K-A12-BB | 1 | \$201.89 | 38\% | \$125.17 |
| BA/20--88-BB | Building Automation produc 8 FLX AVG. DUCT THERM $20 K$, W/BB | BA/20--A8-BB | 1 | \$193.61 | 38\% | \$120.04 |
| BA/20K-I2-BB | BUILDING AUTOMATION PRODUC 2 IMMRSN THERM 20K, W/BB | BA/20K-I2-BB | 1 | \$47.00 | 38\% | \$29.14 |
| BA/20--14-BB | BUILDING AUTOMATION PRODUC 4 IMMRSN THERM 20K, w/BB | BA/20K-74-BB | 1 | \$47.00 | 38\% | \$29.14 |
| BA/20K-RA12-BB | BUILDING AUTOMATION PRODUC 12 RIDGED AVG. DUCT THERM 20K, w/BB | BA/20k-RA12-BB | 1 | \$212.40 | 38\% | \$131.69 |
| BA/20K-RA2-BB | BUILDING AUTOMATION PRODUC 24 RIDGED AVG. DUCT THERM 20K, w/BB | BA/20K-RA2-BB | 1 | \$218.40 | 38\% | \$135.41 |
| BA/20k-RA4-BB | BUILDING AUTOMATION PRODUC 48 RIDGED AVG. DUCT THERM 20K, w/BB | BA/20K-RA4-BB | 1 | \$318.60 | 38\% | \$197.53 |
| BA/3/3k-A12-BB | BUILDING AUTOMATION PRODUC 12 FLX AVG. DUCT THERM 3.3k, w/BB | BA/3.3K-A12-BB | 1 | \$201.89 | 38\% | \$125.17 |
| BA/3/3k-A24-BB | BUILDING AUTOMATION PRODUC 24 FLX AVG. DUCT THERM 3.3k, w/BB | BA/3.3--A24-BB | 1 | \$237.72 | 38\% | \$147.39 |
| BA/3.36-A8-BB | BUILILING AUTOMATION PRODUC 8 FLX AVG. DUCT THERM 3.3 K , w/BB | BA/3 3 3-A8-BB | 1 | \$193.61 | 38\% | \$120.04 |
| BA/3.3K-D8-BB | BUILDING AUTOMATION PRODUC 8 DUCT THERM 3.3k, w/BB | BA/3 3K-D8-BB | 1 | \$43.41 | 38\% | \$26.91 |
| BA/3 3K-12-BB | BUILDING AUTOMATION PRODUC 2 IMMRSN THERM 3.3K, w/BB | BA/3 3 3 -12-BB | 1 | \$44.61 | 38\% | \$27.66 |
| BA/3.3K-44-BB | BUILDING AUTOMATION PRODUC 4 IMMRSN THERM 3.3K, w/BB | BA/3.3\%-I4-BB | 1 | \$44.61 | 38\% | \$27.66 |
| BA/3.36-RA12-BB | BUILDING AUTOMATION PRODUC 12 RIDGED AVG. DUCT THERM 3.3K, w/BB | BA/3 3k-RA12-BB | 1 | \$212.40 | 38\% | \$131.69 |
| BA/3 3K-RA2-BB | BUILDING AUTOMATION PRODUC 24 RIDGED AVG. DUCT THERM 3.3k, w/BB | BA/3.3--RA2-BB | 1 | \$218.40 | 38\% | \$135.41 |
| BA/3.3k-RA4-BB | BUILDING AUTOMATION PRODUC 48 RIDGED AVG. DUCT THERM 3.3K, W/BB | BA/3.3--RA4-BB | 1 | \$318.60 | 38\% | \$197.53 |
| BA/334-D8-BB | BUILIING AUTOMATION PRODUC 8 duct solid state 334, w/BB | BA/334-D8-BB | 1 | \$51.68 | 38\% | \$32.04 |
| BA/33--12-BB | BUILIING AUTOMATION PRODUC 2 IMMRSN SOLID STATE 334, W/BB | BA/334-12-BB | 1 | \$53.12 | 38\% | \$32.93 |
| BA/334-14-BB | BUILLING AUTOMATION PRODUC 4 IMMRSN SOLID STATE 334, W/BB | BA/334-I4-BB | 1 | \$53.12 | 38\% | \$32.93 |
| BA/3K-A12-BB | BUILIING AUTOMATION PRODUC 12 FLL AVG. DUCT THERM 3 K , W/BB | BA/3K-A12-BB | 1 | \$201.89 | 38\% | \$125.17 |
| BA/3K-A24-BB | BUILIING AUTOMATION PRODUC 24 FLL AVG. DUCT THERM 3 K, w/BB | BA/3K-A24-BB | 1 | \$237.72 | 38\% | \$147.39 |
| BA/3k-A8-BB | BUILILING AUTOMATION PRODUC 8 FLX AVG. DUCT THERM 3 K , W/BB | BA/3K-A8-BB | 1 | \$193.61 | 38\% | \$120.04 |
| BA/3k-D8-BB | BUILDING AUTOMATION PRODUC 8 DUCT THERM 3 K , w/BB | BA/3K-D8-BB | 1 | \$43.41 | 38\% | \$26.91 |
| BA/3K-12-BB | BUILDING AUTOMATION PRODUC 2 IMMRSN THERM 3 K , W/BB | BA/3--12-BB | 1 | \$44.61 | 38\% | \$27.66 |
| BA/3k-I4-BB | BUILDING AUTOMATION PRODUC 4 IMMRSN THERM 3 K , w/BB | BA/3--14-8B | 1 | \$44.61 | 38\% | \$27.66 |
| BA/3k-RA12-BB | BUILDING AUTOMATION PRODUC 12 RIDGED AVG. DUCT THERM 3 K , W/BB | BA/3K-RA12-BB | 1 | \$244.22 | 38\% | \$151.42 |

The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mouted Instadedl Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor rolled HAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (HAP), and/or other similar device, which utilize certain platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209, b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtub, .
General Ductwork, Piping, etc. shall not be obtained on these contracts
Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not:
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. Gendio-Video eque

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
. Interrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Monted HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain和

Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance: and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
e) As part of the and in conjunction with the contractor providing the aforementioned instalation, systems ingraion, or mainten er of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtub showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controte I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.
B. To identify an individual(s)' location in the event of a fire or emergency.

| del Number |  |  | oduct Code | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, | Usit Price | nisoment |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 561025 BURKERT CONTROMATIC CORP. | FLATRODE PH ELECTRODE, 0-14PH, 0-80C, 0 -87PSI | 561025 | 1 | \$636.00 | 38\% | \$394.32 |
|  | 561027 BURKERT CONTROMATIC CORP. | ORP PROBE 0 TO176 ${ }^{\circ} \mathrm{F}$ - FLATRODE ORP 4.7 ( 120 MM ) | 561027 | 1 | \$744.00 | 38\% | \$461.28 |
|  | 561227 BURKERT CONTROMATIC CORP. | S022 PVC GLUE IN ASTM Solvent adaptor | 561227 | 1 | \$192.53 | 38\% | \$119.37 |
|  | 561228 BURKERT CONTROMATIC CORP. | S022 PVC $11 / 4 \times$ MALE NPT THREADED ADAPTOR | SPECIALTY | 1 | \$192.53 | 38\% | \$119.37 |
|  | 561230 BURKERT CONTROMATIC CORP. | S022 ADAPTER FOR EXIITING BURKERT FITTING | 561230 | 1 | \$382.74 | 38\% | \$237.30 |
|  | 561232 BURKERT CONTROMATIC CORP. | S022 SS METRIC WELDING ADAPTOR | 561232 | 1 | \$655.62 | 38\% | \$406.48 |
|  | 561233 BURKERT CONTROMATIC CORP. | S022 ADAPTER FOR EXISTING BURKERT FITTING | 561233 | 1 | \$803.12 | 38\% | \$497.93 |
|  | 561661 BURKERT CONTROMATIC CORP. | 8222 NEUTRINO BLIND TRANSMITTER CONSTANT $\mathrm{C}=0.01$ | 561631 | 1 | \$2,460.54 | 38\% | \$1,525.53 |
|  | 561662 BURKERT CONTROMATIC CORP. | DS8222 NUTRINO CONDUCT XMIT, C=0.01, CBL GLND | 561662 | 1 | \$2,460.50 | 38\% | \$1,525.51 |
|  | 561663 BURKERT CONTROMATIC CORP. | 8222 NEUTRINO BLIND TRANSMITTER CONSTANT $\mathrm{C}=0.1$ | 561663 | 1 | \$2,374.50 | 38\% | \$1,472.19 |
|  | 561664 BURKERT CONTROMATIC CORP. | DS8222 NUTRINO CONDUCT XMIT, C=0.10, CBL GLND | 561664 | 1 | \$2,374.49 | 38\% | \$1,472.18 |
|  | 561665 BURKERT CONTROMATIC CORP. | 8222 NEUTRINO BLIND TRANSMITTER CONSTANT $\mathrm{C}=1.0$ | 561665 | 1 | \$2,288.44 | 38\% | \$1,418.83 |
|  | 511666 BURKERT CONTROMATIC CORP. | DS8222 NUTRINO CONDUCT XMIT, C=1.0, CBL GLND | 511666 | 1 | \$2,288.44 | 38\% | \$1,418.83 |
|  | 561668 BURKERT CONTROMATIC CORP. | DS8222 NUTRINO CONDUCT XMIT, $\mathrm{C}=0.01, \mathrm{G} 3 / 4$ THRD | 561668 | 1 | \$2,417.56 | 38\% | \$1,498.89 |
|  | 561670 BURKERT CONTROMATIC CORP. | DS8222 NUTRINO CONDUCT XMIT, $\mathrm{C}=0.10, \mathrm{G3} / 4$ THRD | 561670 | 1 | \$2,327.19 | 38\% | \$1,442.86 |
|  | 561672 BURKERT CONTROMATIC CORP. | DS8222 NUTRINO CONDUCT XMIT, C=1.0, G3/4 EXT THRD | 561672 | 1 | \$2,241.13 | 38\% | \$1,389.50 |
|  | 561685 BURKERT CONTROMATIC CORP. | 8202 NEUTRINO PH/ORP BLIND TRANSMIITTER | 561685 | 1 | \$2,563.79 | 38\% | \$1,589.55 |
|  | 561686 BURKERT CONTROMATIC CORP. | DS8202 NUTRINO PH TRNSMITTER, CBL GLND, PVC NUT | 561686 | 1 | \$2,563.79 | 38\% | \$1,589.55 |
|  | 562394 BURKERT CONTROMATIC CORP. | 8222 STANDARD TRANSMITTER CONSTANT $\mathrm{C}=0.01$ | 562394 | 1 | \$3,140.29 | 38\% | \$1,946.98 |
|  | 562395 BURKERT CONTROMATIC CORP. | DS8222 STD Conduct XMIT, 2 OUT, $\mathrm{C}=0.01$, PVC NUT | 562395 | 1 | \$3,669.33 | 38\% | \$2,274.98 |
|  | 562396 BURKERT CONTROMATIC CORP. | DS8222 STD Conduct XMIT, 1 OUT, $\mathrm{C}=0.01$, PVDF NUT | 562396 | 1 | \$3,389.69 | 38\% | \$2,101.61 |
|  | 562397 BURKERT CONTROMATIC CORP. | DS8222 STD Conduct XMit, 2 OUT, $\mathrm{C}=0.01$, PVDF NUT | 562397 | 1 | \$3,871.51 | 38\% | \$2,400.34 |
|  | 562545 BURKERT CONTROMATIC CORP. | NEUTRINO TRANSMITTER $\mathrm{C}=0.01$ | 562545 | 1 | \$2,958.90 | 38\% | \$1,834.52 |
|  | 562547 BURKERT CONTROMATIC CORP. | NEUTRINO TRANSMITTER $\mathrm{C}=0.1$ | 562547 | 1 | \$2,861.52 | 38\% | \$1,774.14 |
|  | 562549 BURKERT CONTROMATIC CORP. | NEUTRINO TRANSMITTER $\mathrm{C}=1.0$ | 562549 | 1 | \$2,760.39 | 38\% | \$1,711.44 |
| 8200-M1 | BURKERT CONTROMATIC CORP. | 1in NPT MOUNTING ADAPTER TEE | 428684 V | 1 | \$403.00 | 38\% | \$249.86 |
|  | 917116 BURKERT CONTROMATIC CORP. | DS8222/8202 ELECTRICAL PLUG | SPECIALTY | 1 | \$80.73 | 38\% | \$50.05 |
| CBL-ETH248UN | BURTON WIRE \& CABLE | ETHERNET CABLE 24/4 PAIR NON-PLENUM - 1000ft REEL | 2404PRCMRMPR5E-GRY | 1 | \$367.00 | 38\% | \$227.54 |
| CBL-TP1825N | BURTON WIRE \& CABLE | 2 COND.TWPAIR CABLE 18ga NON-PLENUM, SHIELD-100oft | CBL-TP182SN | 1 | \$400.00 | 38\% | \$248.00 |
| CBL-TP182SP | BURTON WIRE \& CABLE | 2 COND TWPAIR CABLE 18ga PLENUM, SHiELD-1000ft | CBL-TP182SP | 1 | \$481.00 | 38\% | \$298.22 |
| CBL-TP182SP-100 | BURTON WIRE \& CABLE | 2 Cond TW PR CABLE 18GA PLENUM SHiELD 100 FT | CBL-TP182SP-100 | 1 | \$53.00 | 38\% | \$32.86 |
| CBL-TP184SN | BURTON WIRE \& CABLE | 4 COND TWPAIR CABLE 18ga NON-PLENUM, SHielo-1000ft | CBL-TP184SN | 1 | \$680.00 | 38\% | \$421.60 |
| CBL-TP184SN-100 | BURTON WIRE \& CABLE | 4 COND TW PR CABLE 18GA NON-PLENUM SHIELD 100 FT | CBL-TP184SN-100 | 1 | \$95.00 | 38\% | \$58.90 |
| CBL-TP184SP | BURTON WIRE \& CABLE | 4 COND TWPAIR CABLE 18ga PLENUM, SHIELD-1000ft | CBL-TP184SP | 1 | \$738.00 | 38\% | \$457.56 |
| CBL-TP184SP-100 | BURTON WIRE \& CABLE | 4 Cond TW PR CABLE 18GA PLENUM SHiELD 100 FT | CBL-TP184SP-100 | 1 | \$97.00 | 38\% | \$60.14 |
| CBL-TP186SN | BURTON WIRE \& CABLE | 3 TWIISTED PAIR 18ga NON-PLENUM, SHIELD - 1000ft | CBL-TP1865N | 1 | \$1,009.00 | 38\% | \$625.58 |
| CBL-TP186SP | BURTON WIRE \& CABLE | 6 COND TWPAIR CABLE 18ga PLENUM, SHiELD-1000ft | CBL-TP186SP | 1 | \$1,048.00 | 38\% | \$649.76 |
| CBL-TP222SN | BURTON WIRE \& CABLE | 2 COND TWPAIR CABLE 22GA NON-PLENUM, SHiELD 1000FT | CBLTP222SN | 1 | \$261.00 | 38\% | \$161.82 |
| CBL-TP222SP | BURTON WIRE \& CABLE | 2 COND TWPAIR CABLE 22GA PLENUM, SHiELD 1000FT | CBL-TP222SP | 1 | \$271.00 | 38\% | \$168.02 |
| CBL-TP222SP-100 | BURTON WIRE \& CABLE | 2 Cond TW PR CABLE 22GA PLENUM SHiELD 100 FT | CBL-TP222SP-100 | 1 | \$35.00 | 38\% | \$21.70 |
| CBL-TP224SN | BURTON WIRE \& CABLE | 4 COND TWPAIR CABLE 22GA NON-PLENUM, SHieL ionor | CBL-TP224SN | 1 | \$384.00 | 38\% | \$238.08 |
| CBL-TP224SN-100 | BURTON WIRE \& CABLE | 4 COND TWPAIR CABLE 22GA NON-PLENUM, SHiELD 100FT | CBL-TP224SN-100 | 1 | \$42.00 | 38\% | \$26.04 |
| CBL-TP224SP | BURTON WIRE \& CABLE | 4 COND TWPAIR CABLE 22GA PLENUM, SHIELD 1000\%T | CBL-TP224SP | 1 | \$402.00 | 38\% | \$249.24 |
| CBL-TP224SP-100 | BURTON WIRE \& CABLE | 4 COND TW PR CABLE 22GA PLENUM SHIELD 100 FT | CBL-TP224SP-100 | 1 | \$56.00 | 38\% | \$34.72 |
| CBL-TP226SN | BURTON WIRE \& CABLE | 6 COND TWPAIR CABLE 22GA NON-PLENUM, SHIELD 1000FT | CBL-TP2265N | 1 | \$444.00 | 38\% | \$275.28 |
| CBL-TP226SP | BURTON WIRE \& CABLE | 6 COND TWPAIR CABLE 22GA PLENUM, SHiELD 1000FT | CBL-TP226SP | 1 | \$549.00 | 38\% | \$340.38 |
| CBL-TP226SP-100 | BURTON WIRE \& CABLE | 6 COND TW PR CABLE 22GA PLENUM SHIELD 100 FT | CBL-TP226SP-100 | 1 | \$74.00 | 38\% | \$45.88 |
| CBL-TW185UN | BURTON WIRE \& CABLE | THERMOSTAT WIRE 18/5 NON-PLENUM 250 FT SPOOL | 180521 THRSUN | 1 | \$174.00 | 38\% | \$107.88 |
| CBL-TW185UP | BURTON WIRE \& CABLE | THERMOSTAT WIRE 18/5 PLENUM 250 FT SPOOL | 180521 THRCLIPWHT | 1 | \$172.00 | 38\% | \$106.64 |
| CBL-TW186UN | BURTON WIRE \& CABLE | THERMOSTAT WIRE 18/6 NON-PLENUM 250 FT SPOOL | 180621 THRSUN | 1 | \$217.00 | 38\% | \$134.54 |
| CBL-TW186UP | BURTON WIRE \& CABLE | THERMOSTAT WIRE 18/6 PLENUM 250 rt SPOOL | 180621 THRCLIPWHT | 1 | \$202.00 | 38\% | \$125.24 |
| CBL-TW188UN | BURTON WIRE \& CABLE | THERMOSTAT WIRE 18/8 NON-PLENUM - 250 ft Spool | 180821 THRSUN | 1 | \$233.00 | 38\% | \$144.46 |
| CBL-TW188UP | BURTON WIRE \& CABLE | THERMOSTAT WIRE 18/8 PLENUM - 250ft SPOOL | 180821 THRCLIPWHT | 1 | \$262.00 | 38\% | \$162.44 |
| k21-11 | CALEFFI NORTH AMERICA,INC. | ACTUATOR | 2111000 | 1 | \$114.00 | 38\% | \$70.68 |
| K21-12 | CALEFFI NORTH AMERICA,INC. | NC, 2-POS, SR, $120 \mathrm{VAC}, \mathrm{W} / \mathrm{AUX}$. SW. | 2112000 | 1 | \$118.00 | 38\% | \$73.16 |
| kz1-21 | CALEFFI NORTH AMERICA,INC. | NC, 2 -POS, SR, 24 VAC | 2121000 | 1 | \$105.00 | 38\% | \$65.10 |
| k21-22 | CALEFFI NORTH AMERICA,INC. | $\mathrm{NC}, 2$-PSS, $\mathrm{SR}, 120 \mathrm{VAC}$ | 2122000 | 1 | \$105.00 | 38\% | \$65.10 |
| kz1-23 | CALEFFI NORTH AMERICA,INC. | ACTUATOR, NORMALY OPEN WITHOUT END SWITCHES, 208V | kz1-23 | 1 | \$125.00 | 38\% | \$77.50 |
| k21-31 | CALEFFI NORTH AMERICA,INC. | NO, 2-POS, SR, $24 \mathrm{VAC}, \mathrm{W} / \mathrm{AUX}$. SW. | 2131000 | 1 | \$128.00 | 38\% | \$79.36 |
| kz1-32 | CALEFFI NORTH AMERICA,INC. | No, 2-POS, SR, $120 \mathrm{VAC}, \mathrm{W} / \mathrm{AUX}$. SW. | 2132000 | 1 | \$131.00 | 38\% | \$81.22 |
| k21-41 | CALEFFI NORTH AMERICA,INC. | NO, 2 -POS, SR, 24 VAC | 2141000 | 1 | \$116.00 | 38\% | \$71.92 |
| K21-42 | CALEFFI NORTH AMERICA,INC. | No, 2 -PSS, SR, 120 VaC | 2142000 | 1 | \$123.00 | 38\% | \$76.26 |
| kz2-411 | CALEFFI NORTH AMERICA,INC. | 2 -WAY, $1 / 2 \mathrm{l}$ NPT, CV= 1.0 | 2200411 | 1 | \$51.00 | 38\% | \$31.62 |
| K22-411-K21-11 | CALEFFI NORTH AMERICA, INC. | $2 \mathrm{~W}, 1 / 2 \mathrm{l}$ NPT, $\mathrm{Cv}=1.0, \mathrm{NC}$,24 V , aux. sw. | KELE BOM | 1 | \$157.00 | 38\% | \$97.34 |
| kz2-411-K21-12 | CALEFFI NORTH AMERICA,INC. | $2 \mathrm{~W}, 1 / 2^{\prime \prime} \mathrm{NPT}, \mathrm{Cv}=1.0, \mathrm{NC}$,120 V , aux. sw. | KELE BOM | 1 | \$157.00 | 38\% | \$97.34 |
| Kz2-411-Kz1-21 | CALEFFI NORTH AMERICA,INC. | $2 \mathrm{~W}, 1 / 2^{\prime \prime} \mathrm{NPT}, \mathrm{CV}=1.0, \mathrm{NC}, 24 \mathrm{~V}$ | KELE BOM | 1 | \$149.00 | 38\% | \$92.38 |
| Kz2-411-Kz1-22 | CALEFFI NORTH AMERICA,INC. | $2 \mathrm{~W}, 1 / 2^{\prime} \mathrm{NPT}, \mathrm{c}=1.0, \mathrm{NC}, 12 \mathrm{~V}$ | KELE Bom | 1 | \$149.00 | 38\% | \$92.38 |
| Kz2-411-Kz1-31 | CALEFFI NORTH AMERICA,INC. | $2 \mathrm{~W}, 1 / 2 \mathrm{NPT}, \mathrm{Cv}=1.0, \mathrm{NO}, 24 \mathrm{~V}$, aux. sw. | KELE Bom | 1 | \$167.00 | 38\% | \$103.54 |
| Kz2-411-Kz1-32 | CALEFFI NORTH AMERICA,INC. | $2 \mathrm{~W}, 1 / 2^{\prime \prime} \mathrm{NPT}, \mathrm{Cv}=1.0, \mathrm{NO}, 120 \mathrm{~V}, \mathrm{aux}$. sw. | kELE Bom | 1 | \$167.00 | 38\% | \$103.54 |
| K22-411-Kz1-41 | CALEFFI NORTH AMERICA,INC. | $2 \mathrm{~W}, 1 / 2^{\prime \prime} \mathrm{NPT}, \mathrm{CV}=1.0, \mathrm{NO}, 24 \mathrm{~V}$ | KELE Bom | 1 | \$159.00 | 38\% | \$98.58 |
| kz2-411-K21-42 | CALEFFI NORTH AMERICA,INC. | $2 \mathrm{~W}, 1 / 2^{\prime} \mathrm{NPT}, \mathrm{CV}=1.0, \mathrm{NO}, 12 \mathrm{~V}$ | KELE BOM | 1 | \$159.00 | 38\% | \$98.58 |
| KZ2-412 | CALEFFI NORTH AMERICA,INC. | 2 -WAY, $1 / 2^{\text {" NPT, }} \mathrm{CV}=2.5$ | 2200412 | 1 | \$52.00 | 38\% | \$32.24 |
| K22-412-K21-11 | CALEFFI NORTH AMERICA,INC. | $2 \mathrm{~W}, 1 / 2 \mathrm{l}$ NPT, $\mathrm{Cv}=2.5, \mathrm{NC}$,24 V , aux. sw. | KELE BOM | 1 | \$157.00 | 38\% | \$97.34 |
| kz2-412-k71-12 | CALEFFI NORTH AMERICA,INC. | $2 \mathrm{~W}, 1 / 2^{2} \mathrm{NPT}, \mathrm{Cv}=2.5$, NC, 120V, aux. sw. | KELE BOM | 1 | \$157.00 | 38\% | \$97.34 |
| kz2-412-kz1-21 | CALEFFI NORTH AMERICA,INC. | $2 \mathrm{~W}, 1 / 2^{\text {" NPT, }} \mathrm{CV}=2.5, \mathrm{NC}, 24 \mathrm{~V}$ | KELE Bom | 1 | \$149.00 | 38\% | \$92.38 |
| kz2-412-kz1-22 | CALEFFI NORTH AMERICA,INC. | $2 \mathrm{~W}, 1 / 2^{\text {" NPT, }} \mathrm{CV}=2.5$, NC, 120V | KELE BOM | 1 | \$149.00 | 38\% | \$92.38 |
| KZ2-412-Kz1-31 | CALEFFI NORTH AMERICA,INC. | $2 \mathrm{~W}, 1 / 2^{\prime \prime} \mathrm{NPT}, \mathrm{Cv}=2.5, \mathrm{NO}, 24 \mathrm{~V}$, aux. sw. | KELE Bom | 1 | \$167.00 | 38\% | \$103.54 |
| kz2-412-K21-32 | CALEFFI NORTH AMERICA,INC. | $2 \mathrm{~W}, 1 / 2^{\prime \prime} \mathrm{NPT}, \mathrm{Cv}=2.5$, No, 120V, aux. sw. | KELE BOM | 1 | \$167.00 | 38\% | \$103.54 |
| kz2-412-K21-41 | CALEFFI NORTH AMERICA,INC. | $2 \mathrm{~W}, 1 / 2^{\prime \prime} \mathrm{NPT}, \mathrm{CV}=2.5, \mathrm{NO}, 24 \mathrm{~V}$ | KELE BOM | 1 | \$159.00 | 38\% | \$98.58 |
| kz2-412-k71-42 | CALEFFI NORTH AMERICA,INC. | $2 \mathrm{~W}, 1 / 2^{\text {" NPT, }} \mathrm{CV}=2.5$, No, 120V | KELE BOM | 1 | \$159.00 | 38\% | \$98.58 |
| K22-413 | CALEFFI NORTH AMERICA,INC. | 2 -WAY, $1 / 2^{\prime \prime}$ NPT, CV=3.5 | 2200413 | 1 | \$52.00 | 38\% | \$32.24 |
| K22-413-K21-11 | CALEFFI NORTH AMERICA,INC. | $2 \mathrm{w}, 1 / 2^{\prime \prime}$ NPT, cv = 3.5, Nc, 24V, aux. sw. | KELE BOM | 1 | \$157.00 | 38\% | \$97.34 |
| KZ2-413-K21-12 | CALEFFI NORTH AMERICA,INC. | $2 \mathrm{~W}, 1 / 2^{\prime \prime} \mathrm{NPT}, \mathrm{CV}=3.5, \mathrm{NC,120V}$, aux. sw. | KELE BOM | 1 | \$157.00 | 38\% | \$97.34 |
| kz2-413-k21-21 | CALEFFI NORTH AMERICA,INC. | $2 \mathrm{~W}, 1 / 2^{\prime \prime} \mathrm{NPT}, \mathrm{cV}=3.5, \mathrm{NC}, 24 \mathrm{~V}$ | KELE Bom | 1 | \$149.00 | 38\% | \$92.38 |
| kz2-413-K21-22 | CALEFFI NORTH AMERICA,INC. | $2 \mathrm{~W}, 1 / 2^{\text {" NPT, }} \mathrm{CV}=3.5$, NC, 120V | KELE BOM | 1 | \$149.00 | 38\% | \$92.38 |
| kz2-413-K21-31 | CALEFFI NORTH AMERICA,INC. | $2 \mathrm{~W}, 1 / 2^{\text {" NPT, }}$ Cv = 3.5 , No, 24V, aux. sw. | KELE BOM | 1 | \$167.00 | 38\% | \$103.54 |
| kz2-413-k71-32 | CALEFFI NORTH AMERICA,INC. | $2 \mathrm{w}, 1 / 2^{\prime \prime} \mathrm{NPT}, \mathrm{Cv}=3.5, \mathrm{NO}, 120 \mathrm{~V}, \mathrm{aux}$ sw. | KELE BOM | 1 | \$167.00 | 38\% | \$103.54 |
| K22-413-K21-41 | CALEFFI NORTH AMERICA, INC. | $2 \mathrm{~W}, 1 / 2^{\prime \prime} \mathrm{NPT}, \mathrm{CV}=3.5, \mathrm{NO}, 24 \mathrm{~V}$ | KELE BOM | 1 | \$159.00 | 38\% | \$98.58 |
| kz2-413-kz1-42 | CALEFFI NORTH AMERICA,INC. | $2 \mathrm{~W}, 1 / 2^{\text {" NPT, }} \mathrm{c}=3.5$, No, 120 V | KELE Bom | 1 | \$159.00 | 38\% | \$98.58 |
| kz2-431 | CALEFFI NORTH AMERICA,INC. | 2 -WAY, 1/2" SWEAT, $\mathrm{CV}=1.0$ | 2200431 | 1 | \$49.00 | 38\% | \$30.38 |
| kz2-431-K21-11 | CALEFFI NORTH AMERICA,INC. | $2 \mathrm{~W}, 1 / 2^{\prime \prime} \mathrm{SWT}, \mathrm{cv}=1.0, \mathrm{Nc}, 24 \mathrm{~V}, \mathrm{aux}$. sw. | KELE BOM | 1 | \$153.00 | 38\% | \$94.86 |
| kz2-431-K21-12 | CALEFFI NORTH AMERICA,INC. | $2 \mathrm{~W}, 1 / 2 \mathrm{LSWT}, \mathrm{Cv}=1.0, \mathrm{NC,120V}$, aux. sw. | KELE BOM | 1 | \$153.00 | 38\% | \$94.86 |
| K22-431-K71-21 | CALEFFI NORTH AMERICA,INC. | $2 \mathrm{~W}, 1 / 2^{\prime \prime} \mathrm{SWT}, \mathrm{CV}=1.0, \mathrm{NC}, 24 \mathrm{~V}$ | KELE BOM | 1 | \$145.00 | 38\% | \$89.90 |
| K22-431-K21-22 | CALEFFI NORTH AMERICA, INC. | $2 \mathrm{w}, 1 / 2 \mathrm{swT}, \mathrm{CV}=1.0, \mathrm{NC}, 120 \mathrm{~V}$ | KELE BOM | 1 | \$145.00 | 38\% | \$89.90 |
| kz2-431-K21-31 | CALEFFI NORTH AMERICA,INC. | $2 \mathrm{~W}, 1 / 2 \mathrm{LWWT}, \mathrm{cv}=1.0, \mathrm{No}, 24 \mathrm{~V}, \mathrm{aux}$. sw. | KELE BOM | 1 | \$163.00 | 38\% | \$101.06 |
| kz2-431-kz1-32 | CALEFFI NORTH AMERICA,INC. | $2 \mathrm{w}, 1 / 2 \mathrm{swT}, \mathrm{cv}=1.00, \mathrm{No,120V}$, aux. sw. | kELE Bom | 1 | \$163.00 | 38\% | \$101.06 |
| Kz2-431-K21-41 | CALEFFI NORTH AMERICA,INC. | $2 \mathrm{~W}, 1 / 2 \mathrm{l}$ "WT, $\mathrm{CV}=1.0, \mathrm{NO}, 24 \mathrm{~V}$ | KELE BOM | 1 | \$155.00 | 38\% | \$96.10 |
| kz2-431-k71-42 | CALEFFI NORTH AMERICA,INC. | $2 \mathrm{~W}, 1 / 2^{\prime \prime} \mathrm{SWT}, \mathrm{cv}=1.0, \mathrm{No}, 12 \mathrm{~V}$ | KELE BOM | 1 | \$155.00 | 38\% | \$96.10 |
| kz2-432 | CALEFFI NORTH AMERICA, INC. | 2 -WAY, 1/2" SWEAT, CV=2.5 | 2200432 | 1 | \$47.00 | 38\% | \$29.14 |
| kz2-432-k21-11 | CALEFFI NORTH AMERICA,INC. | $2 \mathrm{~W}, 1 / 2 \mathrm{SWT}, \mathrm{Cv}=2.5, \mathrm{Nc}, 24 \mathrm{~V}$, aux. sw. | KELE BOM | 1 | \$153.00 | 38\% | \$94.86 |
| kz2-432-k71-12 | CALEFFI NORTH AMERICA,INC. | $2 \mathrm{w}, 1 / 2 \mathrm{~L}$ SWT, $\mathrm{Cv}=2.5, \mathrm{Nc}, 120 \mathrm{~V}$, aux. sw. | KELE BOM | 1 | \$153.00 | 38\% | \$94.86 |
| K22-432-k71-21 | CALEFFI North America, INC. | $2 \mathrm{~W}, 1 / 2 \mathrm{sWT}$ SVV $=2.5, \mathrm{NC}, 24 \mathrm{~V}$ | KELE BOM | 1 | \$145.00 | 38\% | \$89.90 |
| kz2-432-k21-22 | CALEFFI NORTH AMERICA,INC. | $2 \mathrm{~W}, 1 / 2 \mathrm{LWT}$, $\mathrm{CV}=2.5, \mathrm{NC}, 120 \mathrm{~V}$ | KELE BOM | 1 | \$145.00 | 38\% | \$89.90 |
| Kz2-432-kz1-31 | CALEFFI NORTH AMERICA,INC. | $2 \mathrm{~W}, 1 / 2^{\prime \prime} \mathrm{SWT}, \mathrm{cv}=2.5, \mathrm{No}, 24 \mathrm{~V}$, aux. sw. | KELE Bom | 1 | \$163.00 | 38\% | \$101.06 |
| kz2-432-kz1-32 | CALEFFI NORTH AMERICA,INC. | $2 \mathrm{w}, 1 / 2^{\prime \prime} \mathrm{SWT}, \mathrm{Cv}=2.5, \mathrm{No}, 120 \mathrm{~V}$, aux. sw. | KELE BOM | 1 | \$163.00 | 38\% | \$101.06 |

The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Inctled], Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain wecols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction withe contractor providing the aforemenis.

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, owers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens Displays, etc).

A physical security and faciity system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Miled HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain procols (e.g. BACNet, LonTalk, Modbus, micate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated

Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs .
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting conference rooms vide video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
. Itegrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Monted HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pane platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction wit the contractor providing the aforemenio.

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, .
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely use
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Inctled] Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor entrolled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus,路

Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or mainten

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtub owers, water fountains, water heaters hot water tanks, garbage disposal
General Ductwork, Piping etc shall not be obtained on these contract
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not:
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' $\mathbf{l}$ location in the event of a fire or emergency.


The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Istlled], Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integra
products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenance of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs wers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
A. General Purpose IT, Telecommumications, Networking Cabing, Fiber Optics (e.g. phone, pbx, digital centrex, digital key systems, television, cable, T-Line, general broadband,

A physical security and facility system includes an emergency telephone system or pbs system expressly and solely us
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

|  | Mantracturer |  | uct Code | $\begin{gathered} \text { "Warranty Period - \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54 \text { " } \end{gathered}$ | Usis Price | \% Discoum | NvS Nal Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| MTL7787+ | COOPER CROUSE-HINDS MTL Inc is barrier - digital input |  | MTL7787+ | 1 | \$567.00 | 38\% | \$351.54 |
| \#1075 | COOPER-AtKINS CORPORATION (REPLACEMENT PROBE FOR TM99A |  | 10-1075 | 1 | \$162.00 | 38\% | \$100.44 |
| тм99a | COOPER-ATKINS CORPORATION ( 1 THERMISTOR DIGITAL THERM. |  | тм99A | 1 | \$468.55 | 38\% | \$290.50 |
| 93501 C | Cramer Company/MH RHODES | k 0-15 MINUTE TIMER W/O HoLD | KELE KIT | 1 | \$69.00 | 38\% | \$42.78 |
| $93502 C$ | Cramer Company/MH RHODES | k 0-30 MIN TIMER W/O HoLD | KELE KIT | 1 | \$69.00 | 38\% | \$42.78 |
| $93503 C$ | Cramer Company/MH RHODES | k 0-60 MIN TIMER W/O HOLD | KELE KIT | 1 | \$73.00 | 38\% | \$45.26 |
| 93504 C | Cramer Company/MH RHODES | k 0-120 MIN TIMER W/O HoLD | KELE KIT | 1 | \$73.00 | 38\% | \$45.26 |
| 93505 C | Cramer Company/MH RHODES | k 0-6 HR TIMER W/O HOLD | KELE KIT | 1 | \$81.00 | 38\% | \$50.22 |
| 93506 C | Cramer Company/MH RHODES | k 0-12 HR TIMER W/O HoLD | KELE KIT | 1 | \$80.00 | 38\% | \$49.60 |
| $93507 C$ | Cramer Company/MH RHODES | k 0-4 HR TIMER W/O HOLD | KELE Kit | 1 | \$72.00 | 38\% | \$44.64 |
| 93513 C | Cramer Company/MH RHODES | k 0-60 MIN TIMER W/ HoLD | KELE KIT | 1 | \$74.00 | 38\% | \$45.88 |
| 93516 C | Cramer Company/MH RHODES | k 0-12 HR TIMER W/ HOLD | KELE KIT | 1 | \$74.00 | 38\% | \$45.88 |
| 01360140 | DANFOSS, InC. | Steam valve $1 / 8$ In W/VAC Brk | 01360140 | 1 | \$187.95 | 38\% | \$116.53 |
| 01360290 | DANFOSS, InC. | RA2000 Valve packing gland | 01360290 | 1 | \$38.77 | 38\% | \$24.04 |
| 01362922 | DANFOSS, InC. | DiAL OP VLV MNT REM SENS 6FT | 01362922 | 1 | \$196.93 | 38\% | \$122.10 |
| 01368013 | DANFOSS, InC. | $1 / 2 \mathrm{IN} \mathrm{CV}=1.6$ SIDE MT ANGLE | 01368013 | 1 | \$98.36 | 38\% | \$60.98 |
| 01368014 | danfoss, Inc. | $1 / 2$ IN CV=1.6 ANGLE MOUNT | 01368014 | 1 | \$98.36 | 38\% | \$60.98 |
| 01368015 | DANFOSS, Inc. | $1 / 2$ IN CV $=1.6$ STRAIGHT MOUNT | 01368015 | 1 | \$92.77 | 38\% | \$57.52 |
| 01368018 | DANFOSS, Inc. | $3 / 4 \mathrm{IN} \mathrm{CV}=2.1$ SIIE MT ANGLE | 01368018 | 1 | \$107.33 | 38\% | \$66.54 |
| 01368019 | danfoss, Inc. | 3/4iN CV=2.1 ANGLE MOUNT | 01368019 | 1 | \$107.33 | 38\% | \$66.54 |
| 01368020 | DANFOSS, INC. | $3 / 4 \mathrm{IN} \mathrm{CV}=2.1$ STRAIGHT MOUNT | 01368020 | 1 | \$103.07 | 38\% | \$63.90 |
| 01368023 | DANFOSS, InC. | 1 IN CV=2.8 SIDE MT ANGLE | 01368023 | 1 | \$156.54 | 38\% | \$97.05 |
| 01368024 | DANFOSS, InC. | 1 IN CV=2.8 ANGLE MOUNT | 01368024 | 1 | \$156.54 | 38\% | \$97.05 |
| 01368025 | DANFOSS, Inc. | 1 IN $\mathrm{CV}=2.8$ StRaight mount | 01368025 | 1 | \$156.54 | 38\% | \$97.05 |
| 01368030 | danfoss, inc. | $1-1 / 4$ IN CV $=2.8$ SIDE MT ANGLE | 01368030 | 1 | \$261.48 | 38\% | \$162.12 |
| 01368031 | DANFOSS, InC. | 1-1/4 IN CV=2.8 ANGLE MOUNT | 01368031 | 1 | \$261.48 | 38\% | \$162.12 |
| 01368032 | DANFOSS, Inc. | $1-1 / 4 \mathrm{IN} \mathrm{CV}=2.8$ STRT MOUNT | 01368032 | 1 | \$261.48 | 38\% | \$162.12 |
| 01368042 | DANFOSS, INC. | $1 / 2$ IN CV=1.6 SOLDER STRT MT | 01368042 | 1 | \$138.76 | 38\% | \$86.03 |
| 01368044 | DANFOSS, InC. | $3 / 4$ IN CV=2.1 SOLDER STRT MT | 01368044 | 1 | \$147.71 | 38\% | \$91.58 |
| 01368072 | DANFOSS, InC. | RAV VLV ADAPT FOR RA2000 OP | 01368072 | 1 | \$134.31 | 38\% | \$83.27 |
| 01368240 | DANFOSS, InC. | VLV MNT dial/sens non-tamp | 01368240 | 1 | \$138.76 | 38\% | \$86.03 |
| 01368250 | danfoss, inc. | VLV MNT dial/sensor built-in | VLV Mnt dial/Sensor bult in | 1 | \$100.92 | 38\% | \$62.57 |
| 01368252 | DANFOSS, InC. | VLV MNT dial remote sensor | 01368252 | 1 | \$152.25 | 38\% | \$94.40 |
| 01368562 | DANFOSS, InC. | WALL MT DIAL/SENSOR 6FT CAP | 01368562 | 1 | \$214.87 | 38\% | \$133.22 |
| 01368564 | DANFOSS, INC. | REMOTE DIAL/SENSOR 6FT CAPS | 01368564 | 1 | \$318.60 | 38\% | \$197.53 |
| 01368565 | DANFOSS, InC. | WALL MT DIAL/SENSOR 16FT CAP | 01368565 | 1 | \$239.45 | 38\% | \$148.46 |
| 01368568 | DANFOSS, Inc. | WALL MT DIAL/SENSOR 26FT CAP | 01368568 | 1 | \$305.35 | 38\% | \$189.32 |
| 06588962 | danfoss, Inc. | 3 IN 3 W flg CV=175 MIX VLV | 06588962 | 1 | \$1,645.67 | 38\% | \$1,020.32 |
| 06588963 | DANFOSS, Inc. | 4 IN 3W FLG CV=265 MIX VLV | 06588963 | 1 | \$2,491.84 | 38\% | \$1,544.94 |
| 06588950 | DANFOSS, InC. | 2 IN DIN FLANGE | 06588950 | 1 | \$63.07 | 38\% | \$39.10 |
| 06558951 | DANFOSS, INC. | 2 IN DIIN FLANGE GASKET | 06558951 | 1 | \$17.10 | 38\% | \$10.60 |
| 06588953 | DANFOSS, INC. | FLT ACT 24V 50SEC 135 IN INB | 06588953 | 1 | \$851.62 | 38\% | \$528.00 |
| 08288961 | DANFOSS, InC. | 2-1/2 IN DIN FLANGE | 08288961 | 1 | \$76.67 | 38\% | \$47.54 |
| 08288962 | DANFOSS, InC. | 3 In din flange | 08278962 | 1 | \$123.05 | 38\% | \$76.29 |
| 08288963 | DANFOSS, Inc. | 4 IN din flange | 08288963 | 1 | \$143.27 | 38\% | \$88.83 |
| 082F8964 | danfoss, inc. | 5 In din flange | 082 F8964 | 1 | \$192.44 | 38\% | \$119.31 |
| 082F8965 | danfoss, Inc. | 6 In din flange | 082 88965 | 1 | \$223.70 | 38\% | \$138.69 |
| 08288966 | DANFOSS, Inc. | 2-1/2 IN DIN FLANGE GASKET | 082 88966 | 1 | \$34.08 | 38\% | \$21.13 |
| 08288967 | danfoss, inc. | 3 In din flange gasket | 08288967 | 1 | \$41.46 | 38\% | \$25.71 |
| 08278968 | danfoss, inc. | 4 IN din flange gasket | 08278968 | 1 | \$59.60 | 38\% | \$36.95 |
| 08288969 | DANFOSS, InC. | 5 IN DIN FLANGE GASKET | 08288969 | 1 | \$60.35 | 38\% | \$37.42 |
| 087N7255 | DANFOSS, InC. | BATTERY POWERED RM THERMSTAT | 087N7255 | 1 | \$303.19 | 38\% | \$187.98 |
| 088H3110 | danfoss, Inc. | ACT FOR RA VALVES NC 24vac | 088 H 3110 | 1 | \$183.48 | 38\% | \$113.76 |
| 088 H 3111 | DANFOSS, Inc. | ACT FOR RA VALVES No 24VAC | 088 H 3111 | 1 | \$183.48 | 38\% | \$113.76 |
| 19381507 | DANFOSS, Inc. | 2 In 3W NPT CV=46.8 MIX VLV | 19381507 | 1 | \$621.40 | 38\% | \$385.27 |
| 1931531 | danfoss, Inc. | $3 / 4 \mathrm{IN} 4 \mathrm{~W}$ NPT CV=4.7 MIX VLV | 19381531 | 1 | \$314.16 | 38\% | \$194.78 |
| 19381534 | DANFOSS, INC. | 1-1/4 IN 4W NPT CV $=18.7$ MIX | 19381534 | 1 | \$410.81 | 38\% | \$254.70 |
| 19381536 | DANFOSS, InC. | 2 IN 4W NPT CV=46.8 MIX VLV | 19361536 | 1 | \$734.34 | 38\% | \$455.29 |
| 19311600 | DANFOSS, InC. | FLT ACT 24V 96SEC 53 IN-LB | 19381600 | 1 | \$506.26 | 38\% | \$313.88 |
| 19381603 | DANFOSS, Inc. | FLT ACT 24V 965EC 53INLB AUX | 19381603 | 1 | \$586.51 | 38\% | \$363.64 |
| 01877655 | danfoss, inc. | $24 \mathrm{VAC}, 50 / 60 \mathrm{~Hz}$, COIL | 01877655 | 1 | \$107.00 | 38\% | \$66.34 |
| 01887658 | danfoss, inc. | 208/240 VAC, 60 Hz REPL COIL | $018 \mathrm{F7658}$ | 1 | \$118.00 | 38\% | \$73.16 |
| 01887663 | DANFOSS, INC. | $120 \mathrm{VAC}, 50 / 60 \mathrm{HZ}$, REPL COIL | 01877663 | 1 | \$118.00 | 38\% | \$73.16 |
| 032 L 1081 | DANFOSS, INC. | EV220B 50 EPDM REBUILD KIT | $032 \mathrm{U1081}$ | 1 | \$361.00 | 38\% | \$223.82 |
| 03206545 | DANFOSS, Inc. | 3/4in valve body | 03246545 | 1 | \$368.00 | 38\% | \$228.16 |
| 042N0154 | DANFOSS, Inc. | din Connector | 042N0154 | 1 | \$32.00 | 38\% | \$19.84 |
| EVSI-15-NC-120 | danfoss, inc. | 1/2in Solenoid valve nc 120VaC | 032U6532K2 | 1 | \$236.00 | 38\% | \$146.32 |
| EVSI-15-NC-24 | danfoss, Inc. | 1/2in Solenoid valve nc 24vac | 032U6532K1 | 1 | \$226.00 | 38\% | \$140.12 |
| EVSI-15-NC-240 | danfoss, inc. | 1/2in Solenoid valve 240VaC | 032U6532k3 | 1 | \$236.00 | 38\% | \$146.32 |
| EVSI-15-NO-120 | DANFOSS, INC. | 1/2in SOLENOID VALVE NO 120VAC | 032U6544K2 | 1 | \$314.00 | 38\% | \$194.68 |
| EVSI-15-No-24 | DANFOSS, InC. | 1/2in SOLENOID VALVE NO 24VAC | 032U6544K1 | 1 | \$314.00 | 38\% | \$194.68 |
| EVSI-15-NO-240 | DANFOSS, InC. | 1/2in SOLenoid valve No 240VaC | 032U6544K3 | 1 | \$314.00 | 38\% | \$194.68 |
| EVSI-20-NC-120 | DANFOSS, Inc. | 3/4in Solenoid valve nc 120VAC | 032U6533K2 | 1 | \$296.00 | 38\% | \$183.52 |
| EvSI-20-NC-24 | danfoss, Inc. | 3/4in Solenoid valve nc 24vac | 032U6533K1 | 1 | \$289.00 | 38\% | \$179.18 |
| EvSI-20-NC-240 | DANFOSS, Inc. | 3/4in Solenoid valve nc 24vVaC | 032U6533k3 | 1 | \$302.00 | 38\% | \$187.24 |
| EVSI-20-NO-120 | danfoss, inc. | 3/4in SOLENOID VALVE NO 120VAC | 032U6545K2 | 1 | \$369.00 | 38\% | \$228.78 |
| EVSI-20-NO-24 | DANFOSS, INC. | 3/4in SOLENOID VALVE NO 24VAC | 032U6545K1 | 1 | \$365.00 | 38\% | \$226.30 |
| EVSI-20-NO-240 | DANFOSS, InC. | 3/4in SOLENOID VALVE NO 24VVAC | 032U6545K3 | 1 | \$384.00 | 38\% | \$238.08 |
| EVSI-25-NC-120 | DANFOSS, InC. | Iin SOLenoid valve nc 120VAC | 032U6534K2 | 1 | \$430.00 | 38\% | \$266.60 |
| EVSI-25-NC-24 | DANFOSS, InC. | 1in Solenoid valve nc 24vac | 032U6534K1 | 1 | \$423.00 | 38\% | \$262.26 |
| EVSI-25-NC-240 | DANFOSS, Inc. | 1in Solenoid valve nc 240VAC | 032U6534K3 | 1 | \$430.00 | 38\% | \$266.60 |
| EVSI-25-NO-120 | DANFOSS, Inc. | Iin Solenoid valve No 120VAC | 032U6546K2 | 1 | \$515.00 | 38\% | \$319.30 |
| EvSI-25-NO-24 | DANFOSS, Inc. | I in Solenoid valve no 24VaC | 032U6546K1 | 1 | \$515.00 | 38\% | \$319.30 |
| EVSI-25-N0-240 | DANFOSS, INC. | 1in SOLENOID VALVE NO 240VAC | 032U6546K3 | 1 | \$515.00 | 38\% | \$319.30 |
| EVSI-32-NC-120 | DANFOSS, INC. | 1 1/4inSOLENOID VALVE NC 120VAC | 032U6535K2 | 1 | \$589.00 | 38\% | \$365.18 |
| EVSI-32-NC-24 | DANFOSS, InC. | 1 1/4in Solenoid valve nc 24VaC | 032U6535K1 | 1 | \$589.00 | 38\% | \$365.18 |
| EVSI-32-NC-240 | DANFOSS, InC. | 1 1/4insolenoid valve nc 24VVAC | 032U6535k3 | 1 | \$589.00 | 38\% | \$365.18 |
| EVSI-32-NO-120 | DANFOSS, Inc. | 1 1/4inSOLENOID VaLve No 120 V | 032U6547K2 | 1 | \$523.00 | 38\% | \$324.26 |
| EVSI-32-NO-24 | danfoss, Inc. | 11/4insolenoid valve no 24VaC | 032U6547K1 | 1 | \$532.00 | 38\% | \$329.84 |
| EVSI-32-N0-240 | DANFOSS, INC. | $11 / 4 \mathrm{in}$ SOLENOID VALVE NO 240VAC | $03246547 \times 3$ | 1 | \$532.00 | 38\% | \$329.84 |
| EVSI-40-NC-120 | DANFOSS, INC. | $11 / 2 \mathrm{inSOLENOID}$ VALVE NC 120VAC | 032U6536K2 | 1 | \$668.00 | 38\% | \$414.16 |
| EVSI-40-NC-24 | DANFOSS, INC. | 1 1/2in Solenoid valve nc 24VAC | 032U6536K1 | 1 | \$660.00 | 38\% | \$409.20 |
| EVSI-40-NC-240 | DANFOSS, InC. | $11 / 2 \mathrm{InSOLENOID}$ VALVE NC 24VVAC | 032U6536K3 | 1 | \$680.00 | 38\% | \$421.60 |
| EVSI-40-NO-120 | DANFOSS, Inc. | $11 / 2 \mathrm{InSOLENOID}$ VALVE NO 120VAC | 032U6548K2 | 1 | \$782.00 | 38\% | \$484.84 |
| EvSI-40-No-24 | danfoss, inc. | $11 / 2 \mathrm{insolenoid}$ valve no 24VaC | 032U6548K1 | 1 | \$782.00 | 38\% | \$484.84 |
| EVSI-40-NO-240 | DANFOSS, Inc. | 1 1/2insolenoid valle no 240VAC | 032U6548K3 | 1 | \$782.00 | 38\% | \$484.84 |
| EVSI-50-NC-120 | danfoss, inc. | 2in Solenoid valve nc 120VAC | 032U6537K2 | 1 | \$929.00 | 38\% | \$575.98 |
| EVSI-50-NC-24 | DANFOSS, INC. | 2in Solenoid valve nc 24vac | 032U6537K1 | 1 | \$918.00 | 38\% | \$569.16 |
| EVSI-50-NC-240 | DANFOSS, Inc. | 2in Solenoid valve NC 240VAC | 032U6537k3 | 1 | \$943.00 | 38\% | \$584.66 |
| EVSI-50-NO-120 | DANFOSS, InC. | 2in Solenoid valve No 120VAC | 032U6549K2 | 1 | \$1,010.00 | 38\% | \$626.20 |
| EVSI-50-No-24 | DANFOSS, InC. | 2in Solenoid valve no 24vac | 032U6549K1 | 1 | \$1,010.00 | 38\% | \$626.20 |
| EVSI-50-NO-240 | DANFOSS, INC. | 2in Solenoid valve no 240VAC | 0324654963 | 1 | \$1,010.00 | 38\% | \$626.20 |
| EVSI-MOM | DANFOSS, Inc. | manual override magnet | 018F0091 | 1 | \$247.00 | 38\% | \$153.14 |
| $084 \times 1007$ | DANFOSS, INC. | AK-HS1000 TEMP SENSOR | AK-HS1000 | 1 | \$421.00 | 38\% | \$261.02 |
| 20307-86 | DELTROL CONTROLS | 208VAC CoIl dpot relay | 20307-86 |  | \$58.19 | 38\% | \$36.08 |

The scope of this contract includes the following
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
. Interated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Monted HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
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Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance; and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs owers, water fountains, water heaters hot water tanks, garbage disposal
General Ductwork, Piping etc. shall not be obtained on these contract
Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not:
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A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.
B. To identify an individual(s)' location in the event of a fire or emergency.

|  |  |  | $\begin{gathered} \text { "Warranty Period - \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54^{"} \end{gathered}$ | Usis Price | \% discount | Nvs net Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 20307-87 | DELTROL CONTROLS 277VAC COIL DPDT RELAY | 20307-87 | 1 | \$50.27 | 38\% | \$31.17 |
| KE375T120VAC | DELTROL CONTROLS POWER RELAP,3PDT,120VAC | 2011-84 | 1 | \$50.23 | 38\% | \$31.14 |
| KE375T24VAC | deltrol controls Power relay,3PDT,24VAC | 21011-82 | 1 | \$50.27 | 38\% | \$31.17 |
| KE375T24VDC | DELTROL CONTROLS POER RELAY,3PDT,24VDC | 2101488 | 1 | \$48.28 | 38\% | \$29.93 |
| kegoodi20vac | DELTROL CONTROLS 30 AMP DPDT POWER RELAY | MGN2CAC120 (20241-83) | 1 | \$67.13 | 38\% | \$41.62 |
| KE900024VAC | DELTROL CONTROLS 30 AMP DPDT POWER RELAY | MGN2CAC24 (20241-82) | 1 | \$67.13 | 38\% | \$41.62 |
| KE900024VDC | DELTROL CONTROLS 30 AMP DPDT POWER RELAY | MGN2CDC24 (20245-82) | 1 | \$65.29 | 38\% | \$40.48 |
| kegoosi20vac | DELTROL CONTROLS 30 AMP SPDT POWER RELAY | 20239-83 | 1 | \$46.48 | 38\% | \$28.82 |
| kegoos24VaC | DELTROL CONTROLS 30 AMP SPDT POWER RELAY | 20239-82 | 1 | \$46.48 | 38\% | \$28.82 |
| KE900s24VDC | DELTROL CONTROLS 30 AMP SPDT POWER RELAY | 20243-82 | 1 | \$58.85 | 38\% | \$36.49 |
| 30-3003D-10 | DETECTOR ELECTRONICS CORP. XP SMOKE DETECTOR - 10 FOOT SAMPLING TUBE | 004785-003/004783-004 | 1 | \$16,036.43 | 38\% | \$9,942.59 |
| 30-3003D-3 | DETECTOR ELECTRONICS CORP. XP SMOKE DETECTOR - 3 FOOT SAMPLING TUBE | 004785-003/004783-002 | 1 | \$15,845.04 | 38\% | \$9,823.92 |
| 30-3003D-6 | DETECTOR ELECTRONICS CORP. XP SMOKE DETECTOR - 6 FOOT SAMPLING TUBE | 004785-003/004783-003 | 1 | \$16,036.43 | 38\% | \$9,942.59 |
| A31658-ND | digl-key Corporation Conn recept 5 POS 20A WG MTA156/RoHS COMPLIANT | A31658-ND (TYCO \#3-640600-5) | 1 | \$2.50 | 38\% | \$1.55 |
| P4525-ND | DIGI-KEY CORPORATION . 1 UF 5OV CAPACITOR | P4525-ND | 1 | \$0.85 | 38\% | \$0.53 |
| T935-P5P-ND | digl-key Corporation 5 VDC TRANSFORMER | T935-P5P-ND | 1 | \$45.00 | 38\% | \$27.90 |
| 3296W-200L-ND | dig-key Corporation 20 OHM Multi-turn pot rohs. | 3296W-200L-ND | 1 | \$12.16 | 38\% | \$7.54 |
| CLM-20 | digi-key Corporation 20 Ma Analog current limit | KELE BOM | 1 | \$36.00 | 38\% | \$22.32 |
| LM317T-ND | dig-key Corporation regulator | LM317-NS-ND | 1 | \$6.70 | 38\% | \$4.15 |
| SSW-104-01-T-D | digl-key Corporation $2 \times 4$ FEMALE CONNECTOR | SSW-104-01-T-D | 1 | \$7.42 | 38\% | \$4.60 |
| CAL-KIT-2 | digital control systems inc cd/kcd series calibration kit/2000 PpM gas | CAL KIT-2 | 1 | \$855.00 | 38\% | \$530.10 |
| CD-AD | digital control systems inc coz sensor duct 4-20Ma | 310E-D | 1 | \$534.00 | 38\% | \$331.08 |
| CD-AD-LCD | digital control systems inc coz sensor duct,4-20Ma LCD | 310E-L-D | 1 | \$615.00 | 38\% | \$381.30 |
| CD-AD-R | digital Control systems inc co2 sensor duct,4-20Ma RELAY | 310E-R-D | 1 | \$601.00 | 38\% | \$372.62 |
| CD-AD-R-LCD | digital control sYstems inc co2 Sens duct,4-20Ma LCD RELAY | 310E-R-L-D | 1 | \$667.00 | 38\% | \$413.54 |
| CD-AW | DIGITAL CONTROL SYSTEMS INC CO2 SENSOR 4-20Ma | 310 E | 1 | \$405.00 | 38\% | \$251.10 |
| CD-AW-LCD | DIGITAL CONTROL SYSTEMS INC CO2 SENSOR 4-20Ma LCD | 310E-L | 1 | \$500.00 | 38\% | \$310.00 |
| CD-AW-R | digital control systems inc co2 Sensor 4-20Ma ReLAY | 310E-R | 1 | \$463.00 | 38\% | \$287.06 |
| CD-AW-R-LCD | DIGITAL CONTROL SYSTEMS INC CO2 SENSOR 4-20Ma RELAY, LCD | $310 \mathrm{E}-\mathrm{R}$ - | 1 | \$552.00 | 38\% | \$342.24 |
| DUCT-KIT | digital control systems inc duct sampling kit for 310 E SERIES | DUCT-KIT | 1 | \$175.00 | 38\% | \$108.50 |
| KCD-D-A | digital Control systems inc cor sensor, duct, Ma out | KCD-D-A | 1 | \$362.00 | 38\% | \$224.44 |
| KCD-D-V | digital Control sYstems inc coz sensor, Duct, vdc out | KCD-D-V | 1 | \$317.00 | 38\% | \$196.54 |
| KCD-W-A | DIGITAL CONTROL SYSTEMS INC CO2 SENSOR, WALL, MA OUT | KCD-W-A | 1 | \$347.00 | 38\% | \$215.14 |
| KCD-W-v | DIGITAL CONTROL SYSTEMS INC CO2 SENSOR, WALL, VDC OUT | KCD-w-v | 1 | \$301.00 | 38\% | \$186.62 |
| KCO2-D-A | digital control systems inc coz sensor, 20MA OUT, duct | KCO2-D-A | 1 | \$526.00 | 38\% | \$326.12 |
| KCO2-D-A-A | digital control systems inc coz sensor, 20MA out, duct,buzzer | KCO2-D-A-A | 1 | \$543.00 | 38\% | \$336.66 |
| KCO2-D-A-A-CD | digital control systems inc co2 Sensor, 20MA out, duct, buzzer,LCD | KCO2-D-A-A-LCD | 1 | \$605.00 | 38\% | \$375.10 |
| KCO2-D-A-A-LCD-R | DIGItal Control sYstems inc coz sensor, 20MA OUT, duct,buzzer,LLD,RELAY | KCO2-D-A-A-LCD-R | 1 | \$632.00 | 38\% | \$391.84 |
| KCO2-D-A-A-R | digital Control sYstems inc coi sensor, 20MA OUT, duct,buzzer,relay | KCO2-D-A-A-R | 1 | \$570.00 | 38\% | \$353.40 |
| KCO2-D-A-LCD | DIGITAL CONTROL SYSTEMS INC CO2 SENSOR, 2OMA OUT, DUCT,LCD | KCO2-D-A-LCD | 1 | \$587.00 | 38\% | \$363.94 |
| KCO2-D-A-LCD-R | DIGITAL CONTROL SYSTEMS INC CO2 SENSOR, 20MA OUT, DUCT,LCD,RELAY | KCO2-D-A-LCD-R | 1 | \$615.00 | 38\% | \$381.30 |
| KCO2-D-A-R | DIGITAL CONTROL SYSTEMS INC CO2 SENSOR, 20MA OUT, DUCT,RELAY | KCO2-D-A-R | 1 | \$553.00 | 38\% | \$342.86 |
| KCO2-D-V | DIGITAL CONTROL SYSTEMS INC CO2 SENSOR, 10V OUT, DUCT | KCO2-D-V | 1 | \$473.00 | 38\% | \$293.26 |
| KCO2-D-V-A | digital control systems inc coz sensor, 10V OUT, duct,buzzer | KCO2-D-V-A | 1 | \$508.00 | 38\% | \$314.96 |
| KCO2-D-V-A-LCD | DIGItAL CONTROL SYSTEMS INC CO2 SENSOR, 10V OUT, DUCT, BUZZER,LCD | KCO2-D-V-A-LCD | 1 | \$570.00 | 38\% | \$353.40 |
| KCO2-D-V-A-LCD-R | digital control systems inc coz sensor, 10V OUT, DUCT,BUZZER,LCD,RELAY | KCO2-D-V-A-LCD-R | 1 | \$597.00 | 38\% | \$370.14 |
| KCO2-D-V-A-R | DIGITAL CONTROL SYSTEMS INC CO2 SENSOR, 1OV OUT, DUCT, BUZZER,RELAY | KCO2-D-V-A-R | 1 | \$536.00 | 38\% | \$332.32 |
| KCO2-D-V-LCD | DIGITAL CONTROL SYSTEMS INC CO2 SENSOR, 10V OUT, DUCT,LCD | KCO2-D-V-LCD | 1 | \$552.00 | 38\% | \$342.24 |
| KCO2-D-V-LCD-R | DIGITAL CONTROL SYSTEMS INC CO2 SENSOR, 10V OUT, DUCT,LCD,RELAY | KCO2-D-V-LCD-R | 1 | \$580.00 | 38\% | \$359.60 |
| KCO2-D-V-R | digital control systems inc coz Sensor, 10V OUT, dUCT, RELAY | KCO2-D-V-R | 1 | \$518.00 | 38\% | \$321.16 |
| KCO2-RH-D-A | digital control system inc coi/rh sensor, 20MA OUT, DUCT | KCO2-RH-D-A | 1 | \$671.00 | 38\% | \$416.02 |
| KCO2-RH-D-A-A | digital control systems inc Coz/RH SENSOR, 20MA out, duct,buzzer | KCO2-RH-D-A-A | 1 | \$689.00 | 38\% | \$427.18 |
| KCO2-RH-D-A-A-CD | digital control sYstems inc coi/rh sensor, zOMA out, duct,buzzer,LCD | KCO2-RH-D-A-A-LCD | 1 | \$641.00 | 38\% | \$397.42 |
| KCO2-RH-D-A-A-LCD-R | digital control systems inc coz/rH Sensor, zOMA out, duct,buzzer,LCD,RELAY | KCO2-RH-D-A-A-LCD-R | 1 | \$778.00 | 38\% | \$482.36 |
| KCO2-RH-D-A-A-R | DIGITAL CONTROL SYSTEMS INC CO2/RH SENSOR, 20MA OUT, DUCT,BUZZER,RELAY | KCO2-RH-D-A-A-R | 1 | \$716.00 | 38\% | \$443.92 |
| KCO2-RH-D-A-LCD | digital Control systems inc coi/rH SEnsor, 20MA out, Duct,LCD | KCO2-RH-D-A-LCD | 1 | \$733.00 | 38\% | \$454.46 |
| KCO2-RH-D-A-CD-R | DIGITAL CONTROL SYSTEMS INC CO2/RH SENSOR, 20MA OUT, DUCT,LCD,RELAY | KCO2-RH-D-A-CD-R | 1 | \$760.00 | 38\% | \$471.20 |
| KCO2-RH-D-A-R | digital Control systems inc co2/rh sensor, 20MA out, duct,relay | KCO2-RH-D-A-R | 1 | \$699.00 | 38\% | \$433.38 |
| KCO2-RH-D-V | digital Control systems inc coi/rh sensor, 10V OUT, duct | KCO2-RH-D-V | 1 | \$636.00 | 38\% | \$394.32 |
| KCO2-RH-D-V-A | digital Control systems inc coi/rh sensor, 10V OUT, duct,buzzer | KCO2-RH-D-V-A | 1 | \$654.00 | 38\% | \$405.48 |
| KCO2-RH-D-V-A-LCD | digital control systems inc coi/rh sensor, 10V out, duct,buzzer,LCD | KCO2-RH-D-V-A-LCD | 1 | \$715.00 | 38\% | \$443.30 |
| KCO2-RH-D-V-A-LCD-R | digital control systems inc coz/rH Sensor, 10V out, Duct,buzzer,LCD,RELAY | KCO2-RH-D-V-A-LCD-R | 1 | \$743.00 | 38\% | \$460.66 |
| KCO2-RH-D-V-A-R | digital control systems inc coz/rH SENSOR, 10V OUT, DUCT,BUZZER,RELAY | KCO2-RH-D-V-A-R | 1 | \$681.00 | 38\% | \$422.22 |
| KCO2-RH-D-V-LCD | DIGITAL CONTROL SYSTEMS INC CO2/RH SENSOR, 10V OUT, DUCT,LCD | KCO2-RH-D-V-LCD | 1 | \$698.00 | 38\% | \$432.76 |
| KCO2-RH-D-V-LCD-R | digital control systems inc Coz/RH SENSOR, 10V OUT, DUCT,LCD,RELAY | KCO2-RH-D-V-LCD-R | 1 | \$725.00 | 38\% | \$449.50 |
| KCO2-RH-D-V-R | DIGITAL CONTROL SYSTEMS INC CO2/RH SENSOR, 10V OUT, DUCT,RELAY | KCO2-RH-D-V-R | 1 | \$664.00 | 38\% | \$411.68 |
| KCO2-RH-W-A | digital control system inc coi/rH Sensor, 20MA out, wall | KCO2-RH-W-A | 1 | \$600.00 | 38\% | \$372.00 |
| KCO2-RH-W-A-A | DIGITAL CONTROL SYSTEMS INC CO2/RH SENSOR, 2OMA OUT, WALL, BUZZER | KCO2-RH-W-A-A | 1 | \$617.00 | 38\% | \$382.54 |
| KCO2-RH-W-A-A-LCD | digital Control systens inc coz/rH SEnsor, 20MA out, wall,Buzzer,LCD | KCO2-RH-W-A-A-LCD | 1 | \$679.00 | 38\% | \$420.98 |
| KCO2-RH-W-A-A-LCD-R | digital control systems inc coz/rH SENSOR, 2OMA out, wall,Buzzer,LCD,RELAY | KCO2-RH-W-A-A-LCD-R | 1 | \$706.00 | 38\% | \$437.72 |
| KCO2-RH-W-A-A-R | digital control systems inc co2/rh sensor, 20MA out, wall,buzzer,relay | KCO2-RH-W-A-A-R | 1 | \$645.00 | 38\% | \$399.90 |
| KCO2-RH-W-A-LCD | digital control systems inc coi/rh sensor, 20MA out, wall,LCD | KCO2-RH-W-A-LCD | 1 | \$661.00 | 38\% | \$409.82 |
| KCO2-RH-W-A-LCD-R | DIGITAL CONTROL SYSTEMS INC CO2/RH SENSOR, 20MA OUT, WALL,LCD,RELAY | KCO2-RH-W-A-LCD-R | 1 | \$688.00 | 38\% | \$426.56 |
| KCO2-RH-W-A-R | digital control systems inc coz/rh sensor, 20MA out, wall,relay | KCO2-RH-W-A-R | 1 | \$627.00 | 38\% | \$388.74 |
| KCO2-RH-w-v | DIGITAL CONTROL SYSTEMS INC CO2/RH SENSOR, 10V OUT, WALL | KCO2-RH-W-v | 1 | \$556.00 | 38\% | \$344.72 |
| KCO2-RH-W-V-A | digital control systems inc co2/rH SEnsor, 10V OUT, Wall,buzzer | KCO2-RH-W-V-A | 1 | \$582.00 | 38\% | \$360.84 |
| KCO2-RH-W-V-A-LCD | digital Control systems inc coi/rh sensor, 10V out, wall,buzzer,LCD | KCO2-RH-W-V-A-LCD | 1 | \$644.00 | 38\% | \$399.28 |
| KCO2-RH-W-V-A-LCD-R | digital control systems inc Coz/RH SENSOR, 10V OUT, WALL,BUZZER,LCD,RELAY | KCO2-RH-W-V-A-LCD-R | 1 | \$671.00 | 38\% | \$416.02 |
| KCO2-RH-W-V-A-R | digital control systems inc Coz/RH SENSOR, 10V OUT, WALL,BUZZER,RELAY | KCO2-RH-W-V-A-R | 1 | \$609.00 | 38\% | \$377.58 |
| KCO2-RH-W-V-LCD | DIGITAL CONTROL SYSTEMS INC CO2/RH SENSOR, 10V OUT, WALL,LCD | KCO2-RH-W-V-LCD | 1 | \$626.00 | 38\% | \$388.12 |
| KCO2-RH-W-V-LCD-R | digital control sYstems inc coz/RH SENSOR, 10V Out, wall,LCD,RELAY | KCO2-RH-W-V-LCD-R | 1 | \$653.00 | 38\% | \$404.86 |
| KCO2-RH-W-V-R | DIGITAL CONTROL SYSTEMS INC CO2/RH SENSOR, 10V OUT, WALL,RELAY | KCO2-RH-W-V-R | 1 | \$592.00 | 38\% | \$367.04 |
| KCO2-W-A | digital Control systems inc co2 Sensor, 20MA Out, WALL | KCO2-W-A | 1 | \$442.00 | 38\% | \$274.04 |
| KCO2-W-A-A | digital Control systems inc coz sensor, 20MA out, wall, ulzzer | KCO2-W-A-A | 1 | \$472.00 | 38\% | \$292.64 |
| KCO2-W-A-A-LCD | Digital Control systems inc co2 Sensor, 20MA Out, wall, BUZZER,LCD | KCO2-W-A-A-CD | 1 | \$533.00 | 38\% | \$330.46 |
| KCO2-W-A-A-LCD-R | digital Control sYstems inc coz sensor, 20MA out, wall,buzzer,LCD,RELAY | KCO2-W-A-A-LCD-R | 1 | \$561.00 | 38\% | \$347.82 |
| KCO2-W-A-A-R | digital Control sYstems inc coz sensor, 20MA out, wall,buzzer,reLAY | KCO2-W-A-A-R | 1 | \$499.00 | 38\% | \$309.38 |
| KCO2-W-A-LCD | Digital control systems inc co2 Sensor, 20MA out, wall, LCD | KCO2-W-A-LCD | 1 | \$508.00 | 38\% | \$314.96 |
| KCO2-W-A-LCD-R | DIGITAL CONTROL SYSTEMS INC CO2 SENSOR, 20MA OUT, WALL,LCD,RELAY | KCO2-W-A-LCD-R | 1 | \$543.00 | 38\% | \$336.66 |
| KCO2-W-A-R | DIGITAL CONTROL SYSTEMS INC CO2 SENSOR, 20MA OUT, WALL,RELAY | KCO2-W-A-R | 1 | \$482.00 | 38\% | \$298.84 |
| KCO2-W-v | DIGITAL CONTROL SYSTEMS INC CO2 SENSOR, 10V OUT, WALL | KCO2-w-v | 1 | \$413.00 | 38\% | \$256.06 |
| KCO2-W-V-A | digital control systems inc coz sensor, 10V OUT, Wall,buzzer | KCO2-W-V-A | 1 | \$437.00 | 38\% | \$270.94 |
| KCO2-W-V-A-LCD | DIGITAL Control systems inc coz sensor, 10V out, wall,buzzer,LCD | KCO2-W-V-A-LCD | 1 | \$498.00 | 38\% | \$308.76 |
| KCO2-W-V-A-LCD-R | DIGITAL CONTROL SYSTEMS INC CO2 SENSOR, 10V OUT, WALL,BUZZER,LCD,RELAY | KCO2-W-V-A-ACD-R | 1 | \$525.00 | 38\% | \$325.50 |
| KCO2-W-V-A-R | digital Control systems inc coz sensor, 10V Out, wall, BUZZER,RELAY | KCO2-W-V-A-R | 1 | \$464.00 | 38\% | \$287.68 |
| KCO2-W-V-LCD | DIGITAL CONTROL SYSTEMS INC CO2 SENSOR, 10V OUT, WALL,LCD | KCO2-W-V-LCD | 1 | \$473.00 | 38\% | \$293.26 |
| KCO2-W-V-LCD-R | DIGITAL CONTROL SYSTEMS INC CO2 SENSOR, 10V OUT, WALL,LCD,RELAY | KCO2-W-V-LCD-R | 1 | \$508.00 | 38\% | \$314.96 |
| KCO2W-V-R | DIGITAL CONTROL SYSTEMS INC CO2 SENSOR, 10V OUT, WALL, RELAY | KCO2W-V-R | 1 | \$446.00 | 38\% | \$276.52 |
| KCOC-CO2-D-A | digital control systems inc co/coz sensor, 20MA Out, DUCT | KCOC-CO2-D-A | 1 | \$782.00 | 38\% | \$484.84 |
| KCOC-CO2-D-A-A | digital Control systems inc co/coz sensor, 20MA out, duct, buzzer | KCOC-CO2-D-A-A | 1 | \$798.00 | 38\% | \$494.76 |
| KCOC-CO2-D-A-A-LCD | digital control systems inc co/co2 Sensor, zOMA out, duct,buzzer,LCD | KCOC-CO2-D-A-A-LCD | 1 | \$856.00 | 38\% | \$530.72 |
| KCOC-CO2-D-A-A-ACD-R | digital control systems inc co/co2 sensor, 20MA out, duct,buzzer,LCD,RELAY | KCOC-CO2-D-A-A-LCD-R | 1 | \$882.00 | 38\% | \$546.84 |
| KCOC-CO2-D-A-A-R | DIGITAL CONTROL SYSTEMS INC CO/CO2 SENSOR, 2OMA OUT, DUCT, , UZZZER,RELAY | KCOC-CO2-D-A-A-R | 1 | \$824.00 | 38\% | \$510.88 |
| KCOC-CO2-D-A-LCD | DIGITAL CONTROL SYSTEMS INC CO/CO2 SENSOR, 2OMA OUT, DUCT,LCD | KCOC-CO2-D-A-LCD | 1 | \$840.00 | 38\% | \$520.80 |
| KCOC-CO2-D-A-LCD-R | DIGITAL CONTROL SYSTEMS INC CO/CO2 SENSOR, 2OMA OUT, DUCT,LCD,RELAY | KCOC-CO2-D-A-LCD-R | 1 | \$865.00 | 38\% | \$536.30 |

The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Monted HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these
products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor ntrolled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pa


Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

As part of the and in conjunction wis contractor providing the aforementioned install systems

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, .
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Reoftop Units, boilers, air handlers, fan coil, wit ventibtor,
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
B. Audio-Video equirnent or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
. Iterated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc, which are Factory - Mouted HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor ontrolled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pane ( (AAP), and/or other similar device, which utilize cert (e.g. BCN , LonTalk, Modbus,


Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance; and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installatio, systems integration, or maintenace of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, wers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
B. Audio-Video equirment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| diel Number | facturer |  | $\begin{gathered} \text { "Warranty Period - \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54 \text { " } \end{gathered}$ | Lst Price | \% Discoum | Wrs Nel Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |
| KCOC-W-A-A | digital Control SYstems inc co sensor, 20MA OUT, WALL,BUZZER | KCOC-W-A-A | 1 | \$532.00 | 38\% | \$329.84 |
| KCOC-W-A-A-LCD | digital Control sYstems inc co sensor, 20MA OUt, Wall,Buzzer,LCD | KCOC-W-A-A-LCD | 1 | \$594.00 | 38\% | \$368.28 |
| KCOC-W-A-A-LCD-R | digital control systems inc cosensor, 20MA out, wall,Buzzer,LCD,RELAY | KCOC-W-A-A-LCD-R | 1 | \$620.00 | 38\% | \$384.40 |
| KCOC-W-A-A-R | digital control systems inc co sensor, 20MA out, wall,buzzer,relay | KCOC-W-A-A-R | 1 | \$557.00 | 38\% | \$345.34 |
| KCOC-W-A-LCD | DIGITAL CONTROL SYSTEMS INC CO SENSOR, 20MA OUT, WALL,LCD | KCOC-W-A-LCD | 1 | \$578.00 | 38\% | \$358.36 |
| KCOC-W-A-LCD-R | DIGITAL CONTROL SYSTEMS INC CO SENSOR, 2OMA OUT, WALL,LCD,RELAY | KCOC-W-A-LCD-R | 1 | \$599.00 | 38\% | \$371.38 |
| KCOC-W-A-R | digital control systems inc co sensor, 20MA out, wall,relay | KCOC-W-A-R | 1 | \$532.00 | 38\% | \$329.84 |
| kcoc-w-v | DIGITAL CONTROL SYSTEMS INC CO SENSOR, 10 V OUT, WALL | kcoc-w-v | 1 | \$459.00 | 38\% | \$284.58 |
| KCOC-W-V-A | digital control systems inc co sensor, 10V out, wall,buzzer | $\mathrm{KCOC}-\mathrm{W}-\mathrm{V}$ - | 1 | \$489.00 | 38\% | \$303.18 |
| KCOC-W-V-A-LCD | digital Control systems inc co sensor, 10V OUt, Wall,buzzer,LCD | KCOC-W-V-A-LCD | 1 | \$547.00 | 38\% | \$339.14 |
| KCOC-W-V-A-LCD-R | digital control systems inc co sensor, 10V out, wall,buzzer,LCD,RELAY | KCOC-W-V-A-LCD-R | 1 | \$573.00 | 38\% | \$355.26 |
| KCOC-W-V--A-R | digital control systems inc co sensor, 10V out, wall,buzzer,ReLAY | KCOC-W-V--A-R | 1 | \$515.00 | 38\% | \$319.30 |
| KCOC-W-V-LCD | DIgital Control systems inc co sensor, 10 V OUT, WALL,LCD | KCOC-W-V-VLCD | 1 | \$530.00 | 38\% | \$328.60 |
| KCOC-W-V-LCD-R | digital control systems inc co sensor, 10V out, wall,LCD,RELAY | KCOC-W-V-LCD-R | 1 | \$556.00 | 38\% | \$344.72 |
| kCOC-w-v-R | digital control systems inc co sensor, 10V out, wall,relay | Kcoc-w-v-r | 1 | \$498.00 | 38\% | \$308.76 |
| KCOP-CAL | digital control systems inc calibration kit for kcop series | KCOP-CAL | 1 | \$381.00 | 38\% | \$236.22 |
| KCOP-A-H | digital control systems inc co detector, analog, hinge cover | KCOP-A-H | 1 | \$482.00 | 38\% | \$298.84 |
| KCOP-A-H-LT | digital control systems inc co detector, Analog, hinge, low temp | KCOP-A-H-LT | 1 | \$520.00 | 38\% | \$322.40 |
| KCOP-A-S | digital control systems inc Co detector,Analog, SREW COV $^{\text {C }}$ | KCOP-A-S | 1 | \$498.00 | 38\% | \$308.76 |
| KсOP-A-S-LT | DIGITAL CONTROL SYSTEMS INC CO DETECTOR,ANALOG SCREW COV,LOWTEMP | KCOP-AS-ST | 1 | \$546.00 | 38\% | \$338.52 |
| KCOP-R-H-10PPM | DIGITAL CONTROL SYSTEMS INC CO DETECTOR, RELAY,HINGE, 10PPM | KCOP-R-H-10PPM | 1 | \$437.00 | 38\% | \$270.94 |
| KCOP-R-H-25PPM | digital control systems inc Co detector, RELAY,HINGE, 25PPM | KCOP-R-H-25PPM | 1 | \$434.00 | 38\% | \$269.08 |
| KCOP-R-H-50PPM | DIGITAL CONTROL SYSTEMS INC CO DETECTOR, RELAY,HINGE, 5OPPM | KCOP-R-H-50PPM | 1 | \$410.00 | 38\% | \$254.20 |
| KCOP-R-H-LT-10PPM | DIGITAL CONTROL SYSTEMS INC CO DETECTOR, RELAY,HINGE, 10PPM,LOTEMP | KCOP-R-H-LT-10PPM | 1 | \$478.00 | 38\% | \$296.36 |
| KCOP-R-H-LT-25PPM | DIGITAL CONTROL SYSTEMS INC CO DETECTOR, RELAY,HINGE, 25PPM,LOTEMP | KCOP-R-H-LT-25PPM | 1 | \$464.00 | 38\% | \$287.68 |
| KCOP-R-H-LT-SOPPM | DIGITAL CONTROL SYSTEMS INC CO DETECTOR, RELAY,HINGE, 5OPPM,LOTEMP | KCOP-R-H-LT-50PPM | 1 | \$450.00 | 38\% | \$279.00 |
| KCOP---S-10PPM | digital Control systems inc co detector, relay, screw cover, 10PPM | KCOP---S-10PPM | 1 | \$467.00 | 38\% | \$289.54 |
| KCOP-R-S-25PPM | digital control systems inc co detector, relay, screw cover, 25PPM | KCOP-R-S-25PPM | 1 | \$459.00 | 38\% | \$284.58 |
| KCOP---S-50PPM | digital control systems inc co detector, relay, screw cover, 50ppm | KCOP-R-S-50PPM | 1 | \$499.00 | 38\% | \$278.38 |
| KCOP-R-S-LT-10PPM | digital control systens inc co detector, relay, screw cov, 10PPM. LOTEMP | KCOP-R-S-LT-10PPM | 1 | \$529.00 | 38\% | \$327.98 |
| KCOP-R-S-LT-25PPM | digital control systems inc co detector, relay, screw cov, 25PPM,LOTEMP | KCOP-R-S-LT-25PPM | 1 | \$520.00 | 38\% | \$322.40 |
| KCOP-R-S-LT-50PPM | digital control system inc co detector, relay, screw cov, 50PPm,Lotemp | KCOP-R-S-LT-SOPPM | 1 | \$505.00 | 38\% | \$313.10 |
| KTS-134-CD | digital Control sYstems inc Co/rh/voc XMTR, 4-20MA OUT, DUCT | KTS-134-CD | 1 | \$1,079.00 | 38\% | \$668.98 |
| KTS-134-CD-LCD | DIGITAL CONTROL SYSTEMS INC CO/RH/VOC XMTR, 4-20MA OUT, DUCT,LCD | KTS-134-CD-LCD | 1 | \$1,132.00 | 38\% | \$701.84 |
| KTS-134-CD-LCD-R | DIGITAL CONTROL SYSTEMS INC CO/RH/VOC XMTR, 4-20MA OUT, D,LCD, RELAY | KTS-134-CD-LCD-R | 1 | \$1,156.00 | 38\% | \$716.72 |
| KTS-134-CD-R | DIGITAL CONTROL SYSTEMS INC CO/RH/VOC XMTR, 4-20MA OUT, DUCT,RELAY | KTS-134-CD-R | 1 | \$1,102.00 | 38\% | \$683.24 |
| kTS-134-CW | DIGITAL CONTROL SYSTEMS INC CO/RH/VOC XMTR, 4-20MA OUT, WALL | kTS-134-CW | 1 | \$1,036.00 | 38\% | \$642.32 |
| KTS-134-CW-LCD | DIGITAL CONTROL SYSTEMS INC CO/RH/VOC XMTR, 4-20MA OUT, WALL,LCD | KTS-134-CW-LCD | 1 | \$1,089.00 | 38\% | \$675.18 |
| KTS-134-CW-LCD-R | DIGITAL CONTROL SYSTEMS INC CO/RH/VOC XMTR, 4-20MA OUT, W, LCD,RELAY | KTS-134-CW-LCD-R | 1 | \$1,112.00 | 38\% | \$689.44 |
| KTS-134-CW-R | DIGITAL CONTROL SYSTEMS INC CO/RH/VOC XMTR, 4-2OMA OUT, WALL,RELAY | KTS-134-CW-R | 1 | \$1,059.00 | 38\% | \$656.58 |
| KTS-134-VD | digital control systems inc co/rh/voc xmtr, 10V OUT, DUCT | KTS-134-VD | 1 | \$1,036.00 | 38\% | \$642.32 |
| kTS-134-VD-LCD | DIGITAL CONTROL SYSTEMS INC CO/RH/VOC XMTR, 10V OUT, DUCT,LCD | KTS-134-VD-LCD | 1 | \$1,089.00 | 38\% | \$675.18 |
| KTS-134-VD-LCD-R | DIGITAL CONTROL SYSTEMS InC CO/RH/VOC XMTR, 10V OUT, D,LCD,RELAY | KTS-134-VD-LCD-R | 1 | \$1,112.00 | 38\% | \$689.44 |
| KTS-134-VD-R | digital Control systems inc co/rh/voc xmtr, 10V OUt, duct,relay | KTS-134-VD-R | 1 | \$1,059.00 | 38\% | \$656.58 |
| kTS-134-Ww | DIGITAL CONTROL SYSTEMS INC CO/RH/VOC XMTR, 10 V OUT, WALL | kTS-134-Ww | 1 | \$992.00 | 38\% | \$615.04 |
| KTS-134-WW-LCD | DIGITAL CONTROL SYSTEMS INC CO/RH/VOC XMTR, 10V OUT, WALL,LCD | KTS-134-WW-LCD | 1 | \$1,045.00 | 38\% | \$647.90 |
| KTS-134-WW-LCD-R | digital Control sYstems inc co/rh/voc xmtr, 10V Out, w,LCD,RELAY | KTS-134-WW-LCD-R | 1 | \$1,069.00 | 38\% | \$662.78 |
| kTS-134-WW-R | digital control systems inc co/rh/voc xmtr, 10V out, wall,relay | kTS-134-WW-R | 1 | \$1,016.00 | 38\% | \$629.92 |
| KTS-213-CD | DIGITAL CONTROL SYSTEMS INC CO2/CO/RH XMTR, 4-20MA OUT, DUCT | kTS-213-CD | 1 | \$864.00 | 38\% | \$535.68 |
| KTS-213-CD-LCD | DIGITAL CONTROL SYSTEMS INC CO2/CO/RH XMTR, 4-20MA OUT, DUCT,LCD | kTS-213-CD-LCD | 1 | \$916.00 | 38\% | \$567.92 |
| KTS-213-CD-LCD-R | DIGITAL CONTROL SYSTEMS InC CO2/CO/RH XMTR, 4-20MA OUT, D,LCD,RELAY | KTS-213-CD-LCD-R | 1 | \$939.00 | 38\% | \$582.18 |
| KTS-213-CD-R | DIGITAL CONTROL SYSTEMS INC CO2/CO/RH XMTR, 4-20MA OUT, DUCT,RELAY | KTS-213-CD-R | 1 | \$887.00 | 38\% | \$549.94 |
| KTS-213-CW | digital Control sYstems inc coz/co/rH XMTR, 4-20MA OUT, WALL | kTS-213-Cw | 1 | \$845.00 | 38\% | \$523.90 |
| KTS-213-CW-LCD | digital Control sYstems inc Coz/CO/RH XMTR, 4-20MA OUT, WALL,LCD | KTS-213-CW-LCD | 1 | \$874.00 | 38\% | \$541.88 |
| KTS-213-CW-LCD-R | DIGITAL CONTROL SYSTEMS INC CO2/CO/RH XMTR, 4-20MA OUT, W,LCD,RELAY | KTS-213-CW-LCD-R | 1 | \$897.00 | 38\% | \$556.14 |
| KTS-213-CW-R | DIGITAL CONTROL SYSTEMS INC CO2/CO/RH XMTR, 4-20MA OUT, WALL,RELAY | KTS-213-CW-R | 1 | \$869.00 | 38\% | \$538.78 |
| KTS-213-VD | DIGITAL CONTROL SYSTEMS INC CO2/CO/RH XMTR, 10V OUT, DUCT | kTS-213-vD | 1 | \$845.00 | 38\% | \$523.90 |
| KTS-213-VD-LCD | digital control systems inc Coz/Co/RH XMTR, 10V OUT, DUCT,LCD | kTs-213-VD-LCD | 1 | \$874.00 | 38\% | \$541.88 |
| KTS-213-VD-LCD-R | DIGITAL CONTROL SYSTEMS INC CO2/CO/RH XMTR, 10V OUT, D,LCD,RELAY | KTS-213-VD-LCD-R | 1 | \$897.00 | 38\% | \$556.14 |
| KTS-213-VD-R | digital control systems inc Co2/Co/RH XMTr, 10V OUT, DUCT,RELAY | KTS-213-VD-R | 1 | \$869.00 | 38\% | \$538.78 |
| KTS-213-ww | digital control systems inc coi/co/rh XMTR, 10V OUT, Wall | kTS-213-ww | 1 | \$802.00 | 38\% | \$497.24 |
| KTS-213-WW-LCD | digital control sYstems inc coi/co/rh XMTR, 10V OUT, WALL,LCD | KTS-213-WW-LCD | 1 | \$855.00 | 38\% | \$530.10 |
| KTS-213-WW-LCD-R | digital Control sYstems inc coi/co/RH XMTR, 10V Out, w,LCD,RELAY | KTS-213-WW-LCD-R | 1 | \$805.77 | 38\% | \$499.58 |
| KTS-213-WW-R | DIGITAL CONTROL SYSTEMS InC CO2/CO/RH XMTR, 10V OUT, WALL,RELAY | KTS-213-WW-R | 1 | \$826.00 | 38\% | \$512.12 |
| KTS-234-CD | digital control systems inc Co2/RH/VOC XMTR, 4-20MA OUT, DUCT | kTS-234-CD | 1 | \$923.00 | 38\% | \$572.26 |
| KTS-234-CD-LCD | DIGITAL CONTROL SYSTEMS InC CO2/RH/VOC XMTR, 4-20MA OUT, DUCT,LCD | KTS-234-CD-LCD | 1 | \$975.00 | 38\% | \$604.50 |
| KTS-234-CD-LCD-R | digital Control SYstems inc coz/rh/VOC XMTR, 4-20MA OUt, d,LCD,RELAY | KTS-234-CD-LCD-R | 1 | \$998.00 | 38\% | \$618.76 |
| KTS-234-CD-R | digital Control sYstems inc coi/rh/voc XmTr, 4-20MA OUT, duct,relay | KTS-234-CD-R | 1 | \$946.00 | 38\% | \$586.52 |
| kTS-234-CW | digital control systems inc coi/rh/voc xMtr, 4-20MA OUT, wall | kTS-234-cw | 1 | \$881.00 | 38\% | \$546.22 |
| KTS-234-CW-LCD | Digital control sYstems inc Co2/RH/VOC XMTR, 4-20MA OUT, WALL,LCD | KTS-234-CW-LCD | 1 | \$933.00 | 38\% | \$578.46 |
| KTS-234-CW-LCD-R | digital Control systens inc coi/rh/voc xmTr, 4-20MA OUT, w,LCD,RELAY | KTS-234-CW-LCD-R | 1 | \$956.00 | 38\% | \$592.72 |
| KTS-234-CW-R | digital Control sYstems inc coz/rh/voc XmTr, 4-20MA OUt, Wall,relay | KTS-234-CW-R | 1 | \$904.00 | 38\% | \$560.48 |
| KTS-234-VD | DIGITAL CONTROL SYSTEMS INC CO2/RH/VOC XMTR, 10V OUT, DUCT | KTS-234-VD | 1 | \$1,010.00 | 38\% | \$626.20 |
| KTS-234-VD-LCD-R | digital control systems inc Coz/rH/VOC XMTR, 10V OUT, D,LCD,RELAY | KTS-234-VD-LCD-R | 1 | \$956.00 | 38\% | \$592.72 |
| KTS-234-VD-R | digital Control sYstems inc coi/rh/voc XMTR, 10V OUT, duct,reLAY | KTS-234-VD-R | 1 | \$904.00 | 38\% | \$560.48 |
| kTs-23--Ww | digital control systems inc Coz/RH/VOC XMTR, 10V OUT, Wall | kTS-23--Ww | 1 | \$863.00 | 38\% | \$535.06 |
| KTS-234-WW-LCD | Digital control systems inc Coz/RH/VOC XMTR, 10V OUT, wall,LCD | KTS-234-WW-LCD | 1 | \$891.00 | 38\% | \$552.42 |
| KTS-234-WW-LCD-R | digital Control systems inc Co2/RH/VOC XMTR, 10V OUt, w,LLD,RELAY | KTS-234-WW-LCD-R | 1 | \$914.00 | 38\% | \$566.68 |
| KTS-234-WW-R | DIGITAL CONTROL SYSTEMS INC CO2/RH/VOC XMTR, 10V OUT, WALL,RELAY | KTS-234-WW-R | 1 | \$862.00 | 38\% | \$534.44 |
| DTK-120SR | Ditek CRITICAL LOAD SURGE PROTECTOR, 120VAC In-LINE | DTK-120SR | 1 | \$89.20 | 38\% | \$55.30 |
| DTK-1LVLPLV | DITEK 1 PAIR 30V TERMINAL STRIP SURGE PROTECTION | DTK-1LVLPLV | 1 | \$89.00 | 38\% | \$55.18 |
| DTK-1VLLPX | DITEK 1 PAIR 14V TERMINAL STRIP SURGE PROTECTION | DTK-1VLLPX | 1 | \$89.00 | 38\% | \$55.18 |
| DTK-2MHLPP4B | ditek 24 VOLT SURGE PROTECTOR, NO BASE | DTK-2MHLPP24 | 1 | \$147.00 | 38\% | \$91.14 |
| DTK-2MHLP36BWB | DITEK SURGE PROTECTOR, 36VDC, WITH BASE | DTK-2MHLP36BWB | 1 | \$167.00 | 38\% | \$103.54 |
| DTK-3M | DITEK BASE FOR (3) 2MHLP MODULLES W/COMMON GROUND | DTK-3MB | 1 | \$181.00 | 38\% | \$112.22 |
| DTK-CMHWMOUNTLG | DITEK LARGE MOUNTING BRACKET FOR DTK-120WH | DTK-CMHWMOUNTLG | 1 | \$23.00 | 38\% | \$14.26 |
| DTK-CMHWMOUNTSM | DITEK MOUNTING BRACKET with LOCK NUT FOR DTK-120HW SERIES | DTK-CMHWMOUNTSM | 1 | \$17.74 | 38\% | \$11.00 |
| DTK-DRK | DITEK din rail mounting kit for dtk-2MLHP | DTK-DRK | 1 | \$33.00 | 38\% | \$20.46 |
| DTK-MR/45C5E | ditek Ethernet surge protection/R45 Connection | DTK-MR/45C5E | 1 | \$174.00 | 38\% | \$107.88 |
| 33-050-17 | Dongan electric mfg co Control $\times$ XPMR,208V:120V,50VA | 33-050-17 | 1 | \$129.53 | 38\% | \$80.31 |
| 33-050-18 | DONGAN ELLECTRIC MFG Co Control transformer 208:24 | 33-050-18 | 1 | \$132.06 | 38\% | \$81.88 |
| 33-050-82 | DONGAN ELLECTRIC MFG CO CONTROL XFMR,277V: 120V,50VA | 33-050-82 | 1 | \$122.89 | 38\% | \$76.19 |
| 33-050-HLK | DONGAN ELLCTRIC MFG CO CONTROL XFORMER 240X480:24 | 33-050-HLK | 1 | \$132.06 | 38\% | \$81.88 |
| 33-050-k | DONGAN ELECTRIC MFG CO CONTROL XFMR, 120:24V, 50VA | 33-050-k | 1 | \$129.53 | 38\% | \$80.31 |
| 33-050-PM | DONGAN ELLCCTRIC MFG CO CONTROL XFMR,480/240V:120V50VA | 33-050-PM | 1 | \$125.17 | 38\% | \$77.61 |
| 33-100-17 | dongan Electric mfg co Control $x$ PMR,208v:120V,100va | 33-100-17 | 1 | \$162.54 | 38\% | \$100.77 |
| 33-100-26 | DONGAN ELECTRIC MFG CO CONTROL TRANSFORMER 277:24 | 33-100-26 | 1 | \$174.00 | 38\% | \$107.88 |
| 33-100-82 | DONGAN ELECTRIC MFG CO CONTROL XFMR,277V:120V,100VA | 33-100-82 | 1 | \$154.06 | 38\% | \$95.52 |
| 33-100-k | DONGAN ELECTRIC MFG Co 100VA 120:24 CONTROL TRANSFORM | 33-100-K | 1 | \$160.00 | 38\% | \$99.20 |
| 33-100-PM | DONGAN ELECTRIC MFG CO CONTROL XFR,480/240V:120V100VA | 33-100-PM | 1 | \$158.87 | 38\% | \$98.50 |
| 35-M020 | DONGAN ELECTRIC MFG CO 250VA TRANSFORMER 120:240 | 35-M020 | 1 | \$303.00 | 38\% | \$187.86 |
| 160-12 | DWYER INSTRUMENTS INC 12in PITOT TUBE | 160-12 | 1 | \$146.00 | 38\% | \$90.52 |
| 160-18 | DWYER INSTRUMENTS INC 18in PITOT TUBE | 160-18 | 1 | \$159.00 | 38\% | \$98.58 |
| 160-24 | DWYER Instruments inc 24in Pitot tube | 160-24 | 1 | \$168.00 | 38\% | \$104.16 |
| 160-36 | DWYER INSTRUMENTS INC 36in PITOT TUBE | 160-36 | 1 | \$183.60 | 38\% | \$113.83 |

The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Inctalled], Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor ontrolled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certan ens (e.g. BACNet, LonTalk, Modbus, arm system allows for monitoring of all of these systems by the authoized

Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance; and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or mainten te of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtub Wers, water fountains, water heaters hot water tanks, garbage disposal
General Ductwork, Piping, etc. shall not be obtained on these contracts
Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not:
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any oher purposes, including, but not limited to
A. General Purpose IT, Telecommumications, Networking Cabling, Fiber Optics (e.g. phone, pbx, digital centrex, digital key systems, television, cable, T-Line, general broadband,
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc.).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Inctled] Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor
 platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance; and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or mainten

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtub wers, water fountains, water heaters hot water tanks, garbage disposal
General Ductwork, Piping etc. shall not be obtained on these contract
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not:
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose IT, Telecommunications, Networking Cabing, Fiber Optics (e.g. phone, pbx, digital centrex, digital key systems, television, cable, T-Line, general broadband,
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc.).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Inctled] Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor ontrolled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Paik (eand/or other similar device, which utiize cerli. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or mainten

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, wers, water fountains, water heaters hot water tanks, garbage disposal
General Ductwork, Piping, etc. shall not be obtained on these contracts
Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not:
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens Displays, etc.)

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

|  | wer | duct Descripition |  | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54 " | Lst Pice | \% Discount | NVS Net Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| RHP-3D1E | DWYER INSTRUMENTS INC | DUCT RH/TEMP XMITER 3\% 4-20MA PT1000RTD DIN385 | RHP-3D1E | 1 | \$287.00 | 38\% | \$177.94 |
| RHP-3D1E-LCD | DWYER InStruments inc | DUCT RH/TEMP XMITER 3\% 4-20MA PT1000RTD DIN385LCD | RHP-3D1E-LCD | 1 | \$416.00 | 38\% | \$257.92 |
| RHP-3D1F | DWYER InSTRUMENTS INC | DUCT RH/TEMP XMITER 3\% 4-20MA 20k 25C THERM | RHP-3D1F | 1 | \$285.00 | 38\% | \$176.70 |
| RHP-3D1F-LCD | DWYER InStruments inc | DUCT RH/TEMP XMITER 3\% 4-20MA 20K 25 C THERM, LCD | RHP-3D1F-LCD | 1 | \$414.00 | 38\% | \$256.68 |
| RHP-3D20 | DWYER InStruments inc | DUCT RH XMITER 3\% 0-10VDC | RHP-3D20 | 1 | \$246.00 | 38\% | \$152.52 |
| RHP-3D20-LCD | DWYER InStruments inc | DUCT RH XMITER 3\% 0-10VDC, LCD | RHP-3D20-LCD | 1 | \$375.00 | 38\% | \$232.50 |
| RHP-3D22 | DWYER InStruments inc | DUCT RH/TEMP XMITER 3\% DUAL 0-10VDC | RHP-3D22 | 1 | \$297.95 | 38\% | \$184.73 |
| RHP-3D22-LCD | DWYER InStruments inc | DUCT RH/TEMP XMITER 3\% DUAL 0-10VDC LCD | RHP-3D22-LCD | 1 | \$426.94 | 38\% | \$264.70 |
| RHP-3D2A | DWYER InSTRUMENTS INC | DUCT RH/TEMP XMITER 3\% 0 -10VDC, 10 K III | RHP-3D2A | 1 | \$285.00 | 38\% | \$176.70 |
| RHP-3D2A-LCD | DWYER Instruments inc | DUCT RH/TEMP XMITER 3\% 0-10VDC, 10 K III LCD | RHP-3D2A-LCD | 1 | \$414.00 | 38\% | \$256.68 |
| RHP-3D2B | DWYER InStruments inc | DUCT RH/TEMP XMITER 3\% 0-10VDC 10 K II | RHP-3D2B | 1 | \$285.00 | 38\% | \$176.70 |
| RHP-3D2B-LCD | DWYER InSTRUMENTS INC | DUCT RH/TTMP XMITER 3\% 0-10VDC 10K II, LCD | RHP-3D2B-LCD | 1 | \$414.00 | 38\% | \$256.68 |
| RHP-3D2C | DWYER InStruments inc | DUCT RH/TEMP XMITER 3\% 0-10VDC 3K 25C THERM | RHP-3D2C | 1 | \$287.00 | 38\% | \$177.94 |
| RHP-3D2C-LCD | DWYER InStruments inc | DUCT RH/TEMP XMITER 3\% 0-10VDC 3K 25C THERM, LCD | RHP-3D2C-LCD | 1 | \$416.00 | 38\% | \$257.92 |
| RHP-3D2D | DWYER INSTRUMENTS INC | DUCT RH/TEMP XMITER 3\% 0-10VDC PT100RTD DIN385 | RHP-3D2D | 1 | \$287.00 | 38\% | \$177.94 |
| RHP-3D2D-LCD | DWYER InStruments inc | DUCT RH/TEMP XMITER 3\% 0-10VDC PT100RTD DIN385LCD | RHP-3D2D-LCD | 1 | \$416.00 | 38\% | \$257.92 |
| RHP-3D2E | dWYER Instruments inc | DUCT RH/TEMP XMITER 3\% 0-10VDC PT1000RTD DIN385 | RHP-3D2E | 1 | \$287.00 | 38\% | \$177.94 |
| RHP-3D2E-LCD | DWYER InStruments inc | DUCT RH/TEMP XMITER 3\% 0-10VDC PT1000RTD DIN385LCD | RHP-3D2E-LCD | 1 | \$416.00 | 38\% | \$257.92 |
| RHP-3D2F | DWYER InStruments inc | DUCT RH/TEMP XMITER 3\% 0-10VDC 20 K 25 C THERM | RHP-3D2F | 1 | \$285.00 | 38\% | \$176.70 |
| RHP-3D2F-LCD | DWYER InStruments inc | DUCT RH/TEMP XMITER 3\% 0-10VDC 20\% 25C THERM, LCD | RHP-3D2F-LCD | 1 | \$414.00 | 38\% | \$256.68 |
| RHP-3D30 | DWYER Instruments inc | DUCT RH XMITER 3\% 0-5VDC | RHP-3D30 | 1 | \$246.00 | 38\% | \$152.52 |
| RHP-3D30-LCD | DWYER InStruments inc | DUCT RH XMITER 3\% 0-5VDC, LCD | RHP-3D30-LCD | 1 | \$375.00 | 38\% | \$232.50 |
| RHP-3D33 | DWYER InStruments inc | DUCT RH/TEMP XMITER 3\% DUAL 0-5VDCS | RHP-3D33 | 1 | \$297.95 | 38\% | \$184.73 |
| RHP-3D33-LCD | DWYER InSTRUMENTS INC | DUCT RH/TEMP XMITER 3\% DUAL 0-5VDCS LCD | RHP-3D33-LCD | 1 | \$426.94 | 38\% | \$264.70 |
| RHP-3D3A | DWYER Instruments inc | DUCT RH/TEMP XMITER 3\% 0-SVDC 10K III | RHP-3D3A | 1 | \$285.00 | 38\% | \$176.70 |
| RHP-3D3A-LCD | DWYER InStruments inc | DUCT RH/TEMP XMITER 3\% 0-SVDC 10 K III LCD | RHP-3D3A-LCD | 1 | \$414.00 | 38\% | \$256.68 |
| RHP-303в | DWYER InSTRUMENTS INC | DUCT RH/TEMP XMITER 3\% 0-5VDC 10K II | RHP-3D3B | 1 | \$285.00 | 38\% | \$176.70 |
| RHP-3D3B-LCD | DWYER Instruments inc | DUCT RH/TEMP XMITER 3\% 0-SVDC 10K II, LCD | RHP-3D3B-LCD | 1 | \$414.00 | 38\% | \$256.68 |
| RHP-3D3C | DWYER INSTRUMENTS INC | DUCT RH/TEMP XMITER 3\% 0-5VDC 3K 25C THERM | RHP-3D3C | 1 | \$287.00 | 38\% | \$177.94 |
| RHP-3D3C-LCD | DWYER INSTRUMENTS INC | DUCT RH/TEMP XMITER 3\% 0-5VDC 3K 25C THERM, LCD | RHP-3D3C-LCD | 1 | \$416.00 | 38\% | \$257.92 |
| RHP-3D3D | DWYER InStruments inc | DUCT RH/TEMP XMITER 3\% 0-5VDC PT100RTD DIN385 | RHP-3D3D | 1 | \$287.00 | 38\% | \$177.94 |
| RHP-3D3D-LCD | dWYER Instruments inc | DUCT RH/TEMP XMITER 3\% 0 -5VDC PT100RTD DIN385LCD | RHP-3D3D-LCD | 1 | \$416.00 | 38\% | \$257.92 |
| RHP-3D3E | DWYER InSTRUMENTS INC | DUCT RH/TEMP XMITER 3\% 0-5VDC PT1000RTD DIN385 | RHP-3D3E | 1 | \$287.00 | 38\% | \$177.94 |
| RHP-3D3E-LCD | DWYER InStruments inc | DUCT RH/TEMP XMITER 3\% 0-5VDC PT 1000RTD DIN385LCD | RHP-3D3E-LCD | 1 | \$416.00 | 38\% | \$257.92 |
| RHP-3D3F | dWYER Instruments inc | DUCT RH/TEMP XMITER 3\% 0-5VDC 20k 25C THERM | RHP-3D3F | 1 | \$285.00 | 38\% | \$176.70 |
| RHP-3D3F-LCD | DWYER InSTRUMENTS INC | DUCT RH/TEMP XMITER 3\% 0-5VDC 20K 25C THERM, LCD | RHP-3D3F-LCD | 1 | \$414.00 | 38\% | \$256.68 |
| RHP-3010 | DWYER InStruments inc | OSA RH XMITER 3\% 4-20MA OUT | RHP-3010 | 1 | \$263.00 | 38\% | \$163.06 |
| RHP-3011 | dWYER Instruments inc | OSA RH/TEMP XMITER 3\% DUAL 4-20MA OUT | RHP-3011 | 1 | \$316.17 | 38\% | \$196.03 |
| RHP-301A | DWYER InStruments inc | OSA RH/TEMP XMITER 3\% 4-20MA,10K III | RHP-301A | 1 | \$303.00 | 38\% | \$187.86 |
| RHP-301B | DWYER InStruments inc | OSA RH/TEMP XMITER 3\% 4-20MA 10K II | RHP-301B | 1 | \$303.00 | 38\% | \$187.86 |
| RHP-301C | DWYER InStruments inc | OSA RH/TEMP XMITER 3\% 4-20MA ЗК 25C THERM | RHP-301C | 1 | \$305.00 | 38\% | \$189.10 |
| RHP-301D | DWYER INSTRUMENTS INC | OSA RH/TEMP XMITER 3\% 4-20MA PT100RTD DIN385 | RHP-301D | 1 | \$305.00 | 38\% | \$189.10 |
| RHP-301E | DWYER INSTRUMENTS INC | OSA RH/TEMP XMITER 3\% 4-20MA PT1000RTD DIN385 | RHP-301E | 1 | \$305.00 | 38\% | \$189.10 |
| RHP-301F | DWYER InStruments inc | OSA RH/TEMP XMITER 3\% 4-20MA 20K 25C THERM | RHP-301F | 1 | \$303.00 | 38\% | \$187.86 |
| RHP-3020 | DWYER InSTRUMENTS INC | OSA RH XMITER 3\% 0-10VDC | RHP-3020 | 1 | \$263.00 | 38\% | \$163.06 |
| RHP-3022 | DWYER Instruments inc | OSA RH/TEMP XMITER 3\% DUAL 0-10VDC | RHP-3022 | 1 | \$316.17 | 38\% | \$196.03 |
| RHP-302A | DWYER InStruments inc | OSA RH/TEMP XMITER 3\% 0-10VDC, 10K III | RHP-302A | 1 | \$303.00 | 38\% | \$187.86 |
| RHP-3028 | DWYER InSTRUMENTS INC | OSA RH/TEMP XMITER 3\% 0-10VDC 10K II | RHP-302B | 1 | \$303.00 | 38\% | \$187.86 |
| RHP-302C | DWYER InStruments inc | OSA RH/TEMP XMITER 3\% 0-10VDC 3 K 25 C THERM | RHP-302C | 1 | \$305.00 | 38\% | \$189.10 |
| RHP-302D | DWYER INSTRUMENTS INC | OSA RH/TEMP XMITER 3\% 0-10VDC PT100RTD DIN385 | RHP-302D | 1 | \$305.00 | 38\% | \$189.10 |
| RHP-302E | DWYER INSTRUMENTS INC | OSA RH/TEMP XMITER 3\% 0-10VDC PT1000RTD DIN385 | RHP-302E | 1 | \$305.00 | 38\% | \$189.10 |
| RHP-302F | DWYER InStruments inc | OSA RH/TEMP XMITER 3\% 0-10VDC 20k 25C THERM | RHP-302F | 1 | \$303.00 | 38\% | \$187.86 |
| RHP-3030 | dWYER Instruments inc | OSA RH XMITER 3\% 0-SVDC | RHP-3030 | 1 | \$263.00 | 38\% | \$163.06 |
| RHP-3033 | DWYER InStruments inc | OSA RH/TEMP XMITER 3\% DUAL 0 -5VDCS | RHP-3033 | 1 | \$316.17 | 38\% | \$196.03 |
| RHP-303A | DWYER InStruments inc | OSA RH/TEMP XMITER 3\% 0-5VDC 10K iII | RHP-303A | 1 | \$303.00 | 38\% | \$187.86 |
| RHP-зозв | DWYER InStruments inc | OSA RH/TEMP XMITER 3\% 0-5VDC 10K II | RHP-зозв | 1 | \$303.00 | 38\% | \$187.86 |
| RHP-303C | DWYER INSTRUMENTS INC | OSA RH/TEMP XMITER 3\% 0-5VDC 3K 25C THERM | RHP-303C | 1 | \$305.00 | 38\% | \$189.10 |
| RHP-303D | DWYER INSTRUMENTS INC | OSA RH/TEMP XMITER 3\% 0-5VDC PT100RTD DIN385 | RHP-303D | 1 | \$305.00 | 38\% | \$189.10 |
| RHP-303E | DWYER InStruments inc | OSA RH/TEMP XMITER 3\% 0-5VDC PT1000RTD din 385 | RHP-303E | 1 | \$305.00 | 38\% | \$189.10 |
| RHP-303F | DWYER InSTRUMENTS INC | OSA RH/TEMP XMITER 3\% 0-5VDC 20K 25C THERM | RHP-303F | 1 | \$303.00 | 38\% | \$187.86 |
| RHP-3R10 | DWYER Instruments inc | OSA W/ Radiation Shield rh xmiter 3\% 4-20MA out | RHP-3R10 | 1 | \$408.00 | 38\% | \$252.96 |
| RHP-3R11 | DWYER InStruments inc | OSA W/RS RH/TEMP XMITER 3\% DUAL 4-20MA OUT | RHP-3R11 | 1 | \$452.94 | 38\% | \$280.82 |
| RHP-3R1A | DWYER Instruments inc | OSA W/RS RH/TEMP XMITER 3\% 4-20MA,10K III | RHP-3R1A | 1 | \$440.00 | 38\% | \$272.80 |
| RHP-3R1B | DWYER InStruments inc | OSA W/RS RH/TEMP XMITER 3\% 4-20MA 10K II | RHP-3R1B | 1 | \$440.00 | 38\% | \$272.80 |
| RHP-3R1C | DWYER Instruments inc | OSA W/RS RH/TEMP XMITER 3\% 4-20MA 3K 25C THERM | RHP-3R1C | 1 | \$442.00 | 38\% | \$274.04 |
| RHP-3R1D | DWYER InStruments inc | OSA W/RS RH/TEMP XMITER 3\% 4-20MA PT100RTD DIN385 | RHP-3R1D | 1 | \$442.00 | 38\% | \$274.04 |
| RHP-3R1E | DWYER Instruments inc | OSA W/RS RH/TEMP XMITER 3\% 4-20MA PT1000RTD DIN385 | RHP-3R1E | 1 | \$442.00 | 38\% | \$274.04 |
| RHP-3R1F | DWYER InStruments inc | OSA W/RS RH/TEMP XMITER 3\% 4-20MA 20K 25C THERM | RHP-3R1F | 1 | \$440.00 | 38\% | \$272.80 |
| RHP-3R20 | DWYER InSTRUMENTS INC | OSA W/RS RH XMITER 3\% 0-10VDC | RHP-3R20 | 1 | \$408.00 | 38\% | \$252.96 |
| RHP-3R22 | dWYER Instruments inc | OSA W/RS RH/TEMP XMITER 3\% DUAL 0-10VDC | RHP-3R22 | 1 | \$452.94 | 38\% | \$280.82 |
| RHP-3R2A | DWYER Instruments inc | OSA W/RS RH/TEMP XMITER 3\% 0-10VDC, 10 K III | RHP-3R2A | 1 | \$440.00 | 38\% | \$272.80 |
| RHP-3R2B | DWYER InStruments inc | OSA W/RS RH/TEMP XMITER 3\% 0-10VDC 10K II | RHP-3R2B | 1 | \$440.00 | 38\% | \$272.80 |
| RHP-3R2C | DWYER InSTRUMENTS INC | OSA W/RS RH/TEMP XMITER 3\% 0-10VDC 3K 25C THERM | RHP-3R2C | 1 | \$442.00 | 38\% | \$274.04 |
| RHP-3R2D | DWYER Instruments inc | OSA W/RS RH/TEMP XMITER 3\% 0-10VDC PT100RTD DIN385 | RHP-3R2D | 1 | \$442.00 | 38\% | \$274.04 |
| RHP-3R2E | DWYER InStruments inc | OSA W/RS RH/TEMP XMITTER3\% 0-10VDC PT1000RTD DIN385 | RHP-3R2E | 1 | \$442.00 | 38\% | \$274.04 |
| RHP-3R2F | DWYER InSTRUMENTS INC | OSA W/RS RH/TEMP XMITER 3\% 0-10VDC 20K 25C THERM | RHP-3R2F | 1 | \$440.00 | 38\% | \$272.80 |
| RHP-3R30 | dWYER Instruments inc | OSA W/RS RH XMITER 3\% 0-5VDC | RHP-3R30 | 1 | \$408.00 | 38\% | \$252.96 |
| RHP-3R33 | dWYer instruments inc | OSA W/RS RH/TEMP XMITER 3\% DUAL 0-5VDCS | RHP-3R33 | 1 | \$452.94 | 38\% | \$280.82 |
| RHP-3R3A | DWYER INSTRUMENTS INC | OSA W/RS RH/TEMP XMITER 3\% 0-5VDC 10K III | RHP-3R3A | 1 | \$440.00 | 38\% | \$272.80 |
| RHP-3R3в | DWYER InStruments inc | OSA W/RS RH/TEMP XMITER 3\% 0-5VDC 10K II | RHP-3R3B | 1 | \$440.00 | 38\% | \$272.80 |
| RHP-3R3С | dWYer instruments inc | OSA W/RS RH/TEMP XMITER 3\% 0-5VDC 3K 25C THERM | RHP-3R3C | 1 | \$442.00 | 38\% | \$274.04 |
| RHP-3R3D | DWYER InStruments inc | OSA W/RS RH/TEMP XMITER 3\% 0-5VDC PT100RTD DIN385 | RHP-3R3D | 1 | \$442.00 | 38\% | \$274.04 |
| RHP-3R3E | DWYER InSTRUMENTS INC | OSA W/RS RH/TEMP XMITER 3\% 0-5VDC PT1000RTD DIN385 | RHP-3R3E | 1 | \$442.00 | 38\% | \$274.04 |
| RHP-3R3F | dWYER Instruments inc | OSA W/RS RH/TTMP XMITER 3\% 0-5VDC 20k 25C THERM | RHP-3R3F | 1 | \$440.00 | 38\% | \$272.80 |
| RHP-3W10 | DWYER INSTRUMENTS INC | WALL RH XMITTER3\% 4-20MA OUTPUT | RHP-3W10 | 1 | \$211.00 | 38\% | \$130.82 |
| RHP-3W10-LCD | DWYER INSTRUMENTS INC | WALL RH XMITTER3\% 4-20MA OUTPUT, LCD | RHP-3W10-LCD | 1 | \$336.00 | 38\% | \$208.32 |
| RHP-3W11 | DWYER InStruments inc | WALL RH/TEMP XMITTER3\% DUAL 4-20MA OUTPUT | RHP-3W11 | 1 | \$234.40 | 38\% | \$145.33 |
| RHP-3W11-LCD | DWYER InSTRUMENTS INC | WALL RH/TEMP XMITTER3\% DUAL 4-20MA OUTPUT LCD | RHP3W11-LCD | 1 | \$359.25 | 38\% | \$222.74 |
| RHP-3W1A | DWYER Instruments inc | WALL RH/TEMP XMITTER3\% 4-20MA,10K III TEMP | RHP-3W1A | 1 | \$224.00 | 38\% | \$138.88 |
| RHP-3W1A-LCD | DWYER InSTRUMENTS INC | WALL RH/TEMP XMITTER3\% 4-20MA,101 III TEMP LCD | RHP-3W1A-LCD | 1 | \$349.00 | 38\% | \$216.38 |
| RHP-3W1B | DWYER InSTRUMENTS INC | WALL RH/TEMP XMITTER3\% 4-20MA 10K II TEMP | RHP-3W1B | 1 | \$224.00 | 38\% | \$138.88 |
| RHP-3W1B-LCD | DWYER INSTRUMENTS INC | WALL RH/TEMP XMITTER3\% 4-20MA 10 II 1 TEMP, LCD | RHP-3W1B-LCD | 1 | \$349.00 | 38\% | \$216.38 |
| RHP-3W1C | DWYER INSTRUMENTS INC | WALL RH/TEMP XMITTER3\% 4-20MA 3K 25C THERM | RHP-3W1C | 1 | \$227.00 | 38\% | \$140.74 |
| RHP-3W1C-LCD | DWYER InSTRUMENTS INC | WALL RH/TEMP XMITTER3\% 4-20MA 3K 25C THERM, LCD | RHP-3W1C-LCD | 1 | \$352.00 | 38\% | \$218.24 |
| RHP-3W1D | dWYER Instruments inc | WALL RH/TEMP XMITTER3\% 4-20MA PT100RTD DIN385 | RHP-3W1D | 1 | \$227.00 | 38\% | \$140.74 |
| RHP-3W1D-LCD | DWYER InStruments inc | WALL RH/TEMP XMITTER3\% 4-20MA PT100RTD DIN385LCD | RHP-3W1D-LCD | 1 | \$352.00 | 38\% | \$218.24 |
| RHP-3W1E | DWYER InStruments inc | WALL RH/TEMP XMITTER3\% 4-20MA PT1000RTD DIN385 | RHP-3W1E | 1 | \$227.00 | 38\% | \$140.74 |
| RHP-3W1E-CD | dWYER Instruments inc | WALL RH/TEMP XMITTER3\% 4-20MA PT1000RTD DIN385LCD | RHP3W1E-CD | 1 | \$352.00 | 38\% | \$218.24 |
| RHP-3W1F | DWYER INSTRUMENTS INC | WALL RH/TEMP XMITTER3\% 4-20MA 20K 25C THERM | RHP-3W1F | 1 | \$224.00 | 38\% | \$138.88 |
| RHP-3W1F-LCD | DWYER INSTRUMENTS INC | WALL RH/TEMP XMITTER3\% 4-20MA 20k 25C THERM, LCD | RHP-3W1F-LCD | 1 | \$349.00 | 38\% | \$216.38 |
| RHP-3W20 | DWYER InStruments inc | WALL RH XMITTER3\% 0-10VDC OUTPUT | RHP-3W20 | 1 | \$211.00 | 38\% | \$130.82 |
| RHP-3W20-LCD | DWYER INSTRUMENTS INC | WALL RH XMITTER3\% 0-10VDC OUTPUT, LCD | RHP-3W20-LCD | 1 | \$336.00 | 38\% | \$208.32 |
| RHP-3W22 | DWYER InStruments inc | WALL RH/TTMP XMITTER3\% DUAL 0-10VDC OUTPUT | RHP-3W22 | 1 | \$234.40 | 38\% | \$145.33 |
| RHP-3W22-LCD | DWYER INSTRUMENTS INC | WALL RH/TEMP XMITTER3\% DUAL 0-10VDC OUTPUT LCD | RHP-3W22-LCD | 1 | \$359.25 | 38\% | \$222.74 |
| RHP-3W2A | DWYER InSTRUMENTS INC | WALL RH/TEMP XMITTER3\% 0-10VDC, 10K III TEMP | RHP-3W2A |  | \$224.00 | 38\% | \$138.88 |

The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted Inctledl Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device incuding, but not limited to, a router, gateway, FireAlarm Interface Pall, and/or other similar device, which utilize certain procols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforemention.

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, wers, water fountains, water heaters hot water tanks, garbage disposal
2. General Ductwork, Piping, etc. shall not be obtained on these contracts.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any oner purposes, incluading, but not imited to
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc)

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely use
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Wodel Mumber | facturer | al Descipition | co | $\begin{gathered} \text { "Warranty Period - \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54 \text { " } \end{gathered}$ | List Price | \% Disooum | Nvs |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| RHP-3W2A-LCD | DWYER INSTRUMENTS INC | WALL RH/TEMP XMITTER3\% 0-10VDC, 10K III TEMP LCD | RHP3W2A-LCD | , | \$349.00 | 38\% | \$216.38 |
| RHP-3W2B | dWYer instruments inc | WALL RH/TEMP XMITTER3\% 0 -10VDC 10 K II TEMP | RHP-3W2B | 1 | \$224.00 | 38\% | \$138.88 |
| RHP-3W2B-LCD | dWYer instruments inc | WALL RH/TEMP XMITTER3\% $0-10 \mathrm{VVDC}$ 10K II TEMP, LCD | RHP-3W2B-LCD | 1 | \$349.00 | 38\% | \$216.38 |
| RHP-3W2C | DWYER Instruments inc | WALL RH/TEMP XMITTER3\% 0-10VDC 3K 25C THERM | RHP-3W2C | 1 | \$227.00 | 38\% | \$140.74 |
| RHP-3W2C-LCD | dWYer instruments inc | WALL RH/TEMP XMITTER3\% 0-10VDC 3K 25C THERM, LCD | RHP-3W2C-LCD | 1 | \$352.00 | 38\% | \$218.24 |
| RHP-3W2D | dWYer instruments inc | WALL RH/TEMP XMITTER3\% 0-10VDC PT100RTD DIN385 | RHP3W2D | 1 | \$227.00 | 38\% | \$140.74 |
| RHP-3W2D-LCD | dWYER InStruments inc | WALL RH/TEMP XMITTER3\% 0-10VDC PT P100RTD DIN385LCD | RHP-3W2D-LCD | 1 | \$352.00 | 38\% | \$218.24 |
| RHP-3W2E | dWYER Instruments inc | WALL RH/TEMP XMITTER3\% 0-10VDC PT1000RTD DIN385 | RHP-3W2E | 1 | \$227.00 | 38\% | \$140.74 |
| RHP-3W2E-CD | DWYER Instruments inc | WALL RH/TEMP XMITTER3\% 0-10VDC PT1000RTD DIN385LCD | RHP-3W2E-CD | 1 | \$352.00 | 38\% | \$218.24 |
| RHP-3W2F | dWYer instruments inc | WALL RH/TEMP XMITTER3\% $0-10 \mathrm{VDCC} 20 \mathrm{~K} 25 \mathrm{C}$ THERM | RHP-3W2F | 1 | \$224.00 | 38\% | \$138.88 |
| RHP-3W2F-LCD | dWYER Instruments inc | WALL RH/TEMP XMITTER3\% 0-10VDC 20\% 25C THERM, LCD | RHP3W2F-LCD | 1 | \$349.00 | 38\% | \$216.38 |
| RHP-3W40 | DWYER Instruments inc | WALL RH XMITTER3\% FIELD SELE 4-20MA/0-10VDC/0-5VDC | RHP-3W40 | 1 | \$211.00 | 38\% | \$130.82 |
| RHP-3W40-LCD | dWYer instruments inc | WALL RH XMITTER3\% FIELD SELEC OUTPUTS, LCD | RHP-3W40-LCD | 1 | \$336.00 | 38\% | \$208.32 |
| RHP-3W44 | dWYer instruments inc | WALL RH/TEMP XMITTER3\% DUAL FIELD SELEC OUTPUTS | RHP-3W44 | 1 | \$234.40 | 38\% | \$145.33 |
| RHP-3W44-LCD | dWYER InSTRUMENTS INC | WALL RH/TEMP XMITER3\% DUAL SELECOUT LCD | RHP3W44-LCD | 1 | \$359.25 | 38\% | \$222.74 |
| RHP-3W4A | DWYER Instruments inc | WALL RH/TEMP XMITER3\% SELECOUT 10K III | RHP-3W4A | 1 | \$224.00 | 38\% | \$138.88 |
| RHP-3W4A-LCD | DWYER INSTRUMENTS INC | WALL RH/TEMP XMITER3\% SELECOUT 10K III LCD | RHP-3W4A-LCD | 1 | \$349.00 | 38\% | \$216.38 |
| RHP-3W4B | DWYER Instruments inc | WALL RH/TEMP XMITER3\% SELECOUT 10K II | RHP-3W4B | 1 | \$224.00 | 38\% | \$138.88 |
| RHP-3W4B-LCD | DWYER Instruments inc | WALL RH/TEMP XMITER3\% SELECOUT 10K II, LCD | RHP-3W4B-LCD | 1 | \$349.00 | 38\% | \$216.38 |
| RHP-3W4C | dWYer instruments inc | WALL RH/TEMP XMITER3\% SELECOUT ЗK 25C THERM | RHP-3W4C | 1 | \$227.00 | 38\% | \$140.74 |
| RHP-3W4C-LCD | dWYer instruments inc | WALL RH/TEMP XMITER3\% SELECOUT 3K 25C THERM, LCD | RHP-3W4C-LCD | 1 | \$352.00 | 38\% | \$218.24 |
| RHP-3W4D | DWYER Instruments inc | WALL RH/TEMP XMITER3\% SELECOUT PT100RTD DIN385 | RHP3W4D | 1 | \$227.00 | 38\% | \$140.74 |
| RHP-3W4D-LCD | dWYer instruments inc | WALL RH/TTMP XMITER3\% SELECOUT PT100RTD DIN385LCD | RHP-3W4D-LCD | 1 | \$352.00 | 38\% | \$218.24 |
| RHP-3W4E | DWYER INSTRUMENTS INC | WALL RH/TEMP XMITER3\% SELECOUT PT1000RTD DIN385 | RHP-3W4E | 1 | \$227.00 | 38\% | \$140.74 |
| RHP-3W4E-LCD | DWYER InSTRUMENTS INC | WALL RH/TEMP XMITER3\% SELECOUT PT1000RTD DIN385LCD | RHP-3W4E-CD | 1 | \$352.00 | 38\% | \$218.24 |
| RHP-3W4F | dWYER Instruments inc | WALL RH/TEMP XMITER3\% SELECOUT 20K 25C THERM | RHP-3W4F | 1 | \$224.00 | 38\% | \$138.88 |
| RHP-3W4F-LCD | DWYER Instruments inc | WALL RH/TEMP XMITER3\% SELECOUT 20K 25C THERM, LCD | RHP-3W4--LCD | 1 | \$349.00 | 38\% | \$216.38 |
| RHRS | dWYer instruments inc | Radiation Shield | RHRS | 1 | \$118.82 | 38\% | \$73.67 |
| L8 | dWYER Instruments inc | FLOAT SWITCH 5A SPDT PLASTIC | L8 | 1 | \$151.00 | 38\% | \$93.62 |
| L8-WP2 | DWYER Instruments inc | FLOTECT LQQuid level Switch | L8-WP2 | 1 | \$243.00 | 38\% | \$150.66 |
| SBLT2-10-40 | DWYER INSTRUMENTS INC | SUBMERSIBLE LEVEL XMITTER | SBLT2-10-40 | 1 | \$577.98 | 38\% | \$358.35 |
| SBLT2-15-60 | DWYER INSTRUMENTS INC | SUBMERSIBLE LEVEL XMITTER | SBLT2-15-60 | 1 | \$651.78 | 38\% | \$404.10 |
| SBLTP-20-60 | DWYER Instruments inc | SUBMERSIBLE LEVEL XMITTER | SBLT2-20-60 | 1 | \$651.78 | 38\% | \$404.10 |
| SBLT2-5-40 | dWYer instruments inc | SUBMERSIBLE LEVEL XMITTER | SBLT2-5-40 | 1 | \$577.98 | 38\% | \$358.35 |
| SBLT2-10-40-ETFE | dWYer instruments inc | SUBMERSIBLE LEVEL XMITTER | SBLT2-10-40-ETPE | 1 | \$823.98 | 38\% | \$510.87 |
| SBLT2-15-60-ETFE | dWYER InSTRUMENTS INC | SUBMERSIBLE LEVEL XMITTER | SBLT2-15-60-ETPE | 1 | \$1,020.78 | 38\% | \$632.88 |
| SBLT2-20-60-ETFE | DWYER INSTRUMENTS INC | SUBMERSIBLE LEVEL XMITTER | SBLT2-20-60-ETFE | 1 | \$1,020.78 | 38\% | \$632.88 |
| SBLT2-5-40-ETFE | DWYER INSTRUMENTS INC | SUBMERSIBLE LEVEL XMITTER | SBLT2-5-40-ETFE | 1 | \$823.98 | 38\% | \$510.87 |
| 2001 | DWYER Instruments inc | MAGNEHELIC 0 -1in W.C. | 2001 | 1 | \$162.00 | 38\% | \$100.44 |
| 2002 | DWYER Instruments inc | Magnehelic 0-2inw.c. | 2002 | 1 | \$162.00 | 38\% | \$100.44 |
| 2003 | dWYer instruments inc | magnehelic 0-3inw.c. | 2003 | 1 | \$164.00 | 38\% | \$101.68 |
| 2004 | dWYer instruments inc | MAGNEHELIC 0-4in w.c. | 2004 | 1 | \$167.00 | 38\% | \$103.54 |
| 2005 | dWYER InStruments inc | magnehelic 0-Sinw.c. | 2005 | 1 | \$164.00 | 38\% | \$101.68 |
| 2006 | DWYER INSTRUMENTS INC | MAGNEHELIC 0-6inW.c. | 2006 | 1 | \$172.00 | 38\% | \$106.64 |
| 2008 | DWYER INSTRUMENTS INC | MAGNEHELIC 0 -8in | 2008 | 1 | \$172.00 | 38\% | \$106.64 |
| 2010 | DWYER InSTRUMENTS INC | MAGNEHELIC 0-10 W.C. | 2010 | 1 | \$172.00 | 38\% | \$106.64 |
| 2300-0 | dWYER Instruments inc | MAGNEHELLC . $25-0-25$ | 2300-0 | 1 | \$189.00 | 38\% | \$117.18 |
| 2301 | DWYER Instruments inc | MAGNEHELCLC $50-0.50$ | 2301 | 1 | \$227.69 | 38\% | \$141.17 |
| 2302 | dWYer instruments inc | Magnehelic 1-0-1 | 2302 | 1 | \$200.00 | 38\% | \$124.00 |
| A3001 | dWYer instruments inc | РНотонеLIC $0-1 \mathrm{inw} . \mathrm{C}$. | A3001 | 1 | \$700.00 | 38\% | \$434.00 |
| A3002 | dWYER InSTRUMENTS INC | РНотоНеLIC 0 -2in w.c. | A3002 | 1 | \$688.00 | 38\% | \$426.56 |
| A3003 | DWYER INSTRUMENTS INC | PHOTOHELIC 0 -3in w.C. | А3003 | 1 | \$700.00 | 38\% | \$434.00 |
| A3005 | DWYER INSTRUMENTS INC | РНотоНеLC 0 -5in | A3005 | 1 | \$700.00 | 38\% | \$434.00 |
| 1626-1 | DWYER INSTRUMENTS INC | PRESSURE SWITCH SINGLE ELEC | 1626-1 | 1 | \$630.00 | 38\% | \$390.60 |
| 1626-5 | DWYER Instruments inc | PRESSURE SWITCH SINGLE ELEC | 1626-5 | 1 | \$630.00 | 38\% | \$390.60 |
| 1638-0 | dWYer instruments inc | PRESSURE SWITCH LG DIAPHRAGM | 1638-0 | 1 | \$704.00 | 38\% | \$436.48 |
| 1640-0 | dWYer instruments inc | FLOATING CONTACT NULL SWITCH | 1640-0 | 1 | \$961.00 | 38\% | \$595.82 |
| 1820-5MR | dWYER InStruments inc | LOW DIFF PRESSURE SWITCH | 1820-5MR | 1 | \$303.00 | 38\% | \$187.86 |
| 1823-1 | DWYER INSTRUMENTS INC | LOW Diff PRESSURE SWITCH | 1823-1 | 1 | \$190.00 | 38\% | \$117.80 |
| 1823-2 | DWYER INSTRUMENTS INC | PRESSURE SWITCH .5-2.0 W.C. | 1823-2 | 1 | \$182.24 | 38\% | \$112.99 |
| 1823-5 | DWYER InSTRUMENTS INC | LOW DIFF PRESSURE SWITCH | 1823-5 | 1 | \$190.00 | 38\% | \$117.80 |
| 1831-1-RA-S | dWYer instruments inc | DPS, MANUAL RESET DPDT, R: 2.5 To $9 \mathrm{w} . \mathrm{C}$. | 1831-1-RA-S | 1 | \$297.00 | 38\% | \$184.14 |
| 1831-2-RA-S | dWYer instruments inc | DPS, MANUAL RESET DPDT, R: 7.5 TO $23 \mathrm{~W} . \mathrm{C}$. | 1831-2-RA-S | 1 | \$297.00 | 38\% | \$184.14 |
| 1900-1-MR | dWYER InStruments inc | PRESS.SWTCH .4-1.6inWC RESET | 1900-1-MR | 1 | \$179.00 | 38\% | \$110.98 |
| 1900-10-MR | DWYER INSTRUMENTS INC | PRESSS.SWITCH 3.0-11.0in WC W/MANUAL RESET | 1900-10-MR | 1 | \$176.00 | 38\% | \$109.12 |
| 1900-5-MR | DWYER INSTRUMENTS INC | PRESS.SWITCH 1.5-5.5in WC W/MANUAL RESET | 1900-5-MR | 1 | \$167.00 | 38\% | \$103.54 |
| 1900-5-MR-C | DWYER InSTRUMENTS INC | KELE CALBRATED PRESSURE SWTCH | KELE BOM | 1 | \$198.00 | 38\% | \$122.76 |
| 1910-0 | dWYER Instruments inc | DIFF.PRESS.SWITCH -15-5inW.C. | 1910-0 | 1 | \$113.00 | 38\% | \$70.06 |
| 1910-00 | DWYER INSTRUMENTS INC | DIFF.PRESSS.SWITCH .07-15inw.c. | 1910-00 | 1 | \$123.00 | 38\% | \$76.26 |
| 1910-1 | dWYer instruments inc | DIFF.PRESS.SWITCH .4-1.6in W.c. | 1910-1 | 1 | \$111.00 | 38\% | \$68.82 |
| 1910-1-C | dWYER Instruments inc | KELE CALBRATED PRESSURE SWTCH | KELE BOM | 1 | \$136.00 | 38\% | \$84.32 |
| 1910-10 | DWYER INSTRUMENTS INC | DIFF.PRESS. SWITCH 3 -11in W.C. | 1910-10 | 1 | \$116.00 | 38\% | \$71.92 |
| 1910-10-C | DWYER INSTRUMENTS INC | KELE CALIBRATED PRESSURE SWTCH | KELE BOM | 1 | \$135.00 | 38\% | \$83.70 |
| 1910-20 | DWYER INSTRUMENTS INC | LOW DIFF PRESSURE SWITCH | 1910-20 | 1 | \$136.00 | 38\% | \$84.32 |
| 1910-5 | DWYER Instruments inc | DIF..PRESS. SWITCH 1.45.5.5in | 1910-5 | 1 | \$111.00 | 38\% | \$68.82 |
| 1910-5-C | DWYER INSTRUMENTS INC | KELE CALIBRATED PRESSURE SWTCH | KELE BOM | 1 | \$136.00 | 38\% | \$84.32 |
| 1950-1 | dWYer instruments inc | .4-1.6in W.C. DP SWITCH | 1950-1-2F | 1 | \$363.00 | 38\% | \$225.06 |
| $2000-0$ | DWYER INSTRUMENTS INC | MAGNEHELIC O- $\operatorname{SinW.C.}$ | $2000-0$ | 1 | \$172.00 | 38\% | \$106.64 |
| 2000-00 | dWYer instruments inc | MAGNEHELLC 0-25inW.C. | 2000-00 | 1 | \$189.00 | 38\% | \$117.18 |
| 2000-00N-ASF | DWYER InSTRUMENTS INC | MAGNEHELIC GAGE W/ ADUSTABLE S | 2000-OON-ASF | 1 | \$216.00 | 38\% | \$133.92 |
| 2000-250PA | DWYER INSTRUMENTS INC | MAGNEHELC O-250 PASCALS | 2000-250PA | 1 | \$172.00 | 38\% | \$106.64 |
| 2000-500PA | DWYER InSTRUMENTS INC | MAGNEHELC O-500 PASCALS | 2000-500PA | 1 | \$167.00 | 38\% | \$103.54 |
| 2000-60PA | DWYER INSTRUMENTS INC | 0 0-60 PASCALS MAGNEHELIC | 2000-60PA | 1 | \$192.00 | 38\% | \$119.04 |
| 2000-750PA | dWYer instruments inc | MAGNEHELIC 0-750 PASCALS | 2000-750PA | 1 | \$172.00 | 38\% | \$106.64 |
| 2002 D | DWYER INSTRUMENTS INC | DIFF PRESSURE GAGE MAGNEHELIC | 2002 D | 1 | \$215.00 | 38\% | \$133.30 |
| 2003-ASF | DWYER INSTRUMENTS INC | DIFF PRESSURE GAGE MAGNEHELIC | 2003-ASF | 1 | \$216.00 | 38\% | \$133.92 |
|  | 2025 DWYER INSTRUMENTS INC | MAGNEHELIC GUAGE $0-25$ WC | 2025 | 1 | \$202.00 | 38\% | \$125.24 |
|  | 2201 DWYER INSTRUMENTS INC | DIFF PRESSURE GAGE MAGNEHELIC | 2201 | 1 | \$216.00 | 38\% | \$133.92 |
|  | 2203 DWYER INSTRUMENTS INC | MAGNAHELLC GUAGE | 2203 | 1 | \$216.00 | 38\% | \$133.92 |
| 2300-00 | DWYER INSTRUMENTS INC | MAGEEHELIC | 2300-00 | 1 | \$191.00 | 38\% | \$118.42 |
| 2300-60PA | dWYER Instruments inc | 2300-60PA -30 PA TO 30 PA ZERO CENTERED | 2300-60PA | 1 | \$185.00 | 38\% | \$114.70 |
| $2300-120 \mathrm{PA}$ | DWYER INSTRUMENTS INC | 60 TO 0 TO GOPA MAGNEHELLC | 2300-120PA | 1 | \$200.00 | 38\% | \$124.00 |
| 3000MR-00-TAMP | dWYer instruments inc | Differential pressure guage | 3000MR-00-TAMP | 1 | \$886.00 | 38\% | \$549.32 |
| $3001-M \mathrm{R}$ | DWYER INSTRUMENTS INC | PRESSURE SWITCHGAGE PHOTOHELIC | 3001-MR | 1 | \$843.00 | 38\% | \$522.66 |
| 3001 MR-TAMP | DWYER INSTRUMENTS INC | PHOTOHELC SWITCH/GAGE | 3001 MR -TAMP | 1 | \$854.00 | 38\% | \$529.48 |
| 3002-MR | DWYER Instruments inc | PRESSURE SWITCHGAGE PHOTOHELIC | 3002-MR | 1 | \$854.29 | 38\% | \$529.66 |
| ${ }^{3003-M R}$ | DWYER INSTRUMENTS INC | PRESSURE SWITCHGAGE PHOTOHELIC | ${ }^{3003-M R}$ | 1 | \$861.00 | 38\% | \$533.82 |
| A3004 | dWYer instruments inc | PHOTOHELLC 0-4.0in w/C | A3004 | 1 | \$700.00 | 38\% | \$434.00 |
| 3005-MR | DWYER InSTRUMENTS INC | PRESSURE SWITCHGAGE PHOTOHELIC | 3005-MR | 1 | \$820.00 | 38\% | \$508.40 |
| A3010 | DWYER InSTRUMENTS INC | PHOTOHELLC 0-10in w.c. | A3010 | 1 | \$690.91 | 38\% | \$428.36 |
| 3030-MR | DWYER INSTRUMENTS INC | PRESSURE SWITCHGAGE PHOTOHELIC | 3030-MR | 1 | \$861.00 | 38\% | \$533.82 |
| 4635B | DWYER INSTRUMENTS INC | DİFF PRESSURE GAGE CAPSUHELLC | 4635B | 1 | \$1,628.00 | 38\% | \$1,009.36 |
| 605-10 | DWYER InSTRUMENTS INC | DIFF PRESSURE TRANSMITTER | 605-10 | 1 | \$674.00 | 38\% | \$417.88 |
| 605-11 | DWYER InSTRUMENTS INC | Indicating pressure xmitter | 605-11 | 1 | \$703.92 | 38\% | \$436.43 |
| 605-2 | dWYER InSTRUMENTS INC | Indicating Press Xmitter 0 -2in | 605-2 | 1 | \$564.00 | 38\% | \$349.68 |

The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Inctled], Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, Fire Alarm Interface Panel (FLPP), and/or other similar device, which utilize certain的

Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance: and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controte I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased rom these contracts for any other purposes, including, but not imited to
B. Audio-Video equirment or systems (e.g. smart boards, projectors, studio broadcasting conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| ber | Mantracturer | Uct Doscripition | duct Code | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54 " | Lst Price | \% Discount | Nvs |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 605-20 | DWYER INSTRUMENTS INC | MAGNEHELCL DIF PRESSR TRANSMTR | 605-20 | 1 | \$674.00 | 38\% | \$417.88 |
| 605-3 | DWYER InStruments inc | Indicating Press. TRANS. 0 -3in | 605-3 | 1 | \$564.00 | 38\% | \$349.68 |
| 605-6 | DWYER InSTRUMENTS INC | INDIC. PRESS XDUCER 0-6.OWC | 605-6 | 1 | \$564.00 | 38\% | \$349.68 |
| 607-0B | DWYER InStruments inc | Diff Pressure transmitter | 607-0B | 1 | \$1,417.00 | 38\% | \$878.54 |
| 608-07 | DWYER InStruments inc | DIFF PRESSURE TRANSMITTER | 608-07 | 1 | \$1,848.00 | 38\% | \$1,145.76 |
| $616 \mathrm{KD}-00$ | DWYER InStruments inc | DPT, RANGE: 0 TO 1 IN W.C., 2-WIRE, 4 TO 20MA | $616 \mathrm{KD}-00$ | 1 | \$152.00 | 38\% | \$94.24 |
| 616KD-00-V | DWYER Instruments inc | DPT, R: 0 TO 1 IN W.C., $0-5$ OR 0-10VDC FIELD SELEC | 616KD-00-V | 1 | \$152.00 | 38\% | \$94.24 |
| $616 \mathrm{KD}-01$ | DWYER InStruments inc | DPT, RANGE: 0 TO 2 In W. .C., 2 -WIRE, 4 TO 20MA | $616 \mathrm{KD}-01$ | 1 | \$152.00 | 38\% | \$94.24 |
| 616KD-01-V | DWYER InSTRUMENTS INC | DPT, R: 0 TO 2 IN W.C., 0 -5 OR 0-10VDC FIELD SELEC | 616KD-01-V | 1 | \$152.00 | 38\% | \$94.24 |
| $616 \mathrm{KD}-02$ | DWYER Instruments inc | DPT, RANGE: 0 TO 3 In W.C., 2 -WIRE, 4 TO 20MA | $616 \mathrm{KD}-02$ | 1 | \$152.00 | 38\% | \$94.24 |
| 616KD-02-V | DWYER InStruments inc | DPT, R: 0 TO 3 In W.C., $0-5$ OR 0-10VDC FIELD SELEC | 616KD-02-V | 1 | \$152.00 | 38\% | \$94.24 |
| $616 \mathrm{KD}-03$ | DWYER InSTRUMENTS INC | DPT, RANGE: 0 TO 5 In W. .C., 2 -WIRE, 4 TO 20MA | $616 \mathrm{KD}-03$ | 1 | \$152.00 | 38\% | \$94.24 |
| 616KD-03-v | DWYER InStruments inc | DPT, R: 0 TO 5 IN W.C., , 0-5 OR 0-10VDC FIELD SELEC | $616 \mathrm{KD}-03-\mathrm{V}$ | 1 | \$152.00 | 38\% | \$94.24 |
| $616 \mathrm{KD}-04$ | dWYER Instruments inc | DPT, RANGE: 0 TO 10 In W.C., 2 -WIRE, 4 TO 20MA | $616 \mathrm{KD}-04$ | 1 | \$152.00 | 38\% | \$94.24 |
| 616KD-04-V | DWYER INSTRUMENTS INC | DPT, R: 0 TO 10 In W.C. $0-5$ OR 0-10VDC FIELD SELEC | 616KD-04-V | 1 | \$152.00 | 38\% | \$94.24 |
| $616 \mathrm{KD}-05$ | DWYER InStruments inc | DPT, RANGE: 0 TO 15 In W.C., 2 -WIre, 4 TO 20MA | $616 \mathrm{KD}-05$ | 1 | \$152.00 | 38\% | \$94.24 |
| 616KD-05-v | dWYER Instruments inc | DPT, R: 0 TO 15 In W.C. $0-5$ OR 0-10VDC FIELD SELEC | 616KD-05-V | 1 | \$152.00 | 38\% | \$94.24 |
| $616 \mathrm{KD}-06$ | DWYER InStruments inc | DPT, RANGE: 0 TO 20 IN W.C., 2 -WIRE, 4 TO 20MA | $616 \mathrm{KD}-06$ | 1 | \$152.00 | 38\% | \$94.24 |
| 616KD-06-V | DWYER InStruments inc | DPT, R: 0 TO 20 In W.C. $0-5$ OR 0-10VDC FIELD SELEC | 616KD-06-V | 1 | \$152.00 | 38\% | \$94.24 |
| $616 \mathrm{KD}-07$ | DWYER InStruments inc | DPT, RANGE: 0 TO 25 IN W.C., 2-WIRE, 4 TO 20MA | $616 \mathrm{KD}-07$ | 1 | \$152.00 | 38\% | \$94.24 |
| 616KD-07-V | DWYER Instruments inc | DPT, R: 0 TO 25 In W.C. $0-5$ OR 0-10VDC FIELD SELEC | 616KD-07-V | 1 | \$152.00 | 38\% | \$94.24 |
| $616 \mathrm{KD}-10$ | DWYER INSTRUMENTS INC | DPT, RANGE: 0 TO 250 PA, 2 -WIRE, 4 TO 20MA | $616 \mathrm{KD}-10$ | 1 | \$152.00 | 38\% | \$94.24 |
| 616KD-10-V | DWYER InStruments inc | DPT, R: 0 TO 250 PA, 0-5 OR 0-10VDC FIELD SELEC | 616KD-10-V | 1 | \$152.00 | 38\% | \$94.24 |
| $616 \mathrm{KD}-11$ | DWYER InSTRUMENTS INC | DPT, RANGE: 0 TO 500 PA, 2 -WIRE, 4 TO 20MA | $616 \mathrm{KD}-11$ | 1 | \$152.00 | 38\% | \$94.24 |
| 616KD-11-V | DWYER Instruments inc | DPT, R: 0 TO 500 PA, 0-5 OR 0-10VDC FIELD SELEC | 616KD-11-V | 1 | \$152.00 | 38\% | \$94.24 |
| $616 \mathrm{KD}-12$ | DWYER InStruments inc | DPT, RANGE: 0 TO 750 PA, 2 -WIRE, 4 TO 20 MA | $616 \mathrm{KD}-12$ | 1 | \$152.00 | 38\% | \$94.24 |
| 616KD-12-V | DWYER InSTRUMENTS INC | DPT, R: 0 TO 750 PA, 0-5 OR 0-10VDC FIELD SELEC | 616KD-12-v | 1 | \$152.00 | 38\% | \$94.24 |
| $616 \mathrm{KD}-13$ | DWYER INSTRUMENTS INC | DPT, RANGE: 0 TO 1250 PA, 2 -WIRE, 4 TO 20MA | $616 \mathrm{KD}-13$ | 1 | \$152.00 | 38\% | \$94.24 |
| 616KD-13-V | DWYER INSTRUMENTS INC | DPT, R: 0 TO 1250 PA, $0-5$ OR 0-10VDC FIELD SELEC | 616KD-13-V | 1 | \$152.00 | 38\% | \$94.24 |
| $616 \mathrm{KD}-14$ | DWYER INSTRUMENTS INC | DPT, RANGE: 0 TO 2500 PA, 2 -WIRE, 4 TO 20MA | $616 \mathrm{KD}-14$ | 1 | \$152.00 | 38\% | \$94.24 |
| 616KD-14-V | DWYER InStruments inc | DPT, R: 0 TO 2500 PA, 0-5 OR 0-10VDC FIELD SELEC | 616KD-14-V | 1 | \$152.00 | 38\% | \$94.24 |
| 626-00-CH-P1-E5-S1 | dWYER Instruments inc | Industrial pressure Transmitr | 626-00-CH-P1-E5-S1 | 1 | \$475.00 | 38\% | \$294.50 |
| 626-10-CH-P2-E5-S1 | DWYER InSTRUMENTS INC | Industrial pressure Transmitr | 626-10-CH-P2-E5-S1 | 1 | \$475.00 | 38\% | \$294.50 |
| 626-11-CH-P2-E5-S1 | DWYER InStruments inc | Industrial pressure Transmitr | 626-11-CH-P2-E5-S1 | 1 | \$475.00 | 38\% | \$294.50 |
| 626-13-CH-P1-E5-S1 | DWYER INSTRUMENTS INC | INDUSTRIAL PRESSURE TRANSMITTE | 626-13-CH-P1-E5-S1 | 1 | \$409.00 | 38\% | \$253.58 |
| 628-07-CH-P1-E5-S1 | DWYER InSTRUMENTS INC | 1\% PRESS XMTR W/CONDUIT Housing | 628-07-CH-P1-E5-51 | 1 | \$271.00 | 38\% | \$168.02 |
| 628-08-CH-P1-E5-S1 | DWYER InStruments inc | 1\% PRESS XMTR W/CONDUIT Housing | 628-08-CH-P1-E5-S1 | 1 | \$271.00 | 38\% | \$168.02 |
| 628-09-CH-P1-E5-S1 | dWYER Instruments inc | 1\% PRESS XMTR W/CONDUIT Housing | 628-09-CH-P1-E5-S1 | 1 | \$271.00 | 38\% | \$168.02 |
| 628-10-CH-P1-E5-S1 | DWYER InStruments inc | 1\% PRESS XMTR W/CONDUIT Housing | 628-10-CH-P1-E5-S1 | 1 | \$266.00 | 38\% | \$164.92 |
| 628-11-CH-P1-E5-S1 | DWYER InStruments inc | 1\% PRESS XMTR W/CONDUIT Housing | 628-11-CH-P1-E5-S1 | 1 | \$271.00 | 38\% | \$168.02 |
| 628-12-CH-P1-E5-S1 | DWYER InStruments inc | 1\% PRESS XMTR W/CONDUIT Housing | 628-12-CH-P1-E5-S1 | 1 | \$261.00 | 38\% | \$161.82 |
| 629-02-CH-P2-E5-S1 | DWYER INSTRUMENTS INC | WET/WET DIFF PRESS XMTR | 629-02-CH-P2-E5-51 | 1 | \$803.00 | 38\% | \$497.86 |
| 629-02-CH-P2-E5-S1-3V | DWYER INSTRUMENTS INC | WET/WET DIFF PRESS XMTR W/3VLV | 629-02-CH-P2-E5-51-3V | 1 | \$1,109.00 | 38\% | \$687.58 |
| 629-03-CH-P2-E5-S1 | DWYER InStruments inc | WET/WET diff Press XMTR | 629-03-CH-P2-E5-S1 | 1 | \$570.00 | 38\% | \$353.40 |
| 629-03-CH-P2-E5-S1-3V | DWYER InSTRUMENTS INC | WET/WET DiFf PRESS XMTR W/3VLV | 629-03-CH-P2-E5-51-3V | 1 | \$1,109.00 | 38\% | \$687.58 |
| 629-04-CH-P2-E5-S1 | DWYER Instruments inc | WET/WEt diff Press XMTR | 629-04-CH-P2-E5-S1 | 1 | \$803.00 | 38\% | \$497.86 |
| 629-04-CH-P2-E5-S1-3V | DWYER InStruments inc | WET/WET diff PRESS XMTR W/3VLV | 629-04-CH-P2-E5-S1-3V | 1 | \$1,109.00 | 38\% | \$687.58 |
| 629-05-CH-P2-E5-S1 | DWYER InSTRUMENTS INC | WET/WET DIFF PRESS XMTR | 629-05-CH-P2-E5-S1 | 1 | \$803.00 | 38\% | \$497.86 |
| 629-05-CH-P2-E5-S1-3V | DWYER InStruments inc | WET/WET DIFF PRESS XMTR W/3VLV | 629-05-CH-P2-E5-S1-3V | 1 | \$1,109.00 | 38\% | \$687.58 |
| 647-7 | DWYER INSTRUMENTS INC | DifF PRESSURE TRANSMITTER WET | 647-7 | 1 | \$1,085.00 | 38\% | \$672.70 |
| 681-52 | DWYER INSTRUMENTS INC | SANITARY PRESSURE TRANSMITTER | 681-52 | 1 | \$2,533.00 | 38\% | \$1,570.46 |
| A-201 | DWYER InStruments inc | RUBBER TUBE 3/16 INCH 9 FT | A-201 | 1 | \$22.00 | 38\% | \$13.64 |
| A-210 | dWYER Instruments inc | ALUMINUM TUBE 1/4 InCH 5 FT | A-210 | 1 | \$17.95 | 38\% | \$11.13 |
| A-240-A | DWYER InStruments inc | PERFERATED COOLING TOWER | A-240-A | 1 | \$110.00 | 38\% | \$68.20 |
| A-266 | DWYER InStruments inc | DIGIHELIC SURFACE MTG BRACKET | A-266 | 1 | \$87.00 | 38\% | \$53.94 |
| A-298 | dWYER Instruments inc | FLAT FLUSH MOUNTING BRACKET | A-298 | 1 | \$69.00 | 38\% | \$42.78 |
| A-299 | DWYER INSTRUMENTS INC | BRACKET | A-299 | 1 | \$79.00 | 38\% | \$48.98 |
| A-301-SS | DWYER INSTRUMENTS INC | Stainless steel static Pressure tip | A-301-SS | 1 | \$146.00 | 38\% | \$90.52 |
| A-303 | DWYER InStruments inc | PORTABLE STATIC TIP | A-303 | 1 | \$25.00 | 38\% | \$15.50 |
| A-305 | DWYER InSTRUMENTS INC | STATIC PRESSURE TIP | A-305 | 1 | \$143.00 | 38\% | \$88.66 |
| A-310B | DWYER Instruments inc | 3 WAY VENT VALVE PLASTIC 10PSI | A-310B | 1 | \$33.00 | 38\% | \$20.46 |
| A-362 | DWYER InStruments inc | MIMIHELIC II BRACKET | A-362 | 1 | \$35.00 | 38\% | \$21.70 |
| A-370 | DWYER INSTRUMENTS INC | FLUSH MTG BRACKET | A-370 | 1 | \$84.00 | 38\% | \$52.08 |
| A-371 | DWYER InStruments inc | SURFACE MOUNTING BRACKET | A-371 | 1 | \$91.00 | 38\% | \$56.42 |
| A-389 | DWYER Instruments inc | STAND-OFF BRKT FOR 1800 SWITCH | A-389 | 1 | \$16.55 | 38\% | \$10.26 |
| A-399 | DWYER InSTRUMENTS INC | DUCT PRESSURE MONITOR KIT FOR 1900-MR SERIES | A-399 | 1 | \$88.00 | 38\% | \$54.56 |
| A-402A | DWYER Instruments inc | NYLon CARRY POUCH | A-402A | 1 | \$11.00 | 38\% | \$68.82 |
| A-417A | DWYER InStruments inc | SS WALL PICKUP PORT | A-417A | 1 | \$26.59 | 38\% | \$16.49 |
| A-419 | DWYER InSTRUMENTS INC | CEILING MOUNT COVER | A-419 | 1 | \$27.00 | 38\% | \$16.74 |
| A-420A | dWYER Instruments inc | STATIC PRESS PICKUP FOR OUTSİE | A-420A | 1 | \$51.00 | 38\% | \$31.62 |
| A-432 | DWYER Instruments inc | PORTABLE CASE FOR MAGNEHELIC | A-432 | 1 | \$122.00 | 38\% | \$75.64 |
| A-435 | DWYER InStruments inc | FIILD UPGRADEABLE LCD FOR MS | A-435 | 1 | \$143.00 | 38\% | \$88.66 |
| A-464 | DWYER InSTRUMENTS INC | FLUSH MOUNT KIT FOR MAGNEHELICS | A-464 | 1 | \$51.00 | 38\% | \$31.62 |
| A-465 | dWYER Instruments inc | FLUSH MOUNT SPACE PRESSURE SENSOR | A-465 | 1 | \$24.19 | 38\% | \$15.00 |
| A-480 | DWYER InStruments inc | PLASTIC STATIC PRESSURE TIP | A-480 | 1 | \$2.35 | 38\% | \$1.46 |
| A-481 | DWYER InSTRUMENTS INC | A-481 Installer kit | A-481 | 1 | \$12.46 | 38\% | \$7.73 |
| A-489 | DWYER INSTRUMENTS INC | 4 PRESSURE TIP KIT | A-489 | 1 | \$19.96 | 38\% | \$12.38 |
| A-491 | DWYER INSTRUMENTS INC | 6 PRESSURE TIP KIT | A-491 | 1 | \$16.21 | 38\% | \$10.05 |
| A-493 | DWYER INSTRUMENTS INC | 8 PRESSURE TIP KIT | A-493 | 1 | \$23.00 | 38\% | \$14.26 |
| A-601 | DWYER InStruments inc | manual reset switch | A-601 | 1 | \$138.00 | 38\% | \$85.56 |
| A-602 | dWYer instruments inc | AIR FILTER KIT | A-602 | 1 | \$70.00 | 38\% | \$43.40 |
| A-605 | DWYER InStruments inc | Air filter kit | A-605 | 1 | \$84.00 | 38\% | \$52.08 |
| A-300 | DWYER InSTRUMENTS INC | FLUSH MOUNT MAGNEHELC BRACKET | A-300 | 1 | \$73.00 | 38\% | \$45.26 |
| A3000-00 | DWYER INSTRUMENTS INC | PRESSURE SWITCHGAGE PHOTOHELIC | A3000-00 | 1 | \$867.00 | 38\% | \$537.54 |
| A3000-OON-RMR | DWYER INSTRUMENTS INC | PHOTOHELLC PRESS SWITCH/GAGE | A3000-00N-RMR | 1 | \$903.00 | 38\% | \$559.86 |
| A3000-0 | DWYER INSTRUMENTS INC | 0 TO 0.50 IN WC PHOTOHELIC | A3000-0 | 1 | \$702.00 | 38\% | \$435.24 |
| A3001-RMR-SRH | DWYER InStruments inc | Photohelic Pressure Switch/Gag | A 3001 -RMR-SRH | 1 | \$929.00 | 38\% | \$575.98 |
| A3003-RMR-SRH | DWYER InSTRUMENTS INC | Photohelic Pressure Switch/Gag | A3003-RMR-SRH | 1 | \$929.00 | 38\% | \$575.98 |
| A3005-RMR | dWYER Instruments inc | 0 TO 5 IN WC PHOTOHELC W/REMOTE RELAY | A 3005 -RMR | 1 | \$861.00 | 38\% | \$533.82 |
| A3006 | DWYER InSTRUMENTS INC | PRESSURE SWITCHGAGE PHOTOHELC | A3006 | 1 | \$823.00 | 38\% | \$510.26 |
| A3008 | DWYER InStruments inc | PRESSURE SWITCHGAGE PHOTOHELIC | A3008 | 1 | \$823.00 | 38\% | \$510.26 |
| ADPS-03-1-N | DWYER INSTRUMENTS INC | differential pressure switch | ADPS-03-1-N | 1 | \$65.00 | 38\% | \$40.30 |
| ADPS-04-1-N | DWYER INSTRUMENTS INC | Differential pressure switch | ADPS-04-1-N | 1 | \$65.00 | 38\% | \$40.30 |
| ADPS-05-1-N | DWYER InSTRUMENTS INC | DifFerential Pressure switch | ADPS-05-1-N | 1 | \$65.00 | 38\% | \$40.30 |
| ADPS-03-2-N | dWYer instruments inc | 0.20 TO 2 IN WC Diff Press switch | ADPS-03-2-N | 1 | \$64.39 | 38\% | \$39.92 |
| ADPS-04-2-N | DWYER InStruments inc | 0.12 TO 1.60 In WC DIfF PRESS SWITCH | ADPS-04-2-N | 1 | \$78.64 | 38\% | \$48.76 |
| ADPS-05-2-N | DWYER InStruments inc | 0.80 TO 4 IN WC DIFF PRESS SWITCH | ADPS-05-2-N | 1 | \$65.00 | 38\% | \$40.30 |
| ADPS-06-2-N | dWYer instruments inc | 2 TO 10 IN WC DIFF PRESS SWITCH | ADPS-06-2-N | 1 | \$65.00 | 38\% | \$40.30 |
| CX-12 | DWYER INSTRUMENTS INC | COMPRESSOR PRESSURE SWITCH | C C -12 | 1 | \$45.00 | 38\% | \$27.90 |
| DH-012 | DWYER INSTRUMENTS INC | DIFF PRESSURE CTRL DIGIHELIC | DH-012 | 1 | \$1,401.00 | 38\% | \$868.62 |
| DH3-014 | DWYER InStruments inc | 0.5 TO 0 TO 0.5 IN WC DIFF PRESS CNTRLR | DH3-014 | 1 | \$683.00 | 38\% | \$423.46 |
| DM-2005-LCD | dWYer instruments inc | Diff Pressure switch | DM-2005-LCD | 1 | \$300.00 | 38\% | \$186.00 |
| DPGA-06 | DWYER InStruments inc | digital pressure gauge | DPGA-06 | 1 | \$206.00 | 38\% | \$127.72 |
| DXW-11-153-1 | DWYER INSTRUMENTS INC | DPS, ADJUSTABLE DIFFERENTIAL RANGE: 2 TO 10 PSID | DXW-11-153-1 | 1 | \$182.00 | 38\% | \$112.84 |
| DXW-11-153-2 | DWYER InSTRUMENTS INC | DPS, ADJUSTABLE DIFFERENTIAL RANGE: 10 TO 25 PSID | DXW-11-153-2 |  | \$150.00 | 38\% | \$93.00 |

The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted Inctedl Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integr.
products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, Fire Alarm Interface Pane斯

Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforemention. istalaal, sysems. Cration, or maintenate of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtub nowers, water fountains, water heaters hot water tanks, garbage disposal
General Ductwork Piping, etc. shall not be obtained on these contracts
Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not:
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
B. Audio-Video equi,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Isterled], Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenate of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, nowers, water fountains, water heaters hot water tanks, garbage disposal
General Ductwork, Piping etc. shall not be obtained on these contracts
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not:
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose IT, Telecommumications, Networking Cabling, Fiber Optics (e.g. phone, pbx, digital centrex, digital key systems, television, cable, T-Line, general broadband,
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc.).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely us
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

|  |  |  |  | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54 " | List Price | \% Discoum | Nrs Nat Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| TF142-SOAP20 | DYNACON, INC. | LOW LIMIT, AUTO RESET, DPDT | TF142-SOAP20 | 1 | \$278.00 | 38\% | \$172.36 |
| TF142-SODP06 | DYNACON, Inc. | LOW LIMI, MANUAL RESET, 10 FT. CAP. DPDT | TF142-SODP06 | 1 | \$223.00 | 38\% | \$138.26 |
| TF142-SODP20 | DYNACON, Inc. | LOW LIMIT, MANUAL RESET, DPDT | TF142-SODP20 | 1 | \$274.00 | 38\% | \$169.88 |
| TSA-COP | DYNACON, Inc. | LOW LIMIT,AUTO RESET, SPDT | TSA-COP | 1 | \$180.00 | 38\% | \$111.60 |
| TSA-DOP | dYnacon, inc. | LOW LIMIT,MANUAL RESET, SPDT | TSA-DOP | 1 | \$180.00 | 38\% | \$111.60 |
| EP3-120VAC | drnamco c/o | EP Air valve 120VAC | 10CS1324-0 | 1 | \$110.00 | 38\% | \$68.20 |
| EP3-24VAC | DYNAMCO C/O | EP AIR Valve 24VAC INCL XFMr | 10CS1322-0 | 1 | \$104.88 | 38\% | \$65.03 |
| EP3-24VDC | dYNamCO C/O | EP AIR Valve 24vDC | 10CS1323-0 | 1 | \$105.00 | 38\% | \$65.10 |
| D002-2007-001 | DYNASONICS | Mounting strap,36in, needed for remote Xducer | D002-2007-001 | 1 | \$25.47 | 38\% | \$15.79 |
| D002-2007-004 | DYNASONICS | RTD InStallation tape, 72 INCHES | D002-2007-004 | 1 | \$93.16 | 38\% | \$57.76 |
| D002-2011-001 | DYNASONICS | 5.3 OZ LUBRICANT, ACOUSTIC | D002-2011-001 | 1 | \$53.25 | 38\% | \$33.02 |
| D005-0350-300 | DYNASONICS | RTD CONNECTOR KIT | D005-0350-300 | 1 | \$115.21 | 38\% | \$71.43 |
| D005-0803-104 | DYNASONICS | ULTRALINK PC SOFTWARE | D005-0803-104 | 1 | \$92.16 | 38\% | \$57.14 |
| D005-2116-004 | DYNASONICS | 9 Pin TO USB CONNECTOR | D005-2116-004 | 1 | \$337.09 | 38\% | \$209.00 |
| D005-2117-004 | DYNASONICS | USB CABLE, 15 ft, FOR SETUP AND MONITORING | D005-2117-004 | 1 | \$92.16 | 38\% | \$57.14 |
| D009-1004-013 | DYNASONICS | SILICON HEAT COMPOUND, 4 Grams | D009-1004-013 | 1 | \$50.93 | 38\% | \$31.58 |
| D010-0204001 | DYNASONICS | PC CABLE | D010-0204-001 | 1 | \$264.46 | 38\% | \$163.97 |
| D010-2102-010 | DYNASONICS | Mounting track for remote Xducers for 2-10in pipe | D010-2102-010 | 1 | \$474.34 | 38\% | \$294.09 |
| D010-2102-016 | DYNASONICS | Mounting Trk (DTTN/H Xducers) for 2 to 16 in Pipes | D010-2102-016 | 1 | \$730.08 | 38\% | \$452.65 |
| D010-3000-121 | DYNASONICS | RTD KIT FOR BTU MTR, CLAMP-ON, 50 FT CABLES | D010-3000-302 | 1 | \$871.37 | 38\% | \$540.25 |
| D010-3000-122 | DYNASONICS | RTD KIT FOR BTU MTR, CLAMP-ON, 100 FT CABLES | D010-3000-303 | 1 | \$1,002.40 | 38\% | \$621.49 |
| D010-3000-200 | DYNASONICS | RTD KIT, 3 INSERTION, $1 / 40 \mathrm{OD}, 20$ FT CABLES | D010-3000-200 | 1 | \$1,406.20 | 38\% | \$871.84 |
| D010-3000-201 | DYNASONICS | RTD Kit, 3 INSERTION, $1 / 40 \mathrm{OD}, 50$ FT CABles | D010-3000-201 | 1 | \$1,517.80 | 38\% | \$941.04 |
| D010-3000-202 | DYNASONICS | RTD KIT, 3 INSERTION, $1 / 4$ OD, 100 FT CABLES | D010-3000-202 | 1 | \$1,681.60 | 38\% | \$1,042.59 |
| DB-IAL-AYNN-No | DYNASONICS | FLOW MTR, $1 / 2$ ANSI, $95-264 \mathrm{VAC}$, KEYPAD, NO Comm | dtex--AP-AKNN-NN | 1 | \$4,790.78 | 38\% | \$2,970.28 |
| DB-IAL-AYYN-No | DYNASONICS | FLOW MTR, $1 / 2$ ANSI, $95-264 \mathrm{VAC}$, KEYPAD, COMM | dtexi-AP-AkEN-nN | 1 | \$5,928.71 | 38\% | \$3,675.80 |
| DB-IAL-CYNN-NO | DYNASONICS | FLOW MTR, $1 / 2$ ANSI, $20-28$ VAC, KEYPAD, NO COMM | dtex--AP-CKNN-NN | 1 | \$4,790.78 | 38\% | \$2,970.28 |
| DB-IAL-CYYN-No | DYNASONICS | FLOW MTR, $1 / 2$ ANSI, $20-28$ VAC, KEYPAD, COMM | dtex-AP-CKEN-NN | 1 | \$5,928.71 | 38\% | \$3,675.80 |
| DB-IAL-DYNN-No | DYNASONICS | FLOW MTR, 1/2 ANSI, 11-28 VDC, KEYPAD, NO COMM | dtex--PP-dKNN-NN | 1 | \$4,554.00 | 38\% | \$2,823.48 |
| DB-IAL-DYYN-No | DYNASONICS | FLOW MTR, 1/2 AnSI, $11-28$ VDC, KEYPAD, COMM | DTFXB-AP-DEEN-NN | 1 | \$5,691.92 | 38\% | \$3,528.99 |
| DB-IBL-AYNN-No | DYNASONICS | FLow MTR, 3/4 ANSI, $95-264 \mathrm{VAC}$, KEYPAD, NO Comm | dtext-bp-aknn-Nn | 1 | \$4,790.78 | 38\% | \$2,970.28 |
| DB-IBL-AYYN-No | DYNASONICS | FLOw MTR, $3 / 44$ ANSI, $95-264 \mathrm{VAC}$, KEYPAD, COMM | dtexb-bp-aken-nn | 1 | \$5,928.71 | 38\% | \$3,675.80 |
| DB-IBL-CYNN-NO | DYNASONICS | FLOW MTR, 3/4 ANSI, $20-28$ VAC, KEYPAD, NO COMM | dtex-BP-CKNN-NN | 1 | \$4,790.78 | 38\% | \$2,970.28 |
| DB-IBL-CYYN-NO | DYNASONICS | FLOw MTR, $3 / 4$ AnSI, $20-28$ VAC, KEYPAD, COMM | dtexb-bp-Cken-nn | 1 | \$5,928.71 | 38\% | \$3,675.80 |
| DB-IBL-DYNN-No | DYNASONICS | FLOW MTR, 3/4 ANSI, 11-28 VDC, KEYPAD, NO COMM | dtexB-BP-dKNN-NN | 1 | \$4,554.00 | 38\% | \$2,823.48 |
| DB-IBL-DYYN-No | DYNASONICS | FLOW MTR, $3 / 4$ ANSI, $11-28$ VDC, KEYPAD, COMM | dTFXB-BP-DkEN-NN | 1 | \$5,691.92 | 38\% | \$3,528.99 |
| DB-ICL-AYNN-NO | DYNASONICS | FLOW MTR, 1 ANSI, 95-264 VAC, KEYPAD, NO COMM | dTFXB-CP-AKNN-NN | 1 | \$4,850.56 | 38\% | \$3,007.35 |
| DB-IC-AYYN-No | DYNASONICS | FLOw MTR, 1 ANSI, 95-264 VAC, KEYPAD, COMM | dtexB-CP-AkEN-nN | 1 | \$5,988.48 | 38\% | \$3,712.86 |
| DB-ICL-CYNN-NO | DYNASONICS | FLOW MTR, 1 ANSI, $20-28 \mathrm{VAC}$, KEYPAD, NO COMM | dTFXB-CP-CKNN-NN | 1 | \$4,850.56 | 38\% | \$3,007.35 |
| DB-ICL-CYYN-No | DYNASONICS | FLOW MTR, 1 ANSI, $20-28 \mathrm{VAC}$, KEYPAD, COMM | dtex-CP-CKEN-nn | 1 | \$5,988.48 | 38\% | \$3,712.86 |
| DB-ICL-DYNN-No | DYNASONICS | FLOw MTR, 1 ANSI, $11-28$ VDC, , KEYPAD, NO COMM | DTFXB-CP-DKNN-NN | 1 | \$4,613.77 | 38\% | \$2,860.54 |
| DB-ICL-DYYN-No | DYNASONICS | FLOW MTR, 1 ANSI, $11-28$ VDC, KEYPAD, COMM | dTFXB-CP-dkEN-NN | 1 | \$5,751.69 | 38\% | \$3,566.05 |
| DB-IDL-AYNN-No | DYNASONICS | FLOW MTR, 1-1/4 ANSI, 95-264 VAC, KEYPAD, NO COMM | dtexk-PP-AKNN-NN | 1 | \$4,873.54 | 38\% | \$3,021.59 |
| DB-IDL-AYYN-No | DYNASONICS | FLOw MTR, 1-1/4 ANSI, 95-264 VAC, KEYPAD, COMM | dtexi-dP-aken-nn | 1 | \$6,011.47 | 38\% | \$3,727.11 |
| DB-IDL-CYNN-No | DYNASONICS | FLow mTR, $1-1 / 4$ ANSI, $20-28 \mathrm{VAC}, \mathrm{KEYPAD}$, NO COMM | dtexi-PP-CKNN-NN | 1 | \$4,873.54 | 38\% | \$3,021.59 |
| DB-IDL-CYYN-No | DYNASONICS | flow mTR, 1-1/4 AnsI, $20-28$ VAC, KEYPAD, COMm | dTFXB-DP-CkEN-NN | 1 | \$6,011.47 | 38\% | \$3,727.11 |
| DB-ID-DYNN-No | DYNASONICS | FLOW MTR, 1-1/4 ANSI, $11-28 \mathrm{VDC}, \mathrm{KEYPAD}$, NO COMM | DTFXB-DP-DKNN-NN | 1 | \$4,636.76 | 38\% | \$2,874.79 |
| DB-ID-DYYN-No | DYNASONICS | FLOw MTR, 1-1/4 ANSI, $11-28$ VDC, KEYPAD, COMM | DTFXB-DP-DKEN-NN | 1 | \$5,774.68 | 38\% | \$3,580.30 |
| DB-IEL-AYNN-No | DYNASONICS | FLOW MTR, 1-1/2 ANSI, 95-264 VAC, KEYPAD, NO COMM | dtexb-EP-AKNN-NN | 1 | \$4,873.54 | 38\% | \$3,021.59 |
| DB-IEL-AYYN-No | DYNASONICS | FLOW MTR, 1-1/2 ANSI, 95-264 VAC, KEYPAD, COMM | dtexB-EP-AKEN-nN | 1 | \$6,011.47 | 38\% | \$3,727.11 |
| DB-IEL-CYNN-No | DYNASONICS | FLow mTR, $1-1 / 2$ ANSI, $20-28 \mathrm{VAC}$, KEYPAD, NO COMM | dtexB-EP-CKNN-NN | 1 | \$4,873.54 | 38\% | \$3,021.59 |
| DB-EEL-CYYN-No | DYNASONICS | FLOw MTR, 1-1/2 AnsI, $20-28$ VAC, KEYPAD, COMM | dtexb-Ep-CkEn-nN | 1 | \$6,011.47 | 38\% | \$3,727.11 |
| DB-EEL-DYNN-No | DYNASONICS | FLOW MTR, 1-1/2 ANSI, $11-28$ VDC, , KEYPAD, NO COMM | dTFXB-EP-dKNN-NN | 1 | \$4,636.76 | 38\% | \$2,874.79 |
| DB-ELE-DYYN-NO | DYNASONICS | FLOW MTR, 1-1/2 ANSI, 11-28 VDC, KEYPAD, COMM | dTfxB-EP-dken-nn | 1 | \$5,774.68 | 38\% | \$3,580.30 |
| DB-IFL-AYNN-NO | DYNASONICS | FLOW MTR, 2 ANSI, 95-264 VAC, KEYPAD, No COMM | DTfx--PP-AKNN-NN | 1 | \$4,967.80 | 38\% | \$3,080.04 |
| DB-IFL-AYYN-No | DYNASONICS | FLOW MTR, 2 ANSI, 95-264 VAC, KEYPAD, COMM | dtexb-p-AkEn-nN | 1 | \$6,105.72 | 38\% | \$3,785.55 |
| DB-IFL-CYNN-NO | DYNASONICS | FLOW MTR, 2 ANSI, $20-28$ VAC, KEYPAD, NO COMM | dTPXB-PP-CKNN-NN | 1 | \$4,967.80 | 38\% | \$3,080.04 |
| DB-IFL-CYYN-NO | DYNASONICS | FLOW MTR, 2 ANSI, $20-28 \mathrm{VAC}$, KEYPAD, COMM | dTFXB-PP-CKEN-NN | 1 | \$6,105.72 | 38\% | \$3,785.55 |
| DB-IFL-DYNN-NO | DYNASONICS | FLOw MTR, 2 ANSI, $11-28$ VDC, , KEYPAD, NO COMM | dTFXB-PP-DKNN-NN | 1 | \$4,731.01 | 38\% | \$2,933.23 |
| DB-IFL-DYYN-NO | DYNASONICS | FLOW MTR, 2 ANSI, $11-28$ VDC, KEYPAD, COMM | dtexb-PP-DEEN-NN | 1 | \$5,868.94 | 38\% | \$3,638.74 |
| DB-IGL-AYNN-No | DYNASONICS | FLow MTR, $1 / 2$ COPPER, $95-264$ VAC, KEYPAD, No COM | dTFXB-GP-GKNN-NN | 1 | \$4,790.78 | 38\% | \$2,970.28 |
| DB-IGL-AYYN-No | DYNASONICS | FLOW MTR, $1 / 2$ COPPER, $95-264$ VAC, KEYPAD, COMM | dtfx-GP-gken-nn | 1 | \$5,928.71 | 38\% | \$3,675.80 |
| DB-IGL-CYNN-No | DYNASONICS | FLOW MTR, $1 / 2$ COPPER, $20-28$ VAC, KEYPAD, NO COM | dTPXB-GP-CKNN-NN | 1 | \$4,790.78 | 38\% | \$2,970.28 |
| dB-IGL-CYYN-no | DYNASONICS | FLOW MTR, $1 / 2$ COPPER, $20-28 \mathrm{VAC}, \mathrm{KEYPAD}$, COMM | dtex-GP-CkEN-NN | 1 | \$5,928.71 | 38\% | \$3,675.80 |
| DB-IGL-DYNN-No | DYNASONICS | FLOW MTR, $1 / 2$ COPPER, 11-28 VDC, KEYPAD, NO COM | dtex-GP-DKNN-NN | 1 | \$4,554.00 | 38\% | \$2,823.48 |
| DB-IGL-DYYN-No | DYNASONICS | FLOW MTR, $1 / 2$ COPPER, $11-28 \mathrm{VDC}, \mathrm{KEYPAD}$, COMM | DTFXB-GP-DKEN-NN | 1 | \$5,691.92 | 38\% | \$3,528.99 |
| DB-IHL-AYNN-No | DYNASONICS | FLOw MTR, 3/4 COPPER, $95-264$ VAC, KEYPAD, no COM | dtexB-HP-AKNN-NN | 1 | \$4,790.78 | 38\% | \$2,970.28 |
| DB-IHL-AYYN-No | DYNASONICS | FLOW MTR, $3 / 4$ COPPER, $95-264$ VAC, KEYPAD, COMM | dtfx-HP-AkEN-NN | 1 | \$5,928.71 | 38\% | \$3,675.80 |
| DB-IHL-CYNN-No | DYMASONICS | FLow MTR, $3 / 4$ COPPER, $20-28 \mathrm{VAC}$, KEYPAD, NO COM | DTfXB-HP-CKNN-NN | 1 | \$4,790.78 | 38\% | \$2,970.28 |
| DB-IHL-CYYN-NO | DYNASONICS | FLOW MTR, 3/4 COPPER, $20-28 \mathrm{VAC}$, KEYPAD, COMM | dTFXB-HP-CKEN-NN | 1 | \$5,928.71 | 38\% | \$3,675.80 |
| DB-IHL-DYNN-N0 | DYNASONICS | FLOW MTR, $3 / 4$ COPPER, 11-28 VDC, KEYPAD, NO COM | dTFXB-HP-DKNN-NN | 1 | \$4,554.00 | 38\% | \$2,823.48 |
| DB-IHL-DYYN-No | DYNASONICS | FLOW MTR, $3 / 4$ COPPER, $11-28 \mathrm{VDC}, \mathrm{KEYPAD}$, COMM | DTFXB-HP-DKEN-NN | 1 | \$5,691.92 | 38\% | \$3,528.99 |
| DB-IIL-AYNN-N0 | DYNASONICS | FLOw MTR, 1 COPPER, $95-264 \mathrm{VAC}$, KEYPAD, NO COM | dtexB-IP-AKNN-NN | 1 | \$4,850.56 | 38\% | \$3,007.35 |
| DB-IIL-AYYN-N0 | DYNASONICS | FLOw MTR, 1 COPPER, 95-264 VAC, KEYPAD, COMM | DTFXB-IP-AKEN-NN | 1 | \$5,988.48 | 38\% | \$3,712.86 |
| DB-IIL-CYNN-NO | DYNASONICS | FLOW MTR, 1 COPPER, $20-28 \mathrm{VAC}$, KEYPAD, NO COM | dtex--IP-CKNN-NN | 1 | \$4,850.56 | 38\% | \$3,007.35 |
| DB-IIL-CYYN-N0 | DYNASONICS | FLOW MTR, 1 COPPER, $20-28 \mathrm{VAC}$, KEYPAD, COMM | DTPX-IP-CKEN-NN | 1 | \$5,988.48 | 38\% | \$3,712.86 |
| DB-IIL-DYNN-No | DYNASONICS | FLOW MTR, 1 COPPER, $11-28 \mathrm{VDC}, \mathrm{KEYPAD}$, NO COM | dtexB-IP-DKNN-NN | 1 | \$4,613.77 | 38\% | \$2,860.54 |
| DB-IIL-DYYN-N0 | DYNASONICS | FLOW MTR, 1 COPPER, 11-28 VDC, KEYPAD, COMM | dTFXB-IP-DKEN-NN | 1 | \$5,751.69 | 38\% | \$3,566.05 |
| DB-JL-AYNN-N0 | DYNASONICS | FLOW MTR, 1-1/4 COPPER, $95-264 \mathrm{VAC}, \mathrm{KEYPAD}$, NOCOM | dTFXB-P-AKNN-NN | 1 | \$4,873.54 | 38\% | \$3,021.59 |
| DB-JL-AYYN-N0 | DYNASONICS | FLOw MTR, 1-1/4 COPPER, $95-264 \mathrm{VAC}, \mathrm{KEYPAD}$, COMM | dtexb-P-AKEN-NN | 1 | \$6,011.47 | 38\% | \$3,727.11 |
| DB-JL-CYNN-NO | DYNASONICS | FLow MTR, 1-1/4 COPPER, $20-28 \mathrm{VAC}, \mathrm{KEYPAD}$, NOCOM | dTFXB-JP-CKNn-nN | 1 | \$4,873.54 | 38\% | \$3,021.59 |
| DB-JL-CYYN-NO | DYNASONICS | FLOW MTR, $1-1 / 4$ COPPER, $20-28$ VAC, KEYYAD, COMM | dTFXB-P-CKEN-NN | 1 | \$6,011.47 | 38\% | \$3,727.11 |
| DB-JL-dYnN-No | dYnasonics | FLOw MTR, 1-1/4 COPPER, 11-28 VDC, KEYPAD, NoCom | dtexb-P--DKNN-NN | 1 | \$4,636.76 | 38\% | \$2,874.79 |
| DB-JL-DYYN-No | DYNASONICS | FLOW MTR, 1-1/4 COPPER, 11-28 VDC, KEYPAD, COMM | dTFXB-JP-DKEN-NN | 1 | \$5,774.68 | 38\% | \$3,580.30 |
| DB-ILL-AYNN-No | DYNASONICS | FLOW MTR, 1-1/2 COPPER, $95-264 \mathrm{VAC}$, KEYPAD, NOCOM | dtex-KP-AKNN-NN | 1 | \$4,873.54 | 38\% | \$3,021.59 |
| DB-IL-AYYN-NO | DYNASONICS | FLOW MTR, 1-1/2 COPPER, $95-264 \mathrm{VAC}, \mathrm{KEYPAD}$, COMM | dtex-KP-AKEN-NN | 1 | \$6,011.47 | 38\% | \$3,727.11 |
| DB-IKL-CYNN-NO | DYNASONICS | FLOW MTR, 1-1/2 COPPER, $20-28 \mathrm{VAC}, \mathrm{KEYPAD}$, NOCOM | dtex-KP-CKNN-NN | 1 | \$4,873.54 | 38\% | \$3,021.59 |
| DB-IKL-CYYN-NO | DYNASONICS | FLOW MTR, $1-1 / 2$ COPPER, $20-28 \mathrm{VAC}$, KEYPAD, COMM | dtex-KP-CKEN-nN | 1 | \$6,011.47 | 38\% | \$3,727.11 |
| DB-IKL-DYNN-No | DYNASONICS | FLOW MTR, 1-1/2 COPPER, 11-28 VDC, KEYPAD, NOCOM | dTFXB-KP-DKNN-NN | 1 | \$4,636.76 | 38\% | \$2,874.79 |
| DB-IKL-DYYN-No | DYNASONICS | FLOW MTR, $1-1 / 2$ COPPER, 11-28 VDC, KEYPAD, COMM | DTfXB-KP-dken-nn | 1 | \$5,774.68 | 38\% | \$3,580.30 |
| DB-ILL-AYNN-NO | DYNASONICS | FLOW MTR, 2 COPPER, 95-264 VAC, KEYPAD, NO COM | dtexB-LP-AKNN-Nn | 1 | \$4,967.80 | 38\% | \$3,080.04 |
| DB-IL-AYYN-No | DYNASONICS | FLOW MTR, 2 COPPER, $95-264$ VAC, KEYPAD, COMM | dTFXB-LP-AEEN-NN | 1 | \$6,105.72 | 38\% | \$3,785.55 |
| DB-ILL-CYNN-NO | DYNASONICS | FLOW MTR, 2 COPPER, $20-28$ VAC, KEYPAD, NO COM | dtexB-LP-CKNN-NN | 1 | \$4,967.80 | 38\% | \$3,080.04 |
| DB-ILL-CYYN-N0 | DYNASONICS | FLOW MTR, 2 COPPER, $20-28 \mathrm{VAC}, \mathrm{KEYPAD}$, COMM | dTFXB-LP-CKEN-NN | 1 | \$6,105.72 | 38\% | \$3,785.55 |
| DB-ILL-DYNN-NO | DYNASONICS | FLOw MTR, 2 COPPER, $11-28 \mathrm{VDC}, \mathrm{KEYPAD}$, NO COM | dtexB-LP-DKNN-NN | 1 | \$4,731.01 | 38\% | \$2,933.23 |
| DB-ILL-DYYN-NO | DYNASONICS | FLOW MTR, 2 COPPER, 11-28 VDC, KEYPAD, COMM | dTFXB-LP-DEEN-NN | 1 | \$5,868.94 | 38\% | \$3,638.74 |
| DB-IML-AYNN-No | DYNASONICS | FLOW MTR, $1 / 2$ OD TUBE, $95-264$ VAC, KEYPAD, NO COM | dtex-MP-AKNN-NN | 1 | \$4,790.78 | 38\% | \$2,970.28 |
| DB-IML-AYYN-No | DYNASONICS | FLOW MTR, $1 / 2$ OD TUBE, 95-264 VAC, KEYYAD, COMM | dTFXB-MP-AKEN-NN | 1 | \$5,928.71 | 38\% | \$3,675.80 |
| DB-IML-CYNN-No | DYNASONICS | FLOW MTR, 1/2 OD TUBE, $20-28$ VAC, KEYPAD, NO COM | dtexk-MP-CKNN-Nn | 1 | \$4,790.78 | 38\% | \$2,970.28 |
| DB-IML-CYYN-No | DYNASONICS | FLOW MTR, $1 / 2$ OD TUBE, $20-28 \mathrm{VAC}$, KEYPAD, COMM | dTFXB-MP-CKEN-NN | 1 | \$5,928.71 | 38\% | \$3,675.80 |
| DB-IML-DYNN-No | DYNASONICS | FLOW MTR, $1 / 2$ OD TUBE, 11-28 VDC, KEYPAD, NO COM | dtexB-MP-DkNN-Nn | 1 | \$4,554.00 | 38\% | \$2,823.48 |
| DB-IML-DYYN-No | DYNASONICS | FLOW MTR, 1/2 OD TUBE, 11-28 VDC, KEYPAD, COMM | dTFXB-MP-DEEN-NN | 1 | \$5,691.92 | 38\% | \$3,528.99 |
| DB-INL-AYNN-No | DYNASONICS | FLOW MTR, 3/4 OD TUBE, 95-264 VAC, KEYPAD, NO COM | dtexb-NP-AKNN-NN | 1 | \$4,790.78 | 38\% | \$2,970.28 |
| DB-INL-AYYN-No | DYNASONICS | FLOW MTR, 3/4 OD TUBE, $95-264 \mathrm{VAC}$, KEYPAD, COMM | dtfx--NP-AkEN-NN | 1 | \$5,928.71 | 38\% | \$3,675.80 |
| DB-INL-CYNN-No | DYNASONICS | FLOW MTR, $3 / 40 \mathrm{OD}$ TUBE, $20-28 \mathrm{VAC}, \mathrm{KEYPAD}$, NO COM | DTPXB-NP-CKNN-NN | 1 | \$4,790.78 | 38\% | \$2,970.28 |

The scope of this contract includes the following
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Isterled], Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenaice of Integrated Microprocessor-Based HVAC Equipmen

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs wers, water fountains, water heaters hot water tanks, garbage disposal
Ceneral Ductwork, Piping, etc. shall not be obtained on these contracts.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
A. General Purpose IT, Telecommumications, Networking Cabling, Fiber Optics (e.g. phone, pbx, digital centrex, digital key systems, television, cable, T-Line, general broadband,
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc.).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' $\mathbf{l}$ location in the event of a fire or emergency.

|  |  |  |  | $\begin{gathered} \text { "Warranty Period - \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54 \text { " } \end{gathered}$ | List Pice | \% Disoount | Nvs Net Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| DB-INL-CYYN-NO | DYNASONICS | FLOW MTR, 3/4 OD TUBE, $20-28$ VAC, KEYPAD, COMM | dTfXB-NP-CKEN-NN | 1 | \$5,928.71 | 38\% | \$3,675.80 |
| DB-INL-DYNN-No | dYnasonics | FLOw MTR, 3/4 OD TUBE, $11-28 \mathrm{VDC}, \mathrm{KEYPAD}$, NO COM | DTFXB-NP-DKNN-NN | 1 | \$4,554.00 | 38\% | \$2,823.48 |
| DB-INL-DYYN-No | dYnasonics | FLOW MTR, $3 / 4$ OD TUBE, 11-28 VDC, KEYPAD, COMM | dtexb-NP-dken-nn | 1 | \$5,691.92 | 38\% | \$3,528.99 |
| DB-IPL-AYNN-NO | Drnasonics | FLOW MTR, 1 OD TUBE, $95-264 \mathrm{VAC}$, KEYPAD, NO COM | DTEXB-PP-AKNN-NN | 1 | \$4,850.56 | 38\% | \$3,007.35 |
| DB-IPL-AYYN-No | Drnasonics | FLow MTR, 1 OD TUBE, 95-264 VAC, KEYPAD, COMM | DTFXB-PP-AKEN-NN | 1 | \$5,988.48 | 38\% | \$3,712.86 |
| DB-IPL-CYNN-NO | dYnasonics | FLOw MTR, 1 DD TUBE, $20-28$ VAC, KEYPAD, No COM | DTEXB-PP-CKNN-NN | 1 | \$4,850.56 | 38\% | \$3,007.35 |
| DB-IPL-CYYN-N0 | DYNASONICS | FLOW MTR, 1 OD TUBE, $20-28 \mathrm{VAC}$, KEYPAD, COMM | DTfXB-PP-CKEN-NN | 1 | \$5,988.48 | 38\% | \$3,712.86 |
| DB-IPL-DYNN-N0 | dYnasonics | FLOW MTR, 1 OD TUBE, 11-28 VDC, KEYPAD, NO COM | dtexB-PP-DKNN-NN | 1 | \$4,613.77 | 38\% | \$2,860.54 |
| DB-IPL-DYYN-NO | DYnasonics | FLOW MTR, 1 OD TUBE, $11-28$ VDC, KEYPAD, COMM | DTEXB-PP-DEEN-NN | 1 | \$5,751.69 | 38\% | \$3,566.05 |
| DB-ILL-AYNN-No | Drnasonics | FLOW MTR, 1-1/4 OD TUBE, 95-264 VAC, KEYP, NOCOM | DTEXB-QP-AKNN-NN | 1 | \$4,873.54 | 38\% | \$3,021.59 |
| DB-IQL-AYMN-No | Drnasonics | FLOW MTR, 1-1/4 OD TUBE, 95-264 VAC, KEYPAD, COMM | dtexb-qP-AkEN-NN | 1 | \$6,011.47 | 38\% | \$3,727.11 |
| DB-IQL-CYNN-No | Drnasonics | FLOW MTR, 1-1/4 OD TUBE, $20-28$ VAC, KEYPAD, NoCOM | DTfXB-QP-CKNN-NN | 1 | \$4,873.54 | 38\% | \$3,021.59 |
| DB-ILL-CCYN-No | dYnasonics | FLOw MTr, 1-1/4 OD TUBE, $20-28 \mathrm{VAC}$, KEYPAD, COMM | dtexb-qP-Cken-nn | 1 | \$6,011.47 | 38\% | \$3,727.11 |
| DB-IQL-DYNN-No | dYnasonics | FLOW MTR, 1-1/4 OD TUBE, 11-28 VDC, KEYPAD, NOCOM | dtexb-QP-DKNN-NN | 1 | \$4,636.76 | 38\% | \$2,874.79 |
| DB-IQL-DYYN-No | DYnasonics | FLOW MTR, 1-1/4 OD TUBE, $11-28$ VDC, KEYPAD, COMM | DTEXB-QP-DEEN-NN | 1 | \$5,774.68 | 38\% | \$3,580.30 |
| DB-IRL-AYNN-No | dYnasonics | FLOW MTR, 1-1/2 OD TUBE, $95-264 \mathrm{VAC}, \mathrm{KEYP}$, NOCOM | dtexb-rp-AknN-nN | 1 | \$4,873.54 | 38\% | \$3,021.59 |
| DB-IRL-AYYN-N0 | Drnasonics | FLOW MTR, 1-1/2 OD TUBE, 95-264 VAC, KEYPAD, COMM | DTFXB-RP-AKEN-NN | 1 | \$6,011.47 | 38\% | \$3,727.11 |
| DB-IRL-CYNN-No | Drnasonics | FLOW MTR, 1-1/2 OD TUBE, $20-28$ VAC, KEYPAD, NoCOM | DTEXB-RP-CKNN-NN | 1 | \$4,873.54 | 38\% | \$3,021.59 |
| DB-IRL-CYYN-NO | DYnasonics | FLOW MTR, 1-1/2 OD TUBE, $20-28 \mathrm{VAC}, \mathrm{EEYPAD}$, COMM | dTfXB-RP-CKEN-NN | 1 | \$6,011.47 | 38\% | \$3,727.11 |
| DB-IRL-DYNN-N0 | dYnasonics | FLOW MTR, 1-1/2 OD TUBE, 11-28 VDC, KEYPAD, NOCOM | dtexb-RP-dKNN-NN | 1 | \$4,636.76 | 38\% | \$2,874.79 |
| DB-IRL-DYYN-No | DYNASONICS | FLOW MTR, 1-1/2 OD TUBE, $11-28$ VDC, KEYPAD, COMM | DTfXB-RP-DEEN-NN | 1 | \$5,774.68 | 38\% | \$3,580.30 |
| DB-ISL-AYNN-N0 | DYnasonics | FLOW MTR, 2 OD TUBE, $95-264 \mathrm{VAC}$, KEYPAD, NO COM | dtexB-SP-AkNN-NN | 1 | \$4,967.80 | 38\% | \$3,080.04 |
| DB-ISL-AYYN-No | dYnasonics | FLOw MTR, 2 OD TUBE, 95-264 VAC, KEYPAD, COMM | DTFXB-SP-AgEn-nN | 1 | \$6,105.72 | 38\% | \$3,785.55 |
| DB-ISL-CYNN-NO | dYnasonics | FLOw MTR, 2 OD TUBE, $20-28$ VAC, KEYPAD, No COM | dTfXB-SP-CKNN-NN | 1 | \$4,967.80 | 38\% | \$3,080.04 |
| DB-ISL-CYYN-No | Drnasonics | FLOW MTR, 20 OD TUBE, $20-28 \mathrm{VAC}$, KEYPAD, COMM | DTEXB-SP-CKEN-NN | 1 | \$6,105.72 | 38\% | \$3,785.55 |
| DB-ISL-DYNN-N0 | drnasonics | FLOw MTR, 2 OD TUBE, 11-28 VDC, KEYPAD, NO COM | dtexb-SP-dKNN-NN | 1 | \$4,731.01 | 38\% | \$2,933.23 |
| DB-ISL-DYYN-NO | dYnasonics | FLOW MTR, 2 OD TUBE, $11-28 \mathrm{VDC}$, , KEYPAD, COMM | dtexb-SP-deen-nN | 1 | \$5,868.94 | 38\% | \$3,638.74 |
| DB-RZN-AYNN-N0 | DYNASONICS | FLOW MTR, REMOTE, $95-264$ VAC, KEYPAD, NO COMM | DtfXB-ZN-AKNN-NN | 1 | \$3,937.91 | 38\% | \$2,441.50 |
| DB-RZN-AYYN-No | dYnasonics | FLOW MTR, REMOTE, $95-264 \mathrm{VAC}, \mathrm{KEYPAD}$, COMM | dtexb-zn-AkEn-nn | 1 | \$5,075.84 | 38\% | \$3,147.02 |
| DB-RZN-CYNN-No | DYnasonics | FLOW MTR, REMOTE, $20-28$ VAC, KEYPAD, NO COMM | dtexb-zn-CKNN-NN | 1 | \$3,937.91 | 38\% | \$2,441.50 |
| DB-RZN-CYYN-No | dYnasonics | FLOw MTR, REMOTE, $20-28$ VAC, KEYPAD, COMM | dtaxb-zn-cken-nn | 1 | \$5,075.84 | 38\% | \$3,147.02 |
| DB-RZN-DYNN-No | Drnasonics | FLOW MTR, REMOTE, 11-28 VDC, KEYPAD, No COMM | dtexb-Zn-dkNn-NN | 1 | \$3,701.13 | 38\% | \$2,994.70 |
| DB-RZN-DXYN-No | Drnasonics | FLOW MTR, REMOTE, 11-28 VDC, KEYPAD, COMM | dtexb-zindken-NN | 1 | \$4,839.06 | 38\% | \$3,000.22 |
| DE-IAL-AYMM-no | dYnasonics | BTU MTR, $1 / 2$ ANSI, $95-264$ VAC, KEYPAD, NO COMM | DTFXE-AP-AKNB-FN | 1 | \$7,347.09 | 38\% | \$4,555.20 |
| DE-IAL-AYMM-NO | DYNASONICS | BTU MTR, $1 / 2$ ANSI, $95-264 \mathrm{VAC}$, KEYPAD, COMM | DTFXE-AP-AKEB-FN | 1 | \$8,485.02 | 38\% | \$5,260.71 |
| DE-IAL-CYNM-No | DYNASONICS | BTU MTR, $1 / 2$ ANSI, $20-28 \mathrm{VAC}$, KEYPAD, NO COMM | DTFXE-AP-CKNB-NN | 1 | \$7,347.09 | 38\% | \$4,555.20 |
| DE-IAL-CYYM-No | DYnasonics | BTU MTR, $1 / 2$ ANSI, $20-28 \mathrm{VAC}$, KEYPAD, COMM | dTFXE-AP-CKEb-NN | 1 | \$8,485.02 | 38\% | \$5,260.71 |
| DE-IAL-DYNM-No | dYnasonics | BTU MTR, $1 / 2$ AnSI, $11-28$ VDC, KEYPAD, , | dTFXE-AP-dKnb-fn | 1 | \$7,110.31 | 38\% | \$4,408.39 |
| DE-IAL-DYYM-No | Drnasonics | BTU MTR, 1/2 ANSI, $11-28$ VDC, KEYPAD, COMM | DTEXE-AP-DKEB-FN | 1 | \$8,248.24 | 38\% | \$5,113.91 |
| DE-IBL-AYMM-no | Drnasonics | BTU MTR, $3 / 4$ ANSI, $95-264$ VAC, KEYPAD, No COMM | DTFXE-BP-AKNB-FN | 1 | \$7,347.09 | 38\% | \$4,555.20 |
| DE-IBL-AYYM-No | dYnasonics | BTU MTR, $3 / 4$ ANSI, $95-264$ VAC, KEYPAD, COMM | DTPXE-BP-AKEB-FN | 1 | \$8,485.02 | 38\% | \$5,260.71 |
| DE-IBL-CYNM-No | DYNASONICS | BTU MTR, $3 / 4$ Ansi, $20-28 \mathrm{VAC}$, KEYPAD, NO COMM | DTfXE-BP-CKNB-NN | 1 | \$7,347.09 | 38\% | \$4,555.20 |
| DE-TBL-CYYM-No | DYnasonics | BTU MTR, $3 / 4$ ANSI, $20-28 \mathrm{VAC}$, KEYPAD, COMM | dTFXE-BP-CKEb-nN | 1 | \$8,485.02 | 38\% | \$5,260.71 |
| DE-IBL-DYNM-No | dYnasonics | BTU MTR, $3 / 44$ AnSI, $11-28$ VDC, KEYPAD, , | DTFXE-BP-DKNB-FN | 1 | \$7,110.31 | 38\% | \$4,408.39 |
| DE-IBL-DYYM-no | dYnasonics | BTU MTR, 3/4 AnsI, $11-28$ VDC, KEYPAD, COMM | DTFXE-BP-dkEb--N | 1 | \$8,248.24 | 38\% | \$5,113.91 |
| DE-CLL-AYMM-no | Drnasonics |  | DTEXE-CP-AKNB-FN | 1 | \$7,406.86 | 38\% | \$4,592.25 |
| DE-CLL-AYMM-No | Drnasonics | BTU MTR, 1 ANSI, $95-264$ VAC, KEYPAD, COMM | DTFXE-CP-AKEB-FN | 1 | \$8,544.79 | 38\% | \$5,297.77 |
| DE-CLL-CYMM-no | Drnasonics | BTU MTR, 1 ANSI, $20-28$ VaC, KEYPAD, No COMM | DTFXE-CP-CKNB-NN | 1 | \$7,406.86 | 38\% | \$4,592.25 |
| DE-ICL-CYYM-No | DYNASONICS | BTU MTR, 1 ANSI, $20-28$ VAC, KEYPAD, COMM | DTFXE-CP-CKEB-NN | 1 | \$8,544.79 | 38\% | \$5,297.77 |
| DE-ICL-DYNM-No | dYnasonics | BTU MTR, 1 ANSI, 11-28 VDC, KEYPAD, NO COMM | DTEXE-CP-DKNB-FN | 1 | \$7,170.08 | 38\% | \$4,445.45 |
| DE-ICL-DYYM-No | DYnasonics | BTU MTR, 1 ANSI, 11-28 VDC, KEYPAD, COMM | DTEXE-CP-DEEB-FN | 1 | \$8,308.00 | 38\% | \$5,150.96 |
| DE-IDL-AYNM-No | dYnasonics | BTU MTR, 1-1/4 AnSI, 95-264 Vac, , EYPAD, NO COMM | DTFXE-DP-AKNB-FN | 1 | \$7,429.85 | 38\% | \$4,606.51 |
| DE-ID-AYYM-no | Drnasonics | BTU MTR, 1-1/4 ANSI, $95-264 \mathrm{VAC}$, KEYPAD, COMM | DTEXE-DP-AKEB-FN | 1 | \$8,567.78 | 38\% | \$5,312.02 |
| DE-IDL-CYNM-No | Drnasonics | BTU MTR, 1-1/4 ANSI, 20-28 VAC, KEYPAD, No COMm | dtexe-dp-Cknb-nn | 1 | \$7,429.85 | 38\% | \$4,606.51 |
| DE-IDL-CYYM-no | Drnasonics | BTU MTR, 1-1/4 ANSI, $20-28$ VAC, KEYPAD, COMM | DTFXE-DP-CKEb-NN | 1 | \$8,567.78 | 38\% | \$5,312.02 |
| DE-IDL-DYNM-No | drnasonics | BTU MTR, 1-1/4 ANSI, 11-28 VDC, KEYPAD, No COMM | DTEXE-DP-DKNB-FN | 1 | \$7,193.07 | 38\% | \$4,459.70 |
| DE-IDL-DYM-No | DYNASONICS | BTU MTR, 1-1/4 ANSI, 11-28 VDC, KEYPAD, COMM | DTFXE-DP-DKEB-FN | 1 | \$8,330.99 | 38\% | \$5,165.21 |
| DE-IEL-AYMM-No | DYnasonics | BTU MTR, 1-1/2 AnSI, $95-264$ VAC, , EYYPAD, NO COMM | DTEXE-EP-AKNB-FN | 1 | \$7,429.85 | 38\% | \$4,606.51 |
| DE-EL-AYYM-No | dYnasonics | BTU MTR, 1-1/2 ANSI, $95-264 \mathrm{VAC}$, KEYPAD, COMM | DTTXE-EP-AKEB-FN | 1 | \$8,567.78 | 38\% | \$5,312.02 |
| DE-EL-CYNM-No | dYnasonics | BTU MTR, 1-1/2 ANSI, 20-28 VAC, KEYPAD, NO COMM | dTFXE-EP-CKNB-NN | 1 | \$7,429.85 | 38\% | \$4,606.51 |
| DE-EL-CYYM-NO | Drnasonics | BTU MTR, 1-1/2 ANSI, $20-28$ VAC, KEYPAD, COMM | DTEXE-EP-CKEb-NN | 1 | \$8,567.78 | 38\% | \$5,312.02 |
| DE-IEL-DYMM-No | Drnasonics | BTU MTR, 1-1/2 ANSI, 11-28 VDC, KEYPAD, No COMM | DTFXE-EP-DKNB-FN | 1 | \$7,193.07 | 38\% | \$4,459.70 |
| DE-EL-DYYM-No | drnasonics | BTU MTR, 1-1/2 ANSI, 11-28 VDC, KEYPAD, COMM | DTEXE-EP-dKEb-FN | 1 | \$8,330.99 | 38\% | \$5,165.21 |
| DE-ILL-AYMM-NO | DYNASONICS | BTU MTR, 2 ANSI, $95-264$ VAC, KEYPAD, NO COMM | DTTXE-PP-AKNB-FN | 1 | \$7,524.11 | 38\% | \$4,664.95 |
| DE-IFL-AYYM-NO | dYnasonics | BTU MTR, 2 ANSI, $95-264 \mathrm{VAC}$, KEYPAD, COMM | DTTXE-PP-AKEB-FN | 1 | \$8,662.03 | 38\% | \$5,370.46 |
| DE-IFL-CYNM-NO | DYnasonics | BTU MTR, 2 ANSI, $20-28$ VAC, KEYPAD, NO COMM | dTEXE-PP-CKNB-NN | 1 | \$7,524.11 | 38\% | \$4,664.95 |
| DE-IFL-CYYM-NO | dYnasonics | BTU MTR, 2 ANSI, $20-28$ VAC, KEYPAD, COMM | DTFXE-PP-CKEB-NN | 1 | \$8,662.03 | 38\% | \$5,370.46 |
| DE-IFL-DYNM-N0 | Drnasonics | BTU MTR, 2 ANSI, 11-28 VDC, KEYPAD, No COMM | DTFXE-PP-DKNB-FN | 1 | \$7,287.32 | 38\% | \$4,518.14 |
| DE-IFL-DYYM-No | Drnasonics | BTU MTR, 2 ANSI, 11-28 VDC, KEYPAD, COMM | DTFXE-FP-DKEB--N | 1 | \$8,425.25 | 38\% | \$5,223.66 |
| DE-IGL-AYNM-No | DYNASONICS | BTU MTR, $1 / 2$ COPPER, $95-264 \mathrm{VAC}$, KEYYAD, NO COM | DTTEE-GP-AKNB-FN | 1 | \$7,347.09 | 38\% | \$4,555.20 |
| DE-IGL-AYM-No | dYnasonics | BTU MTR, $1 / 2$ COPPER, $95-264 \mathrm{VAC}, \mathrm{KEYPAD}$, COMM | DTPXE-GP-AKEB-FN | 1 | \$8,485.02 | 38\% | \$5,260.71 |
| de-Igl-CynM-no | dYnasonics | BTU MTR, $1 / 2$ COPPER, $20-28$ VAC, KEYPAD, NO COM | dtexe-gr-Cknb-nn | 1 | \$7,347.09 | 38\% | \$4,555.20 |
| DE-IGL-CYMM-no | dYnasonics | BTU MTR, $1 / 2$ COPPER, $20-28$ VAC, KEYPAD, COMM | dTFXE-GP-CKEb-nN | 1 | \$8,485.02 | 38\% | \$5,260.71 |
| DE-IGL-DYNM-No | Drnasonics | BTU MTR, $1 / 2$ COPPER, $11-28 \mathrm{VDC}$, KEYPAD, NO COM | DTEXE-GP-DKNB-FN | 1 | \$7,110.31 | 38\% | \$4,408.39 |
| DE-IGL-DYM-No | drnasonics | BTU MTR, $1 / 2$ COPPER, 11-28 VDC, KEYPAD, COMM | DTFXE-GP-dkEb-fN | 1 | \$8,248.24 | 38\% | \$5,113.91 |
| DE-IHL-AYNM-No | Drnasonics | BTU MTR, 3/4 COPPER, 95-264 VAC, KEYPAD, No COM | DTFXE-HP-AKNB-FN | 1 | \$7,347.09 | 38\% | \$4,555.20 |
| DE-IHL-AYMM-No | DYNASONICS | BTU MTR, $3 / 4$ COPPER, $95-264 \mathrm{VAC}, \mathrm{KEYPAD}$, COMM | DTFXE-HP-AKEB-FN | 1 | \$8,485.02 | 38\% | \$5,260.71 |
| DE-IHL-CYNM-No | dYnasonics | BTU MTR, $3 / 4$ COPPER, $20-28$ VAC, KEYPAD, NO COM | dTFXE-HP-CKNB-nN | 1 | \$7,347.09 | 38\% | \$4,555.20 |
| DE-IHL-CYYM-No | DYnasonics | BTU MTR, $3 / 4$ COPPER, $20-28$ VAC, KEYPAD, COMM | DTPXE-HP-CKEB-NN | 1 | \$8,485.02 | 38\% | \$5,260.71 |
| DE-IHL-DYNM-No | drnasonics | BTU MTR, $3 / 4$ COPPER, $11-28 \mathrm{VDC}$, KEYPAD, NO COM | DTFXE-HP-DKNB-FN | 1 | \$7,110.31 | 38\% | \$4,408.39 |
| DE-IHL-DYMM-No | Drnasonics | BTU MTR, $3 / 4$ COPPER, 11-28 VDC, KEYPAD, COMM | DTEXE-HP-DKEB-FN | 1 | \$8,248.24 | 38\% | \$5,113.91 |
| DE-IIL-AYNM-N0 | dYnasonics | BTU MTR, 1 COPPER, $95-264 \mathrm{VAC}$, KEYPAD, NO COM | DTTXE-PP-AKNB-FN | 1 | \$7,406.86 | 38\% | \$4,592.25 |
| DE-II-AYMM-No | Drnasonics | BTU MTR, 1 COPPER, $95-264 \mathrm{VAC}$, KEYPAD, COMM | DTFXE-PP-AKEB-FN | 1 | \$8,544.79 | 38\% | \$5,297.77 |
| DE-II-CYNM-No | DYNASONICS | BTU MTR, 1 COPPER, $20-28$ VAC, KEYPAD, NO COM | DTFXE-PP-CKNB-NN | 1 | \$7,406.86 | 38\% | \$4,592.25 |
| DE-IIL-CYMM-No | DYNASONICS | BTU MTR, 1 COPPER, $20-28 \mathrm{VAC}$, KEYPAD, COMM | DTFXE-PP-CKEB-NN | 1 | \$8,544.79 | 38\% | \$5,297.77 |
| DE-IIL-DYMM-NO | dYnasonics | BTU MTR, 1 COPPER, $11-28 \mathrm{VDC}$, KEYPAD, NO COM | DTTXE-PP-DKNB-FN | 1 | \$7,170.08 | 38\% | \$4,445.45 |
| DE-IIL-DYMM-No | dYnasonics | BTU MTR, 1 COPPER, $11-28 \mathrm{VDC}, \mathrm{KEYPAD}$, COMM | DTTXE-PP-DKEB-FN | 1 | \$8,308.00 | 38\% | \$5,150.96 |
| DE-JL-AYMM-NO | DYnasonics | BTU MTR, 1-1/4 COPPER, 95-264 VAC, KEYPAD, NOCOM | dTTXE-JP-AKNB-FN | 1 | \$7,429.85 | 38\% | \$4,606.51 |
| DE-JL-AYYM-No | Drnasonics | BTU MTR, 1-1/4 COPPER, $95-264 \mathrm{VAC}, \mathrm{KEYPAD}, \mathrm{COMM}$ | DTFXE-JP-AKEB-FN | 1 | \$8,567.78 | 38\% | \$5,312.02 |
| DE-JL-CYNM-NO | Drnasonics | BTU MTR, 1-1/4 COPPER, $20-28 \mathrm{VAC}$, KEYPAD, NOCOM | DTFXE-JP-CKNB-Nn | 1 | \$7,429.85 | 38\% | \$4,606.51 |
| DE-JL-CYYM-No | drnasonics | BTU MTR, 1-1/4 COPPER, $20-28 \mathrm{VAC}$, KEYPAD, COMM | dTTXE-JP-CKEb-nn | 1 | \$8,567.78 | 38\% | \$5,312.02 |
| DE-JIL-DYNM-No | drnasonics | BTU MTR, 1-1/4 COPPER, 11-28 VDC, KEYPAD, NOCOM | DTTXE-JP-DKNB-FN | 1 | \$7,193.07 | 38\% | \$4,459.70 |
| DE-JIL-DYM -No | dYnasonics | BTU MTR, 1-1/4 COPPER, $11-28 \mathrm{VDC}, \mathrm{KEYPAD}$, COMM | DTTXE-JP-DKEB-FN | 1 | \$8,330.99 | 38\% | \$5,165.21 |
| DE-ILL-AYMM-No | DYnasonics | BTU MTR, 1-1/2 COPPER, 95-264 VaC, KEYPAD, NOCOM | DTTXE-KP-AKNB-FN | 1 | \$7,429.85 | 38\% | \$4,606.51 |
| DE-ILL-AYYM-No | drnasonics | BTU MTR, 1-1/2 COPPER, $95-264 \mathrm{VAC}, \mathrm{KEYPAD}$, COMM | DTFXE-KP-AKEB-FN | 1 | \$8,567.78 | 38\% | \$5,312.02 |
| DE-IKL-CYMM-no | Drnasonics | BTU MTR, 1-1/2 COPPER, $20-28 \mathrm{VAC}, \mathrm{KEYPAD}$, NOCOM | dTEXE-KP-CKNB-NN | 1 | \$7,429.85 | 38\% | \$4,606.51 |
| DE-IKL-CYYM-No | Drnasonics | BTU MTR, 1-1/2 COPPER, $20-28 \mathrm{VAC}$, KEYPAD, COMM | DTFXE-KP-CKEb-nN | 1 | \$8,567.78 | 38\% | \$5,312.02 |
| DE-IKL-DYNM-No | drnasonics | BTU MTR, 1-1/2 COPPER, 11-28 VDC, KEYPAD, NOCOM | dtexe-Kp-dknb-fn | 1 | \$7,193.07 | 38\% | \$4,459.70 |
| DE-IKL-DYYM-No | DYNASONICS | BTU MTR, 1-1/2 COPPER, $11-28 \mathrm{VDC}, \mathrm{KEYPAD}$, COMM | DTFXE-KP-DEEB-FN | 1 | \$8,330.99 | 38\% | \$5,165.21 |
| DE-ILL-AYMM-NO | DYNASONICS | BTU MTR, 2 COPPER, $95-264 \mathrm{VAC}$, KEYPAD, NO COM | DTFXE-PP-AKNB-FN | 1 | \$7,524.11 | 38\% | \$4,664.95 |
| DE-IL-AYYM-No | drnasonics | BTU MTR, 2 COPPER, $95-264 \mathrm{VAC}, \mathrm{KEYPAD}$, COMM | DTTXE-LP-AKEB-FN | 1 | \$8,662.03 | 38\% | \$5,370.46 |
| DE-IL-CYNM-No | DYnasonics | BTU MTR, 2 COPPER, $20-28 \mathrm{VAC}$, KEYPAD, NO COM | dtexe-LP-CKNB-Nn | 1 | \$7,524.11 | 38\% | \$4,664.95 |
| DE-ILL-CYMM-NO | drnasonics | BTU MTR, 2 COPPER, $20-28 \mathrm{VAC}$, KEYPAD, COMM | DTEXE-LP-CKEB-NN | 1 | \$8,662.03 | 38\% | \$5,370.46 |
| DE-IL-DYMM-No | Drnasonics | BTU MTR, 2 COPPER, $11-28$ VDC, KEYPAD, NO COM | DTFXE-LP-DKNB-FN | 1 | \$7,287.32 | 38\% | \$4,518.14 |
| DE-ILL-DYYM-No | dYnasonics | BTU MTR, 2 COPPER, 11-28 VDC, KEYPAD, COMM | DTTXE-LP-DKEB-FN | 1 | \$8,425.25 | 38\% | \$5,223.66 |

The scope of this contract includes the following
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Istlled], Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and . products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain prococls (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenace of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, wers, water fountains, water heaters hot water tanks, garbage disposal
2. General Ductwork, Piping, etc. shall not be obtained on these contracts.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
A. General Purpose IT, Telecommunications, Networking Cabing, Fiber Optics (e.g. phone, pbx, digital centrex, digital key systems, television, cable, T-Line, general broadband,
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc.).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely us
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Modesl Number | facurer | (ion | Product Code | $\begin{gathered} \text { "Warranty Period - \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54 \text { " } \end{gathered}$ | Ust Price | \% Discount | NvS Nal Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| DE-IML-AYnM-No | DYNASONICS | BTU MTR, 1/2 OD TUBE, $95-264$ VAC, KEYPAD, NO COM | DTFXE-MP-AKNB-FN | 1 | \$7,347.09 | 38\% | \$4,555.20 |
| DE-IML-AYMM-No | dYnasonics | BTU MTR, $1 / 2$ OD TUBE, 95-264 VAC, KEYPAD, COMM | dTFXE-MP-AKEB-FN | 1 | \$8,485.02 | 38\% | \$5,260.71 |
| DE-IML-CYNM-No | dYNASONICS | BTU MTR, $1 / 2$ OD TUBE, $20-28 \mathrm{VAC}$, KEYPAD, NO COM | dTFXE-MP-CKNB-NN | 1 | \$7,347.09 | 38\% | \$4,555.20 |
| DE-IML-CYMM-No | DYNASONICS | BTU MTR, $1 / 2$ OD TUBE, $20-28 \mathrm{VAC}, \mathrm{KEYPAD}$, COMM | dTFXE-MP-CKEB-NN | 1 | \$8,485.02 | 38\% | \$5,260.71 |
| DE-IML-DYNM-No | DYNASONICS | BTU MTR, $1 / 2$ OD TUBE, 11-28 VDC, KEYPAD, No COM | DTFXE-MP-DKNB-FN | 1 | \$7,110.31 | 38\% | \$4,408.39 |
| DE-IML-DYMM-no | DYNASONICS | BTU MTR, $1 / 2$ OD TUBE, $11-28$ VDC, KEYPAD, COMM | DTFXE-MP-DEEB-FN | 1 | \$8,248.24 | 38\% | \$5,113.91 |
| DE-INL-AYNM-No | DYNASONICS | BTU MTR, $3 / 4$ OD TUBE, $95-264 \mathrm{VAC}$, KEYPAD, NO COM | dTFXE-NP-AKNB-FN | 1 | \$7,347.09 | 38\% | \$4,555.20 |
| de-InL-AYM-no | dYnasonics | BTU MTR, $3 / 4$ OD TUBE, 95-264 VAC, KEYPAD, COMM | DTTXE-NP-AKEB-FN | 1 | \$8,485.02 | 38\% | \$5,260.71 |
| de-InL-CYnM-no | dYNASONICS | BTU MTR, 3/4 OD TUBE, 20-28 VAC, KEYPAD, NO COM | dTFXE-NP-CKNB-NN | 1 | \$7,347.09 | 38\% | \$4,555.20 |
| de-inl-chm-no | DYNASONICS | BTU MTR, $3 / 4 \mathrm{OD}$ TUBE, $20-28 \mathrm{VAC}$, KEYPAD, COMM | dtexe-Np-CkEb-NN | 1 | \$8,485.02 | 38\% | \$5,260.71 |
| DE-INL-DYNM-No | DYNASONICS | BTU MTR, 3/4 OD TUBE, 11-28 VDC, KEYPAD, No COM | DTFXE-NP-DKNB-FN | 1 | \$7,110.31 | 38\% | \$4,408.39 |
| DE-INL-DYMM-No | DYNASONICS | BTU MTR, $3 / 4$ OD TUBE, $11-28 \mathrm{VDC}, \mathrm{KEYPAD}$, COMM | DTFXE-NP-DKEB-FN | 1 | \$8,248.24 | 38\% | \$5,113.91 |
| DE-IPL-AYMM-No | DYNASONICS | BTU MTR, 1 OD TUBE, 95-264 VAC, KEYPAD, NO COM | DTFXE-PP-AKNB-FN | 1 | \$7,406.86 | 38\% | \$4,592.25 |
| DE-IPL-AYYM-No | DYNASONICS | BTU MTR, 1 OD TUEE, $95-264 \mathrm{VAC}$, KEYPAD, COMM | DTTXE-PP-AKEB-FN | 1 | \$8,544.79 | 38\% | \$5,297.77 |
| DE-IPL-CYNM-No | DYNASONICS | BTU MTR, 10 D TUBE, $20-28 \mathrm{VAC}$, KEYPAD, NO COM | DTFXE-PP-CKNB-NN | 1 | \$7,406.86 | 38\% | \$4,592.25 |
| DE-IPL-CYYM-No | DYNASONICS | BTU MTR, 1 OD TUBE, $20-28 \mathrm{VAC}$, KEYPAD, COMM | dTFXE-PP-CKEB-Nn | 1 | \$8,544.79 | 38\% | \$5,297.77 |
| DE-IPL-DYNM-No | DYNASONICS | BTU MTR, 10 OD TUBE, $11-28 \mathrm{VDC}$, KEYPAD, NO COM | DTFXE-PP-DKNB-FN | 1 | \$7,170.08 | 38\% | \$4,445.45 |
| DE-IPL-DYMM-no | DYNASONICS | BTU MTR, 1 OD TUBE, 11-28 VDC, KEYPAD, COMM | DTFXE-PP-DKEB-FN | 1 | \$8,308.00 | 38\% | \$5,150.96 |
| DE-TLL-AYNM-No | DYNASONICS | BTU MTR, 1-1/4 OD TUBE, 95-264 VAC, KEYPAD, Nocom | dtexe-Cp-AkNB-FN | 1 | \$7,429.85 | 38\% | \$4,606.51 |
| DE-ILL-AYM-No | DYNASONICS | BTU MTR, 1-1/4 OD TUEE, $95-264 \mathrm{VAC}$, KEYPAD, COMM | dTFXE-OP-AKEB-FN | 1 | \$8,567.78 | 38\% | \$5,312.02 |
| DE-TQL-CYNM-No | DYNASONICS | BTU MTR, 1-1/4 OD TUEE, $20-28$ VAC, KEYPAD, NOCOM | dTFXE--PP-CKNB-NN | 1 | \$7,429.85 | 38\% | \$4,606.51 |
| DE-IQL-CYYM-no | DYNASONICS | BTU MTR, 1-1/4 OD TUBE, $20-28$ VAC, KEYPAD, COMM | dTFXE--Pp-CKEB-NN | 1 | \$8,567.78 | 38\% | \$5,312.02 |
| DE-IQL-DYNM-No | dYnasonics | BTU MTR, 1-1/4 OD TUEE, $11-28 \mathrm{VDC}, \mathrm{KEYPAD}$, NOCOM | dTFXE-Pp-DKNB-FN | 1 | \$7,193.07 | 38\% | \$4,459.70 |
| DE-TLL-DYM-No | dYNASONICS | BTU MTR, 1-1/4 OD TUBE, 11-28 VDC, KEYPAD, COMM | DTFXE-CP-DKEB-FN | 1 | \$8,330.99 | 38\% | \$5,165.21 |
| DE-IRL-AYMM-no | DYNASONICS | BTU MTR, 1-1/2 OD TUBE, $95-264 \mathrm{VAC}$, KEYPAD, NOCOM | DTFXE-RP-AKNB-FN | 1 | \$7,429.85 | 38\% | \$4,606.51 |
| DE-IRL-AYMM-no | DYNASONICS | BTU MTR, 1-1/2 OD TUEE, $95-264 \mathrm{VAC}$, KEYPAD, COMM | DTTXE-RP-AKEB-FN | 1 | \$8,567.78 | 38\% | \$5,312.02 |
| DE-IRL-CYNM-No | DYNASONICS | BTU MTR, 1-1/2 OD TUEE, $20-28$ VAC, KEYPAD, NOCOM | dTFXE-PP-CKNB-NN | 1 | \$7,429.85 | 38\% | \$4,606.51 |
| DE-IRL-CYYM-no | DYNASONICS | BTU MTR, 1-1/2 OD TUBE, 20-28 VAC, KEYPAD, COMM | dTfXE-PP-CKEb-Nn | 1 | \$8,567.78 | 38\% | \$5,312.02 |
| DE-IRL-DYNM-No | DYNASONICS | BTU MTR, 1-1/2 2 D TUBE, $11-28 \mathrm{VDC}, \mathrm{KEYPAD}$, NOCOM | DTFXE-RP-DKNB-FN | 1 | \$7,193.07 | 38\% | \$4,459.70 |
| DE-IRL-DYYM-No | DYNASONICS | BTU MTR, 1-1/2 2 O TUBE, $11-28$ VDC, KEYPAD, COMM | DTFXE-PP-DKEB-FN | 1 | \$8,330.99 | 38\% | \$5,165.21 |
| DE-ISL-AYMM-no | DYNASONICS | BTU MTR, 2 OD TUBE, 95-264 VAC, KEYPAD, NO COM | DTFXE-SP-AKNB-FN | 1 | \$7,524.11 | 38\% | \$4,664.95 |
| DE-IL-AYYM-No | DYNASONICS | BTU MTR, 2 OD TUEE, $95-264 \mathrm{VAC}$, KEYPAD, COMM | DTTXE-SP-AKEB-FN | 1 | \$8,662.03 | 38\% | \$5,370.46 |
| DE-ISL-CYNM-No | DYNASONICS | BTU MTR, 2 OD TUBE, $20-28 \mathrm{VAC}$, KEYPAD, NO COM | dTFXE-SP-CKNB-NN | 1 | \$7,524.11 | 38\% | \$4,664.95 |
| de-ISL-CYYM-No | DYNASONICS | BTU MTR, 2 OD TUBE, $20-28 \mathrm{VAC}$, KEYPAD, COMM | dTFXE-SP-CKEB-NN | 1 | \$8,662.03 | 38\% | \$5,370.46 |
| DE-ISL-DYNM-No | DYNASONICS | BTU MTR, 2 OD TUBE, $11-28 \mathrm{VDC}, \mathrm{KEYPAD}$, NO COM | DTFXE-SP-DKNB-FN | 1 | \$7,287.32 | 38\% | \$4,518.14 |
| DE-ISL-DYYM-No | DYNASONICS | BTU MTR, 2 OD TUBE, 11-28 VDC, KEYPAD, COMM | DTFXE-SP-DKEB-FN | 1 | \$8,425.25 | 38\% | \$5,223.66 |
| DE-RZN-AYMM-No | DYNASONICS | BTU MTR, REMOTE, $95-264$ VAC, KEYPAD, NO COMM | DTFXE-ZN-AKNB-FN | 1 | \$6,494.22 | 38\% | \$4,026.42 |
| de-rzn-AYM-no | DYNASONICS | BTU MTR, REMOTE, $95-264 \mathrm{VAC}$, KEYPAD, COMM | dTFXE-ZN-AKEB-FN | 1 | \$7,632.15 | 38\% | \$4,731.93 |
| de-rzn-CYNM-No | DYNASONICS | BTU MTR, REMOTE, $20-28 \mathrm{VAC}$, KEYPAD, NO COMM | dtexe-zn-Cknb-nn | 1 | \$6,494.22 | 38\% | \$4,026.42 |
| de-rzn-CYMM-No | DYNASONICS | BTU MTR, REMOTE, $20-28$ VAC, KEYPAD, COMM | dTfXE-ZN-CKEB-NN | 1 | \$7,632.15 | 38\% | \$4,731.93 |
| DE-RZN-DYNM-No | DYNASONICS | BTU MTR, REMOTE, $11-28 \mathrm{VDC}, \mathrm{KEYPAD}$, NO COMM | dTFXE-ZN-DKNB-FN | 1 | \$6,257.45 | 38\% | \$3,879.62 |
| DE-RZN-DYYM-No | DYNASONICS | BTU MTR, REMOTE, $11-28$ VDC, KEYPAD, COMM | DTFXE-ZN-DKEB-FN | 1 | \$7,395.37 | 38\% | \$4,585.13 |
| DTTXLI-AN1-NN | DYNASONICS | Clamp-on,1/2im pipe,no display, 4 -20mA and pulse | DTEXLI-AN1-NN | 1 | \$2,641.37 | 38\% | \$1,637.65 |
| dTfxL1-BN1-NN | DYNASONICS | Clamp-on,3/4in pipe,no display,4-20mA and pulse | DTEXL1-BN1-NN | 1 | \$2,641.37 | 38\% | \$1,637.65 |
| dTfxL1-CN1-NN | DYNASONICS | Clamp-on, lin pipe,no display, 4 -20mA and pulse | DTEXL1-CN1-NN | 1 | \$2,701.14 | 38\% | \$1,674.71 |
| DTfXLI-DN1-NN | DYNASONICS | Clamp-on, $11 / 4 \mathrm{in}$ pipe,no display, $4-20 \mathrm{~mA}$ and pulse | dTFXL1-DN1-NN | 1 | \$2,724.13 | 38\% | \$1,688.96 |
| dtexli-En-NN | DYNASONICS | Clamp-on, $11 / 2 \mathrm{in}$ pipe,no display, $4-20 \mathrm{~mA}$ and pulse | DTFXL1-EN1-NN | 1 | \$2,724.13 | 38\% | \$1,688.96 |
| dtexL1--N1-NN | DYNASONICS | Clamp-on,2in pipe,no display, 4 -20mA and pulse | DTEXL1-EN1-NN | 1 | \$2,818.38 | 38\% | \$1,747.40 |
| dtexL1-XN1-NN | DYNASONICS | Remote mount, no display, $4-20 \mathrm{~mA}$ and pulse | dTFXL1-XN1-NN | 1 | \$2,239.07 | 38\% | \$1,388.22 |
| DTFXL1-XN1-NN-C | DYNASONICS | Remote mount,no display, 4-20 mA,pulse | KELE BOM | 1 | \$2,301.00 | 38\% | \$1,426.62 |
| DTfxLL-AN1-NN | DYNASONICS | Clamp-on,1/2in pipe, display,4-20mA and pulse | DTEXL2-AN1-NN | 1 | \$2,986.19 | 38\% | \$1,851.44 |
| DTFXL2-AN1-NN-C | DYNASONICS | Clamp-on,1/2in ANSI, display,config. by Kele | KELE BOM | 1 | \$3,068.00 | 38\% | \$1,902.16 |
| DTTXLL-BN1-NN | DYNASONICS | Clamp-on,3/4in pipe, display,4-20mA and pulse | DTEXL2-BN1-NN | 1 | \$2,986.19 | 38\% | \$1,851.44 |
| DTFXL2-BN1-NN-C | DYNASONICS | Clamp-on,3/4in ANSI, display,config. by kele | KELE BOM | 1 | \$3,068.00 | 38\% | \$1,902.16 |
| DTTXL2-CN1-NN | DYNASONICS | Clamp-on, il pipe,display, 4 -20mA and pulse | DTEXL2-CN1-NN | 1 | \$3,045.96 | 38\% | \$1,888.50 |
| dTEXL2-CN1-NN-C | DYNASONICS | Clamp-on, 1in ANSI,display, config. by Kele | KELE BOM | 1 | \$3,129.00 | 38\% | \$1,939.98 |
| DTFXL2-DN1-NN | DYNASONICS | Clamp-on, 1 1/4in pipe,display,4-20mA and pulse | DTEXL2-DN1-NN | 1 | \$3,068.95 | 38\% | \$1,902.75 |
| DTFXL2-DN1-NN-C | DYNASONICS | Clamp-on, 1 1/4in ANSI,display,config. by Kele | KELE BOM | 1 | \$3,154.00 | 38\% | \$1,955.48 |
| DTfXL2-EN1-NN | DYNASONICS | Clamp-on, $11 / 2 \mathrm{in}$ pipe,display, 4 -20mA and pulse | DTEXL2-EN1-NN | 1 | \$3,068.95 | 38\% | \$1,902.75 |
| DTFXL2-EN1-NN-C | DYNASONICS | Clamp-on,1 1/2in ANSI,display,config. by Kele | KELE BOM | 1 | \$3,154.00 | 38\% | \$1,955.48 |
| DTfexL2-FN1-NN | DYNASONICS | Clamp-on,2in pipe,display, 4 -20mA and pulse | DTEXL2--N1-NN | 1 | \$3,163.20 | 38\% | \$1,961.18 |
| DTEXL2-FN1-NN-C | DYNASONICS | Clamp-on,2in ANSI,display,config. by Kele | KELE BOM | 1 | \$3,251.00 | 38\% | \$2,015.62 |
| DTFXL2-HN1-NN | DYNASONICS | 3/4IN, 4-20MA AND TTL PULSE FLOW METER | DTFXL2-HN1-NN | 1 | \$2,986.19 | 38\% | \$1,851.44 |
| dTfxL2-XN1-NN | DYNASONICS | Remote mount, display, 4 -20mA and pulse | DTEXL2-XN1-NN | 1 | \$2,583.90 | 38\% | \$1,602.02 |
| dTFXL2-XN1-NN-C | DYNASONICS | Remote mount, display, $4-20 \mathrm{~mA}$,pulse | KELE BOM | 1 | \$2,654.00 | 38\% | \$1,645.48 |
| dTTN-020-A020-N | DYNASONICS | TRANSD, REM. , 2-24 PIPE, 20 FT. CBL, ARMORED | DTTN-020-A020-N | 1 | \$1,696.54 | 38\% | \$1,051.85 |
| dTTN-020-N00-N | DYNASONICS | Remote Xdcr for 2.5IN and up pipe, 20 ft cable, 4 straps | DTTN-020-N000-N | 1 | \$1,505.74 | 38\% | \$933.56 |
| dTtN-050-A050-N | DYNASONICS | TRANSD, REM., 2-24 PIPE, 50 FT. CBL, ARMORED | DTTN-050-A050-N | 1 | \$2,101.14 | 38\% | \$1,302.71 |
| DTTN-050-N00-N | DYNASONICS | Remote Xdcr for 2.5 IN and up pipe, 50 ft cable, 4 straps | DTTN-050-N000-N | 1 | \$1,696.54 | 38\% | \$1,051.85 |
| DTTN-100-A100-N | DYNASONICS | TRANSD, REM., 2-24 PIPE, 100 FT . CBL, ARMORED | DTTN-100-A100-N | 1 | \$2,751.71 | 38\% | \$1,706.06 |
| DTTN-100-N00-N | DYNASONICS | Remote Xdcr for 2.5IN and up pipe, 100FT CBL, 4 | DTTN-100-N000-N | 1 | \$1,944.82 | 38\% | \$1,205.79 |
| DTTS-DC-020-A020 | DYNASONICS | TRANSD, REM, $1 / 2$ COPPER, 20 FT . CBL, ARMORED | DTTS-DC-020-A020 | 1 | \$1,379.31 | 38\% | \$855.17 |
| DTTS-DC-020-N000 | DYNASONICS | TRANSD, REM, 1/2 COPPER, 20 FT. CBL, NO ARMOR | DTTS-DC-020-N000 | 1 | \$1,243.00 | 38\% | \$770.66 |
| DTTS-DP-020-A020 | DYNASONICS | TRANSD, REM., $1 / 2$ ANSI, 20 FT. CbL, ARMORED | DTTS-DP-020-A020 | 1 | \$1,379.31 | 38\% | \$855.17 |
| DTTS-DT-020-A020 | DYNASONICS | TRANSD, REM., $1 / 2$ OD TUBE, 20 F. CBL, ARMORED | DTTS-DT-020-A020 | 1 | \$1,400.00 | 38\% | \$868.00 |
| DTTS-DT-020-N000 | DYNASONICS | TRANSD, REM., $1 / 2$ OD TUBE, 20 FT. CBL, NO ARMOR | DTTS-DT-020-N000 | 1 | \$1,243.00 | 38\% | \$770.66 |
| DTTS-FC-020-A020 | DYNASONICS | TRANSD, REM, $3 / 4$ COPPER, 20 FT . CBL, ARMORED | DTTS-FC-020-A020 | 1 | \$1,400.00 | 38\% | \$868.00 |
| DTTS-FC-020-N000 | DYNASONICS | TRANSD, REM, $3 / 4$ COPPER, 20 FT . CBL, NO ARMOR | DTTS-FC-020-N000 | 1 | \$1,209.19 | 38\% | \$749.70 |
| DTTS-FP-020-A020 | DYNASONICS | TRANSD, REM., $3 / 4$ ANSI, 20 FT. CBL, ARMORED | DTTS-FP-020-A020 | 1 | \$1,438.00 | 38\% | \$891.56 |
| DTTS-FT-020-A020 | DYnasonics | TRANSD, REM., $3 / 4$ OD TUBE, 20 F. CBL, ARMORED | DTTS-FT-020-A020 | 1 | \$1,400.00 | 38\% | \$868.00 |
| DTTS-FT-020-N000 | DYNASONICS | TRANSD, REM., $3 / 4$ OD TUBE, 20 FT . CBL, NO ARMOR | DTTS-FT-020-N000 | 1 | \$1,243.00 | 38\% | \$770.66 |
| DTTS-6C-020-A020 | DYNASONICS | TRANSD, REM, 1 COPPER, 20 FT. CBL, ARMORED | DTTS-GC-020-A020 | 1 | \$1,511.00 | 38\% | \$936.82 |
| DTTS-GP-020-A020 | DYNASONICS | TRANSD, REM., 1 ANSI, 20 FT . CBL, ARMORED | DTTS-GP-020-A020 | 1 | \$1,511.00 | 38\% | \$936.82 |
| DTTS-GT-020-A020 | DYNASONICS | TRANSD, REM., 10 OD TUBE, 20 FT . CBL, ARMORED | DTTS-GT-020-A020 | 1 | \$1,511.00 | 38\% | \$936.82 |
| DTTS-GT-020-N000 | DYNASONICS | TRANSD, REM., 10 OD TUBE, 20 FT . CBL, NO ARMOR | DTTS-GT-020-N000 | 1 | \$1,264.36 | 38\% | \$783.90 |
| DTTS-HC-020-A020 | DYNASONICS | TRANSD, REM, $1-1 / 4$ COPPER, 20 F. CBL, ARMORED | DTTS-HC-020-A020 | 1 | \$1,536.00 | 38\% | \$952.32 |
| DTTS-HC-020-N000 | DYnasonics | TRANSD, REM, 1-1/4 COPPER, 20 FT. CBL, NO ARMOR | DTTS-HC-020-N000 | 1 | \$1,305.74 | 38\% | \$809.56 |
| DTTS-HP-020-A020 | DYNASONICS | TRANSD, REM, 1-1/4 ANSI, 20 FT. CBL, ARMORED | DTTS-HP-020-A020 | 1 | \$1,536.00 | 38\% | \$952.32 |
| DTTS-HT-020-A020 | DYNASONICS | TRANSD, REM, 1-1/4 OD TUBE, 20 FT. CBL, ARMORED | DTTS-HT-020-A020 | 1 | \$1,496.55 | 38\% | \$927.86 |
| DTTS-HT-020-N000 | DYMasonics | TRANSD, REM, 1-1/4 OD TUBE, 20 FT . CbL, NO ARMOR | DTTS-HT-020-N000 | 1 | \$1,341.00 | 38\% | \$831.42 |
| DTTS-JC-020-A020 | DYNASONICS | TRANSD, REM, 1-1/2 COPPER, 20 FT. CBL, ARMORED | DTTS-JC-020-A020 | 1 | \$1,496.55 | 38\% | \$927.86 |
| DTTS-JP-020-A020 | DYNASONICS | TRANSD, REM, 1-1/2 ANSI, 20 FT. CBL, ARMORED | DTTS-JP-020-A020 | 1 | \$1,536.00 | 38\% | \$952.32 |
| DTTS-JT-020-A020 | DYNASONICS | TRANSD, REM, 1-1/2 OD TUBE, 20 FT . CBL, ARMORED | DTTS-TT-020-A020 | 1 | \$1,536.00 | 38\% | \$952.32 |
| DTTS-T-020-N000 | DYNASONICS | TRANSD, REM, 1-1/2 OD TUBE, 20 FT . CBL, NO ARMOR | DTTS-TT-020-N000 | 1 | \$1,341.00 | 38\% | \$831.42 |
| DTTS-LC-020-A020 | DYnasonics | TRANSD, REM, 2 COPPER, 20 FT. CBL, ARMORED | DTTS-LC-020-A020 | 1 | \$1,633.00 | 38\% | \$1,012.46 |
| DTTS-LC-020-N000 | DYNasonics | TRANSD, REM, 2 COPPER, 20 FT. CbL, NO ARMOR | DTTS-LC-020-N000 | 1 | \$1,400.00 | 38\% | \$868.00 |
| DTTS-LP-020-A020 | DYNASONICS | TRANSD, REM, 2 ANSI, 20 FT. CBL, ARMORED | DTTS-LP-020-A020 | 1 | \$1,633.00 | 38\% | \$1,012.46 |
| DTTS-LT-020-A020 | DYNASONICS | TRANSD, REM, 2 OD TUBE, 20 FT . CBL ARMORED | DTTS-LT-020-A020 | 1 | \$1,633.00 | 38\% | \$1,012.46 |
| DTTS-LT-020-N000 | DYNASONICS | TRANSD, REM, 2 OD TUBE, 20 FT . CBL, NO ARMOR | DTTS-LT-020-N000 | 1 | \$1,438.00 | 38\% | \$891.56 |
| DTTSDP-020-N000 | DYNASONICS | Rem. clamp-on transd. 1/2in ANSI | DTTSDP-020-N000 | 1 | \$1,243.00 | 38\% | \$70.66 |
| DTTSFP-020-N000 | DYnasonics | Rem. clamp-on transd. 3/4in ANSI | DTTSFP-020-N000 | 1 | \$1,209.19 | 38\% | \$749.70 |
| dTTSGP-02--N000 | DYnasonics | Rem. clamp-on transd. 1in ANSI | DTTSGP-020-N000 | 1 | \$1,280.45 | 38\% | \$793.88 |
| DTTSHP-020-N000 | DYNASONICS | Rem. clamp-on transd. 1 1/4in ANSI | DTTSHP-020-N000 | 1 | \$1,305.74 | 38\% | \$809.56 |
| DTTSJP-020-N000 | DYnasonics | Rem. clamp-on transd. $11 / 2 \mathrm{Lin}$ ANSI | DTTSJP-020-N000 | 1 | \$1,305.74 | 38\% | \$809.56 |
| DTTSLP-020-N000 | DYNASONICS | Rem. clamp-on transd. 2in ANSI | DTTSLP-020-N000 | 1 | \$1,400.00 | 38\% |  |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
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units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
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A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
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|  | Patur ${ }_{\text {Proctuct Descripition }}$ | luct Code | "Warranty Period - \# of year(s) afteracceptance as required by Appendix B, | Lst Price | \% Discount | Nss Nel Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |
| Ami300 | E instruments international air qualit analyzer, BASE Unit, No Probes | 16493 | 1 | \$1,919.07 | 38\% | \$1,189.82 |
| AQ100s | E instruments international air quality tester, CO2 \& Temp, fixed probe | 16441 | 1 | \$1,523.10 | 38\% | \$944.32 |
| AQ200 | E InStruments international Air quality tester kit coz, Temp | 16492 | 1 | \$2,626.03 | 38\% | \$1,628.14 |
| AQ200co | e instruments international air qualty tester kit co, coz, Temp, humidity | 19781 | 1 | \$4,619.00 | 38\% | \$2,863.78 |
| AQ200P | E instruments international air qualty tester kit co2, Temp, humidity | 19780 | 1 | \$3,570.00 | 38\% | \$2,213.40 |
| BTU1100-1 | E InStruments internationai combustion analyzer kit | 1100-1 | 1 | \$3,418.00 | 38\% | \$2,119.16 |
| BTU1100-2 | E instruments international combustion analyzer kit, includes smoke oil | 1100-2 | 1 | \$3,962.00 | 38\% | \$2,456.44 |
| CT100cs | E instruments international tachometer with optical and contact | 18144 | 1 | \$876.67 | 38\% | \$543.54 |
| CT1000s | E InStruments international tachometer with optical probe | 16425 | 1 | \$759.03 | 38\% | \$470.60 |
| ETC | E InStruments international tachometry probe contact adapter | 12376 | 1 | \$204.00 | 38\% | \$126.48 |
| FC300 | E instruments international hotwire probe for amisoo, 12 In. Long | 16538 | 1 | \$805.28 | 38\% | \$499.27 |
| FC900 | E instruments international hotwire gooseneck probe for amisoo, 36 In. | 16539 | 1 | \$1,329.80 | 38\% | \$824.48 |
| FK-PFA-05-MM | E INSTRUMENTS InTERNATIONAI THERMOCOUPLE K WIRE PROBE 0.5 SM | FK-PFA-05-MM | 1 | \$60.40 | 38\% | \$37.45 |
| FK-PFA-1-MM | E instruments international thermocouple k wire probe 1 M | FK-PFA-1-MM | 1 | \$66.00 | 38\% | \$40.92 |
| FK-PFA-10-MM | E InStruments international THERMOCOUPLE K WIRE PROBE 10M | FK-PFA-10-MM | 1 | \$133.00 | 38\% | \$82.46 |
| FK-PFA-2-MM | E INSTRUMENTS International thermocouple K Wire probe 2M | FK-PFA-2-MM | 1 | \$74.00 | 38\% | \$45.88 |
| FK-PFA-25-MM | E InStrument international THermocouple k wire probe 25M | FK-PFA-25-MM | 1 | \$243.00 | 38\% | \$150.66 |
| FK-PFA-5-MM | E Instruments international thermocouple k wire probe 5m | FK-PFA-5-MM | 1 | \$98.00 | 38\% | \$60.76 |
| HD100S | E Instruments international thermo-hygrometer t, rh, dewp, black housing | 16426 | 1 | \$828.92 | 38\% | \$513.93 |
| HD150S | E instruments international thermo-hygrometer t, rh, dewp, water res. housing | 16449 | 1 | \$1,007.89 | 38\% | \$624.89 |
| HE100 | E InStrument international vane probe for amisoo, 4.0 In. vane | 16542 | 1 | \$743.12 | 38\% | \$460.73 |
| HE14 | E instruments international vane probe For amisoo, 0.5 In. vane | 16540 | 1 | \$1,212.46 | 38\% | \$751.73 |
| HE70 | E Instruments international vane probe for amizoo, 2.7 In. Vane | 16541 | 1 | \$704.03 | 38\% | \$436.50 |
| HeT14 | E instruments internationai vane probe for amizio, telescopic, 0.5 IN. VANE | 17258 | 1 | \$1,408.01 | 38\% | \$872.97 |
| HR110 | E INSTRUMENTS INTERNATIONAI HYGROMETRY PROBE, PLASTIC, 4.3 In. | 16543 | 1 | \$631.57 | 38\% | \$391.57 |
| HRI300 | E Instruments international HYgrometry probe, Stainless, 11.8 In. | 16544 | 1 | \$1,001.27 | 38\% | \$620.79 |
| LV101S | E Instruments international thermo-anemometer 0.5 In. VAne, fixed | 16422 | 1 | \$1,171.23 | 38\% | \$726.16 |
| Lv107s | E instruments international thermo-anemometer 2.7 in. Vane, fixed | 16423 | 1 | \$934.53 | 38\% | \$579.41 |
| LV110S | E INSTRUMENTS INTERNATIONAI THERMO-ANEMOMETER 4.0 In. VANE, FIXED | 16421 | 1 | \$983.84 | 38\% | \$609.98 |
| LV120S | E Instruments international thermo-anemometer 4.0 In. VAne, integral | LV120S | 1 | \$949.32 | 38\% | \$588.58 |
| LV130S | E instruments international thermo-nnemometer 4.o in. vane, integral, rotating | LV130S | 1 | \$1,003.57 | 38\% | \$622.21 |
| MDP10000 | E InSTRUMENTS International pressure module -40 TO 40 IN. H2O | 16534 | 1 | \$671.92 | 38\% | \$416.59 |
| MDP2000M | E INSTRUMENTS InTERNATIONAI PRESSURE MODULE -29 TO 29 PSI | 18238 | 1 | \$559.94 | 38\% | \$347.16 |
| MDP2500 | E INSTRUMENTS INTERNATIONAI PRESSURE MODULE -10 TO 10 IN. H2O | 16532 | 1 | \$766.49 | 38\% | \$475.22 |
| MDP500 | E INSTRUMENTS INTERNATIONAI PRESSURE MODULE - 2 TO 2 IN. H2O | 16531 | 1 | \$959.19 | 38\% | \$594.70 |
| MDP500M | E InStruments international pressure module -200 TO 200 IN. H2O | 18121 | 1 | \$559.94 | 38\% | \$347.16 |
| MP105 | E INSTRUMENTS INTERNATIINAL DIFF PRESSURE TESTER 0-200 in. H20 | 16418 | 1 | \$766.00 | 38\% | \$474.92 |
| MP120 | E instruments international diff Pressure and air velocity 0-4 in. h2o | 16415 | 1 | \$842.00 | 38\% | \$522.04 |
| MP200G | E instruments international thermo-anemo-manometer -40 TO 40 IN. H2O | 16471 | 1 | \$2,167.40 | 38\% | \$1,343.79 |
| MP200H | E instruments international thermo-anemo-manometer -200 TO 200 In. h2o | 18120 | 1 | \$1,984.94 | 38\% | \$1,230.66 |
| MP200HP | E InStruments international thermo-anemo-manometer -29 TO 29 PSi | 18237 | 1 | \$1,984.94 | 38\% | \$1,230.66 |
| MP200M | E InSTRUMENTS INTERNATIONAI THERMO-ANEMO-MANOMETER-10 TO 10 IN. H2O | 16470 | 1 | \$2,206.86 | 38\% | \$1,368.25 |
| MP200P | E Instruments international thermo-anemo-manometer -2 TO 2 IN. H2O | 16469 | 1 | \$2,354.80 | 38\% | \$1,459.98 |
| RTO | E INSTRUMENTS INTERNATIONAI TACHOMETRY PROBE OPTICAL TAPE | 10378 | 1 | \$79.00 | 38\% | \$48.98 |
| SCO2T | E InStruments international iaq Probe For Ami300, CO2, TEMP | 17009 | 1 | \$1,491.00 | 38\% | \$924.42 |
| Sco2th | E Instruments international iaq Probe for amizoo, Co2, temp, hum | 17010 | 1 | \$2,203.00 | 38\% | \$1,365.86 |
| scot | E instruments international iaq Probe For amisoo, co, Temp | 17008 | 1 | \$1,178.00 | 38\% | \$730.36 |
| SKA110 | E instruments international thermocouple k ambient probe mini plug | SKA110 | 1 | \$140.56 | 38\% | \$87.15 |
| SkA150 | E InSTRUMENTS International Thermocouple k Ambient probe with handle | SKA150 | 1 | \$248.00 | 38\% | \$153.76 |
| SKC150 | E instruments international thermocouple k Contact probe | SKC150 | 1 | \$278.73 | 38\% | \$172.81 |
| SKCL150 | E INSTRUMENTS InTERNATIONAI THERMOCOUPLE K LAMELLA CONTACT Probe | SKCL150 | 1 | \$301.74 | 38\% | \$187.08 |
| SKClC150 | E instruments international thermocouple k Lamela bent contact probe | SKCLC150 | 1 | \$313.25 | 38\% | \$194.22 |
| SkG150 | E instruments international thermocouple k general use probe 150Mm | SKG150 | 1 | \$200.42 | 38\% | \$124.26 |
| SkG250 | E Instruments international thermocouple k general use probe 250Mm | SKG250 | 1 | \$218.63 | 38\% | \$135.55 |
| SkG500 | E instruments international thermocouple k general use probe 500Mm | SkG500 | 1 | \$317.00 | 38\% | \$196.54 |
| SKP1000 | E INSTRUMENTS International Thermocouple k Compost probe 1000MM | SKP1000 | 1 | \$629.00 | 38\% | \$389.98 |
| SKP150 | E INSTRUMENTS INTERNATIONAI THERMOCOUPLE K PRICKING PROBE | SKP150 | 1 | \$233.00 | 38\% | \$144.46 |
| SKP1500 | E INSTRUMENTS InTERNATIONAI THERMOCOUPLE K COMPOST PROBE 1500MM | SKP1500 | 1 | \$689.00 | 38\% | \$427.18 |
| SKP2000 | E InStrument international THERMOCOUPLE K COMPOST PROBE 2000MM | SKP2000 | 1 | \$980.00 | 38\% | \$607.60 |
| SkV150 | E INSTRUMENTS International thermocouple k velcro pipe probe 1.5M Cable | SkV150 | 1 | \$150.96 | 38\% | \$93.60 |
| Skv300 | E instruments international thermocouple k velcro pipe probe 3.0M Cable | SkV300 | 1 | \$169.18 | 38\% | \$104.89 |
| Skv500 | E InStruments international Thermocouple k velcro pipe probe 5.0M Cable | SkV500 | 1 | \$200.42 | 38\% | \$124.26 |
| SL100 | E InSTRUMENTS International Portable solarimeter, 3 DAY MEmory | SL100 | 1 | \$2,116.00 | 38\% | \$1,311.92 |
| SL200 | E Instruments international Portable solarimetrr, 31 DaY Memory, PC interrace | SL200 | 1 | \$3,409.00 | 38\% | \$2,113.58 |
| SVTH | E instruments international iaq probe For amizion, Telescopic, vel, TEMP, Hum. | 17007 | 1 | \$1,665.00 | 38\% | \$1,032.30 |
| TK100 | E InStruments international digital thermometer, 1-CHANNEL | 16427 | 1 | \$438.00 | 38\% | \$271.56 |
| TK102 | E instruments international digital thermometer, 2 -Channel | 16431 | 1 | \$459.89 | 38\% | \$285.13 |
| TOP | E Instruments international tachometry probe for amisoo, optical | 16530 | 1 | \$460.39 | 38\% | \$285.44 |
| VT100s | E instruments international thermo-anemometer 12 IN. HOTWire, fixed | 16424 | 1 | \$887.67 | 38\% | \$550.36 |
| vT200 | E InStrument international thermo-anemometer base unit, no probes | 17564 | 1 | \$1,639.73 | 38\% | \$1,016.63 |
| VT200F | E INSTRUMENTS INTERNATIONAI THERMO-ANEMOMETER INCLUDES HOTWIRE PROBE | 16472 | 1 | \$2,315.34 | 38\% | \$1,435.51 |
| VT200H | E instrument international thermo-Anemometer includes 2.7 In. Vane probe | 16484 | 1 | \$2,157.54 | 38\% | \$1,337.67 |
| VT200L | E instruments international thermo-anemometer includes 4.0 In. VAne probe | 16485 | 1 | \$2,192.06 | 38\% | \$1,359.08 |
| VT200p | E InSTRUMENTS International thermo-anemometer includes 0.5 In vane probe | 16486 | 1 | \$2,734.52 | 38\% | \$1,695.40 |
| VT200tF | E InSTRUMENTS Internationai thermo-anemometer incl goosneck hotwire probe | 16483 | 1 | \$2,734.52 | 38\% | \$1,695.40 |
| VT200TP | E instruments international thermo-anemometer incl telescopic 0.5 In. vane | 16487 | 1 | \$2,971.24 | 38\% | \$1,842.17 |
| EE65-01-VB3 | E+E Elektronik Corporation AIR FLOW SENSOR 3.9" PROBE | EE65-01-VB3 | 1 | \$790.00 | 38\% | \$489.80 |
| EE65-01-VB5 | E+E Elektronik Corporation AIR FLOW SENSOR 7.9" PROBE | EE65-01-VB5 | 1 | \$790.00 | 38\% | \$489.80 |
| EE66-01-VB3 | E+E Elektronik Corporation LOW AIRFLOW VELOCITY TRANSMITTER 3.9IN PROBE | EE66-VB3 + HA011101 | 1 | \$1,677.27 | 38\% | \$1,039.91 |
| EE66-01-VB5 | E+E Elektronik Corporation LOW AIRFLOW VELOCITY TRANSMITTER 7.9IN PROBE | EE66-VB5 + HA011101 | 1 | \$1,677.27 | 38\% | \$1,039.91 |
| EE160-HT3xAPAB-TX076N | E+E Elektronik Corporation RH/T SENSOR 0-10V/PASSIVE PT 100 din a WaLl Mount | EE160-HT3XAPAB-TX076N | 1 | \$592.30 | 38\% | \$367.23 |
| EE160-HT3xAPBB-TX083N | E+E Elektronik Corporation RH/T SENSOR 0-10V/PASSIVE PT 100 din a duct Mount | EE160-HT3XAPBB-TX083N | 1 | \$592.30 | 38\% | \$367.23 |
| EE160-HT3xCPAB-TX076N | E+E Elektronik Corporation RH/T SENSOR 0-10V/PASSIVE PT 1000 din a wall Mount | EE160-HT3XCPAB-TX076N | 1 | \$592.30 | 38\% | \$367.23 |
| EE160-HTTXCPBB-TX083N | E+E Elektronik Corporation RH/T SENSOR 0-10V/PASSIVE PT 1000 DIN A DUCT MOUNT | EE160-HTTXCPBB-TX083N | 1 | \$592.30 | 38\% | \$367.23 |
| EE160-HT3xEPAB-TX076N | E+E Elektronik Corporation RH/T SENSOR 0-10V \& PASSIVE NTC 10 K WALL MOUNT | EE160-HT3xEPAB-TX076N | 1 | \$592.30 | 38\% | \$367.23 |
| EE160-HT3xEPBB-TX083N | E+E Elektronik Corporation RH/T SENSOR $0-10 \mathrm{C}$ \& PASSIVE NTC 10 K DUCT MOUNT | EE160-HT3XEPBB-TX083N | 1 | \$592.30 | 38\% | \$367.23 |
| EE160-HT3xPAB-TX076N | E+E Elektronik Corporation RH/T SENSOR 0-10V WALL MOUNT | EE160-HT3xPAB-TX076N | 1 | \$365.38 | 38\% | \$226.54 |
| EE160-HT3x>PBB-TX083N | E+E Elektronik Corporation RH/T SENSOR 0-10V DUCT MOUNT | EE160-HT3xPPBB-TX083N | 1 | \$365.38 | 38\% | \$226.54 |
| EE160-HT6xAPAB-TX076N | E+E Elektronik Corporation RH/T SENSOR 4-20 MA/PASSIVE PT 100 din A WALL MNT | EE160-HT6xAPAB-TX076N | 1 | \$592.30 | 38\% | \$367.23 |
| EE160-HT6xAPBB-TX083N | E+E Elektronik Corporation RH/T SENSOR 4-20 MA/PASSIVE PT 100 din A duct Mnt | EE160-HT6xAPBB-TX083N | 1 | \$592.30 | 38\% | \$367.23 |
| EE160-HT6xCPAB-TX076N | E+E Elektronik Corporation RH/T SENSOR 4-20 MAPPASSIVE PT 1000 din a wall Mnt | EE160-HT6xCPAB-TX076N | 1 | \$592.30 | 38\% | \$367.23 |
| EE160-HT6xCPBB-TX083N | E+E Elektronik Corporation RH/T SENSOR 4-20 MA/PASSIVE PT 1000 din a duct Mnt | EE160-HT6xCPBB-TX083N | 1 | \$592.30 | 38\% | \$367.23 |
| EE160-HT6xEPAB-TX076N | E+E Elektronik Corporation RH/T SENSOR 4-20 MA \& PASSIVE NTC 10K WALL MOUNT | EE160-HT6xEPAB-TX076N | 1 | \$592.30 | 38\% | \$367.23 |
| EE160-HT6xEPBB-TX083N | E+E Elektronik Corporation RH/T SENSOR 4-20 MA \& PASSIVE NTC 10K DUCT MOUNT | EE160-HT6xEPBB-TX083N | 1 | \$388.46 | 38\% | \$240.85 |
| EE160-HT6xPPAB-TX076N | E+E Elektronik Corporation RH/T SENSOR 4-20 MA WALL MOUNT | EE160-HT6xPPAB-TX076N | 1 | \$365.38 | 38\% | \$226.54 |
| EE160-HT6x>PBB-TX083N | E+E Elektronik Corporation RH/T SENSOR 4-20 MA DUCT MOUNT | EE160-HT6xPPBB-TX083N | 1 | \$365.38 | 38\% | \$226.54 |
| EE31-MFTA3 | E+E Elektronik Corporation RH/TEMP XMTR, METAL ENCL | EE31-MFTA3//AB6-E01-T02 | 1 | \$4,057.89 | 38\% | \$2,515.89 |
| EE31-MFTA3-D05 | E+E Elektronik Corporation RH/TEMP XMTR, METAL ENCL W/DISPLAY | EE33-MFTA3-D05//AB6-E01-T02 | 1 | \$5,077.78 | 38\% | \$3,148.22 |
| EE31-PFTA3 | E+E E Elektronik Corporation RH/TEMP XMTR, PLASTIC ENCL | EE31-PFTA3//AB6-E01-T02 | 1 | \$3,894.44 | 38\% | \$2,414.55 |
| EE31-PFTA3-D05 | E+E Elektronik Corporation RH/TEMP XMTR, PLASTIC ENCL W/ DISPLAY | EE31-PFTA3-D05//AB6-E01-T02 | 1 | \$4,442.11 | 38\% | \$2,754.11 |
| EE46 | E+E Elektronik Corporation CONDENSATION MONITOR | EE46 | 1 | \$310.00 | 38\% | \$192.20 |
| HA011059 | E+E Elektronik Corporation EE160 SERRIES CONFIGURATION CABLE | HA011059 | 1 | \$228.76 | 38\% | \$141.83 |
| EE03-ヶ9 | E+E Elektronik Corporation RH/T MODULE FOR INSTALLATION IN SMALL SPACES | EЕ03-79 | 1 | \$280.92 | 38\% | \$174.17 |
| EE07-MFT9 | E+E Elektronik Corporation RH/T PROBE FOR CLEAN ROOM APP, FOOD Industry | EE07-MFT9 | 1 | \$762.07 | 38\% | \$472.48 |
| EE07-MT | E+E Elektronik Corporation T PROBE FOR CLEAN ROOM APP, FOOD AND INDUSTRY | EE07-MT | 1 | \$690.34 | 38\% | \$428.01 |

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commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these commission and which are integr.
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c) As part of the and in conjunction with the contractor providing the aforementioned instalaal, systems.

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A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' $\mathbf{l}$ location in the event of a fire or emergency.


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c) As part of the and in conjunction with the contractor providing the aforementioned installaia, systems integration, or mainten er of Integrated Microprocessor-Based HVAC Equipment

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|  |  |  | Varranty Period - \# of year(s) after |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Lsis Price | \% Discoumt | NYS Nat Price |
| 869STR-G-N5 | EDWARDS SIGNALING/UTC Fire 8 INDR STRB HORN GREEN 120 VAC | 869STRG-N5 | 1 | \$586.65 | 38\% | \$363.72 |
| 869STR-R-AQ | EDWARDS SIGNALING/UTC Fire 8 Indr STRB Horn red 24 AC/DC | 869STRR-AQ | 1 | \$563.31 | 38\% | \$349.25 |
| 869STR-R-N5 | EDWARDS SIGNALING/UTC Fire 8 INDR STRB Horn Red 120 VAC | 869STRR-N5 | 1 | \$577.31 | 38\% | \$357.93 |
| 89STR-A-AQ | EDWARDS SIGNALING/UTC Fire 8 INDOOR STROBE AMBER 24 AC/DC | 89STRA-AQ | 1 | \$421.98 | 38\% | \$261.63 |
| 89STR-A-N5 | EDWARDS SIGNALING/UTC Fire 8 Indoor Strobe amber 120 VAC | 89STRA-N5 | 1 | \$428.80 | 38\% | \$265.86 |
| 89STR-B-AQ | EDWARDS SIGNALING/UTC Fire 8 Indoor STROBE BLUE 24 AC/DC | 89STRB-AQ | 1 | \$428.90 | 38\% | \$265.92 |
| 89STR-B-N5 | EDWARDS SIGNALING/UTC Fire 8 Indoor Strobe blue 120 VAC | 89STRB-N5 | 1 | \$428.80 | 38\% | \$265.86 |
| 89STR-C-AQ | EDWARDS SIGNALING/UTC Fire 8 INDOOR STROBE CLEAR 24 AC/DC | 89STRC-AQ | 1 | \$428.80 | 38\% | \$265.86 |
| 895TR-C-N5 | EDWARDS SIGNALING/UTC Fire 8 Indoor STROBE CLEAR 120 VAC | 89STRC-N5 | 1 | \$428.80 | 38\% | \$265.86 |
| 89STR-G-AQ | EDWARDS SIGNALING/UTC Fire 8 INDOOR STROBE GREEN 24 AC/DC | 89STRG-AQ | 1 | \$428.80 | 38\% | \$265.86 |
| 89STR-G-N5 | EDWARDS SIGNALING/UTC Fire \& Indoor strobe green 120 Vac | 89STRG-N5 | 1 | \$428.80 | 38\% | \$265.86 |
| 89STR-R-AQ | EDWARDS SIGNALING/UTC Fire 8 INDOOR STROBE RED 24 AC/DC | 89STRR-AQ | 1 | \$422.07 | 38\% | \$261.68 |
| 89STR-R-N5 | EDWARDS SIGNALING/UTC Fire 8 Indoor Strobe red 120 VaC | 89STRR-N5 | 1 | \$428.80 | 38\% | \$265.86 |
| P-039964-1243 | EDWARDS SIGNALING/UTC Fire 8 MTG BRACKET FOR EDWARDS STROBES AND LIGHTS | P-039964-1243 | 1 | \$9.66 | 38\% | \$5.99 |
| P-007549-0082 | EDWARDS SIGNALING/UTC Fire 8 WEATHERPROOF GASKET FOR MODEL 868 | P-007549-0082 | 1 | \$14.45 | 38\% | \$8.96 |
| P-047697-0170401 | EDWARDS SIGNALING/UTC Fire \& SURFACE BOX FOR MODEL 89 AND 869 | P-047697-0170401 | 1 | \$130.91 | 38\% | \$81.16 |
| P-047701-0314401 | EDWARDS SIGNALING/UTC Fire 8 WEATHERPROOF BOX FOR MODEL 868 | P-047701-0314401 | 1 | \$185.45 | 38\% | \$114.98 |
| 105BM | EDWARDS SIGNALING/UTC Fire 8 WALL BRACKET FOR 105 SERIES | 105BM | 1 | \$116.28 | 38\% | \$72.09 |
| 105BX | EDWARDS SIGNALING/UTC Fire \& SURFACE MOUNT BOX FOR 105 SERIES | 105BX | 1 | \$81.80 | 38\% | \$50.72 |
| 105PM | EdWards signaling/utc fire \& PIPE MOUNT BASE FOR 105 SERIES | 105PM | 1 | \$60.31 | 38\% | \$37.39 |
| 105STA-N5 | EDWARDS SIGNALING/UTC Fire 8 div 2 STROBE AMBER 120V | 105STA-N5 | 1 | \$643.55 | 38\% | \$399.00 |
| 105STB-N5 | EDWARDS SIGNALING/UTC Fire 8 div 2 STROBE BLUE 120 V | 105STB-N5 | 1 | \$643.55 | 38\% | \$399.00 |
| 105STR-N5 | EdWARDS SIGNALING/UTC Fire 8 DIV 2 STROBE RED 120 V | 105STR-N5 | 1 | \$624.95 | 38\% | \$387.47 |
| $116-G R D$ | EDWARDS SIGNALING/UTC Fire \& DOME GUARD | 116-GRD | 1 | \$149.28 | 38\% | \$92.55 |
| 116EX-B | EDWARDS SIGNALING/UTC Fire 8 WALL BRACKET MOUNT | 116EX-B | 1 | \$632.14 | 38\% | \$391.93 |
| 116 Ex -C | EdWARDS SIGNALING/UTC Fire \& CEILING MOUNT | 116EX-C | 1 | \$823.11 | 38\% | \$510.33 |
| 116EX-P | EDWARDS SIGNALING/UTC Fire \& PENDENT MOUNT | 116EX-P | 1 | \$743.26 | 38\% | \$460.82 |
| 116EX-S | EDWARDS SIGNALING/UTC Fire \& StANCHION MOUNT | 116EX-S | 1 | \$912.73 | 38\% | \$565.89 |
| 116EXMSTA-N5 | EDWARDS SIGNALING/UTC Fire \& div $1 \& 2$ STROBE AMBER LENS 120VaC | 116EXMSTA-N5 | 1 | \$3,522.21 | 38\% | \$2,183.77 |
| 116EXMSTB-N5 | EDWARDS SIGNALING/UTC Fire 8 div $1 \& 2$ STROBE BLUE LENS 120VAC | 116EXMSTB-N5 | 1 | \$3,522.21 | 38\% | \$2,183.77 |
| 116EXMSTR-N5 | EDWARDS SIGNALING/UTC Fire \& DIV $1 \& 2$ STROBE RED LENS 120VAC | 116EXMSTR-N5 | 1 | \$3,404.81 | 38\% | \$2,110.98 |
| 5530M-120N5 | EDWARDS SIGNALING/UTC Fire 8 div 2 HoRN 120V 120V ACTIVATION | 5530M-120N5 | 1 | \$2,396.68 | 38\% | \$1,485.94 |
| 5530M-24N5 | EDWARDS SIGNALING/UTC Fire 8 div 2 Horn 120V 24VDC Activation | 5530M-24N5 | 1 | \$2,324.87 | 38\% | \$1,441.42 |
| 878EX-N5 | EDWARDS SIGNALING/UTC Fire \& Div 182 HORN 120 V | 878EX-N5 | 1 | \$2,284.23 | 38\% | \$1,416.22 |
| 879EX-G1 | EDWARDS SIGNALING/UTC Fire 8 div 182 HORN 24VDC | 879EX-61 | 1 | \$2,774.82 | 38\% | \$1,720.39 |
| 918 -ST | EDWARDS SIGNALING/UTC Fire 8 LAMP FOR 105 SERIES | 91B-ST | 1 | \$166.42 | 38\% | \$103.18 |
| TWS-A-GN | Ee Controls, inc. 24 V AC/DC VARIABLE SOUND Horn | TWS-A-GN (QT\# Q060921) | 1 | \$157.00 | 38\% | \$97.34 |
| TWS-AA | EE CONTROLS, INC. 110VAC Variable Sound horn | TWS-AA (QT\#Q060921) | 1 | \$167.00 | 38\% | \$103.54 |
| TWS-BA15D-A | EE CONTROLS, INC. 110VAC REPLACEMENT IC LAMP | TWS-BA15D-A (QT\# Q060921) | 1 | \$8.70 | 38\% | \$5.39 |
| TWS-BA15D-G | Ee Controls, inc. 24VAC REPLACEMENT IC LAMP | TWS-BA15D-G (QT\# Q060921) | 1 | \$8.70 | 38\% | \$5.39 |
| TWS-BA150-N | EE CONTROLS, INC. 24VDC REPLACEMENT IC LAMP | TWS-BA15D-N (QT\# Q060921) | 1 | \$8.70 | 38\% | \$5.39 |
| TWS-BC | EE CONTROLS, INC. BASE MODULE AND CAP | TWS-BC (QT\# Q060921) | 1 | \$83.00 | 38\% | \$51.46 |
| TWS-BP1 | Ee Controls, inc. Wall Mount base 1 SINGLE END | TWS-BP1 (QT\#Q060921) | 1 | \$32.00 | 38\% | \$19.84 |
| TWS-BP2 | ee Controls, inc. Wall mount base 2 double end | TWS-BP2 (QT\# Q060921) | 1 | \$36.00 | 38\% | \$22.32 |
| TWS-BS | EE CONTROL, INC. BASE 1/2in NPT | TWS-BS (QT\# Q060921) | 1 | \$22.00 | 38\% | \$13.64 |
| TWS-F1-A | Ee CONTROLS, INC. 110VAC CONtinuous blue ic light | TWS-F1-A (QT\# Q060921) | 1 | \$66.00 | 38\% | \$40.92 |
| TWS-F1-G | ee Controls, inc. 24 VaC Continuous blue ic light | TWS-F1-G (QT\# Q060921) | 1 | \$66.00 | 38\% | \$40.92 |
| TWS-F1-N | EE CONTROLS, INC. 24VDC CONTINUOUS BLLE IC LIGHT | TWS-F1-N (QT\# Q060921) | 1 | \$66.00 | 38\% | \$40.92 |
| TWS-12-A | Ee Controls, inc. 110VAC Continuous amber ic light | TWS-F2-A (QT\# Q060921) | 1 | \$66.00 | 38\% | \$40.92 |
| TWS-F2-G | Ee CONTROLS, inc. 24VAC COntinuous Amber ic light | TWS-F2-G (QT\# Q060921) | 1 | \$66.00 | 38\% | \$40.92 |
| TWS-F3-A | EE CONTROLS, INC. 110VAC Continuous red ic light | TWS-F3-A (QT\# Q060921) | 1 | \$66.00 | 38\% | \$40.92 |
| TWS-F3-G | ee Controls, inc. 24 V C Continuous red ic light | TWS-F3-G (QT\# Q060921) | 1 | \$63.00 | 38\% | \$39.06 |
| TWS-F3-N | Ee Controls, inc. 24 VCDC Continuous red ic light | TWS-F3-N (QT\# Q060921) | 1 | \$66.00 | 38\% | \$40.92 |
| TWS-F4-A | EE CONTROLS, INC. 110VAC CONTINUOUS GREEN IC Light | TWS-F4-A (QT\# Q060921) | 1 | \$66.00 | 38\% | \$40.92 |
| TWS-F4-G | ee Controls, inc. 24VAC Continuous green ic light | TWS-44-G (QT\# Q060921) | 1 | \$63.00 | 38\% | \$39.06 |
| TWS-F4-N | Ee CONTROLS, inc. 24VDC Continuous green ic light | TWS-F4-N (QT\# Q060921) | 1 | \$66.00 | 38\% | \$40.92 |
| TWS-55-A | EE CONTROLS, INC. 110VAC CONTINUOUS YELLOW IC LIGHT | TWS-F5-A (QT\# Q060921) | 1 | \$66.00 | 38\% | \$40.92 |
| TWS-55-G | Ee Controls, inc. 24VAC Continuous yelow ic light | TWS-F5-G (QT\# Q060921) | 1 | \$65.00 | 38\% | \$40.30 |
| TWS-F5-N | ee Controls, inc. 24 VCDC Continuous yellow ic light | TWS-F5-N (QT\# Q060921) | 1 | \$66.00 | 38\% | \$40.92 |
| TWS-66-A | Ee CONTROLS, INC. $\quad 110 \mathrm{VAC}$ C Continuous Cleat ic light | TWS-F6-A (QT\# Q060921) | 1 | \$66.00 | 38\% | \$40.92 |
| TWS-F6-G | Ee CONTROLS, INC. 24VAC COntinuous Clear ic light | TWS-F6-G (QT\# Q060921) | 1 | \$66.00 | 38\% | \$40.92 |
| TWS-F6-N | Ee CONTROLS, INC. 24VDC CONTINUOUS CLEAR IC LIGHT | TWS-F6-N (QT\# Q060921) | 1 | \$66.00 | 38\% | \$40.92 |
| TWS-FLI-A | EE CONTROLS, INC. 110VAC Continuous blue led | TWS-FLI-A (QT\# Q060921) | 1 | \$333.00 | 38\% | \$206.46 |
| TWS-FLI-G | ee Controls, inc. 24VAC Continuous blue led | TWS-FL1-G (QT\# Q060921) | 1 | \$189.00 | 38\% | \$117.18 |
| TWS-FL-N | ee Controls, inc. 24VDC Continuous blue led | TWS-FL1-N (QT\# Q060921) | 1 | \$333.00 | 38\% | \$206.46 |
| TWS-FL2-A | EE CONTROLS, INC. 110 VAC CONTINUOUS AMBER LED | TWS-FL2-A (QT\# Q060921) | 1 | \$194.00 | 38\% | \$120.28 |
| TWS-FL2-G | Ee CONTROLS, INC. 24VAC CONTINUOUS AMBER LED | TWS-FL2-G (QT\# Q060921) | 1 | \$190.00 | 38\% | \$117.80 |
| TWS-FL2-N | EE CONTROLS, INC. 24VDC CONTINUOUS AMBER LED | TWS-FL2-N (QT\# Q060921) | 1 | \$194.00 | 38\% | \$120.28 |
| TWS-LL3-A | EE CONTROLS, INC. 110VAC CONTINUOUS RED LED | TWS-LL3-A (QT\# Q060921) | 1 | \$194.00 | 38\% | \$120.28 |
| TWS--L3-G | EE CONTROLS, INC. 24VAC CONTINUOUS RED LED | TWS-FL3-G (QT\# Q060921) | 1 | \$186.00 | 38\% | \$115.32 |
| TWS-FLL-N | Ee Controls, inc. $\quad 24 \mathrm{VCD}$ Continuous red led | TWS-FL3-N (QT\# Q060921) | 1 | \$194.00 | 38\% | \$120.28 |
| Tws-fl4-A | ee controls, inc. 110 VAC Continuous gren led | TWS-FL4-A (QT\# Q060921) | 1 | \$186.18 | 38\% | \$115.43 |
| TWS-FL4-G | ee Controls, inc. 24VaC Continuous green led | TWS-FL4-G (QT\# Q060921) | 1 | \$185.00 | 38\% | \$114.70 |
| TWS-FL-N | EE CONTROLS, INC. 24VDC CONTINUOUS GREEN LED | TWS-FL4-N (QT\# Q060921) | 1 | \$186.18 | 38\% | \$115.43 |
| TWS-FLL-A | Ee Controls, inc. 110VAC CONTINUOUS YELLOW Led | TWS-FL-A A (QT\# Q060921) | 1 | \$194.00 | 38\% | \$120.28 |
| TWS-LL5-G | Ee COntrols, inc. 24VAC Continuous yelow Led | TWS-FL5-G (QT\# Q060921) | 1 | \$190.00 | 38\% | \$117.80 |
| TWS-FLL-N | EE CONTROLS, INC. 24VDC CONTINUOUS YELLOW LED | TWS-FLL-N (QT\# Q060921) | 1 | \$194.00 | 38\% | \$120.28 |
| TWS-KIT | Ee Controls, inc. base and stem pedestal | TWS-KIT (QT\# Q060921) | 1 | \$40.00 | 38\% | \$24.80 |
| TWS-L1-A | EE CONTROLS, INC. 110VAC FLASHING BLUE IC LIGHT | TWS-L1-A (QT\# Q060921) | 1 | \$182.00 | 38\% | \$112.84 |
| TWS-L1-G | Ee CONTROLS, INC. 24VAC FLASHING BLUE IC LIGHT | TWS-L1-G (QT\# Q060921) | 1 | \$182.00 | 38\% | \$112.84 |
| TwS-L1-N | EE CONTROLS, INC. 24VDC FLAShing blue ic light | TWS-L1-N (QT\# Q060921) | 1 | \$182.00 | 38\% | \$112.84 |
| TWS-L2-A | EE CONTROLS, INC. 110VAC FLASHING AMBER IC LIGHT | TWS-L2-A (QT\# Q060921) | 1 | \$182.00 | 38\% | \$112.84 |
| TWS-L2-6 | Ee Controls, inc. 24 V C F FLASHING AMBER IC LIGHT | TWS-L2-G (QT\# Q060921) | 1 | \$182.00 | 38\% | \$112.84 |
| TWS-L2-N | EE CONTROLS, INC. 24VDC FLASHING AMBER IC Light | TWS-L2-N (QT\# Q060921) | 1 | \$182.00 | 38\% | \$112.84 |
| TWS-L3-A | EE CONTROLS, INC. 110VAC FLASHING RED IC Light | TWS-L3-A (QT\# Q060921) | 1 | \$182.00 | 38\% | \$112.84 |
| TWS-L3-G | EE CONTROLS, InC. 24VAC FLASHING RED IC Light | TWS-L3-G (QT\# Q060921) | 1 | \$175.00 | 38\% | \$108.50 |
| TWS-L3-N | EE CONTROLS, InC. 24VDC FLASHING RED IC LIGHT | TWS-L3-N (QT\# Q060921) | 1 | \$182.00 | 38\% | \$112.84 |
| TwS-4-A | Ee Controls, inc. 110VAC FLASHING GREEN IC Light | TWS-L4-A (QT\# Q060921) | 1 | \$182.00 | 38\% | \$112.84 |
| TWS-4-G | Ee CONTROLS, INC. 24 ALC C FLASHING GREEN IC LIGHT | TWS-L4-G (QT\# Q060921) | 1 | \$178.00 | 38\% | \$110.36 |
| TWS-4-N | EE CONTROLS, INC. 24VDC FLASHING GREEN IC LIGHT | TWS-L4-N (QT\# Q060921) | 1 | \$182.00 | 38\% | \$112.84 |
| TWS-L5-A | EE CONTROLS, INC. 110VAC FLASHING YELLOW IC Light | TWS-L5-A (QT\# Q060921) | 1 | \$182.00 | 38\% | \$112.84 |
| TWS-L5-G | Ee Controls, inc. 24VAC FLASHING YELLOW IC Light | TWS-L5-G (QT\# Q060921) | 1 | \$175.00 | 38\% | \$108.50 |
| TWS-L5-N | EE CONTROLS, INC. 24VDC FLASHING YELLOW IC LIGHT | TWS-L5-N (QT\# Q060921) | 1 | \$182.00 | 38\% | \$112.84 |
| TWS-L6-A | Ee Controls, inc. 110VAC FLASHING CLEAR IC Light | TWS-L6-A (QT\# Q060921) | 1 | \$182.00 | 38\% | \$112.84 |
| TwS-6-6 | EE CONTROLS, INC. 24VAC FLASHING CLEAR IC LIGHT | TWS-L6-G (QT\# Q060921) | 1 | \$182.00 | 38\% | \$112.84 |
| TWS-L6-N | EE CONTROLS, INC. 24VDC FLASHING CLEAR IC LIGHT | TWS-L6-N (QT\# Q060921) | 1 | \$182.00 | 38\% | \$112.84 |
| TWS-LEDI-A | Ee CONTROLS, INC. 110VAC BLUE REPLACEMENT LED | TWS-LED1-A (QT\# Q060921) | 1 | \$289.00 | 38\% | \$179.18 |
| TWS-LED1-G | ee Controls, inc. 24 VaC C blue replacement led | TWS-LED1-G (QT\# Q060921) | 1 | \$289.00 | 38\% | \$179.18 |
| TWS-LED1-N | EE CONTROLS, INC. 24VDC BLUE REPLACEMENT LED | TWS-LED1-N (QT\# Q060921) | 1 | \$289.00 | 38\% | \$179.18 |
| TWS-LED2-A | EE CONTROLS, INC. 110VAC AMBER REPLACEMENT LED | TWS-LED2-A (QT\# Q060921) | 1 | \$147.00 | 38\% | \$91.14 |
| TWS-LED2-G | ee Controls, inc. 24VAC Amber replacement led | TWS-LED2-G (QT\# Q060921) | 1 | \$147.00 | 38\% | \$91.14 |
| TWS-LED2-N | EE CONTROLS, INC. 24VDC AMBER REPLACEMENT LED | TWS-LED2-N (QT\#Q060921) | 1 | \$147.00 | 38\% | \$91.14 |
| TWS-LED3-A | EE CONTROLS, INC. $\quad$ IIVVAC RED REPLACEMENT LED | TWS-LED3-A ( QT \# 0060921 ) | 1 | \$147.00 | 38\% | \$91.14 |
| TWS-LED3-G | EE CONTROLS, INC. 24VAC RED REPLACEMENT LED | TWS-LED3L-G (QT\# Q060921) | 1 | \$147.00 | 38\% | \$91.14 |
| TWS-LED3-N | EE CONTROLS, INC. 24VDC RED REPLACEMENT LED | TWS-LED3-N (QT\# Q060921) | 1 | \$147.00 | 38\% | \$91.14 |

The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Installedl] Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenate of Integrated Microprocessor-Based HVAC Equipment;

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms video video conferencing equipment, Theatre Screens Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' $\mathbf{l o c a t i o n ~ i n ~ t h e ~ e v e n t ~ o f ~ a ~ f i r e ~ o r ~ e m e r g e n c y . ~}$


The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted Inctledl Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize cerian eors (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenate of Integrated Microprocessor-Based HVAC Equipmen

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controte I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
B. Audio-Video equipment or systems (e.g, smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens Displays, etc.)

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely us
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

|  | Mantracurer | Sutce Dessifiplion |  | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54" | List Price | \% Discount | Nvs Nel |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| XLS18k-60-0 | EE CONTROLS, INC. | 24 V COIL, STR,N $1,200-600 \mathrm{VAC}, \mathrm{OS}, \mathrm{OLL}$-23 | XLS188-60-0 | 1 | \$522.00 | 38\% | \$323.64 |
| XLS18K-GO-P | EE CONTROLS, INC. | 24 V COIL, STR,N 1, $200-600 \mathrm{VAC}, \mathrm{OS}$, OVL-32 | XLS18k-G0-P | 1 | \$522.00 | 38\% | \$323.64 |
| XLS18K-G1-L | Ee CONTROLS, INC. | 24 V COIL, STR, $11,200-600 \mathrm{VAC}$, ENC N 1, OVL-8 | xLS18k-G1-L | 1 | \$719.00 | 38\% | \$445.78 |
| XLS18k-G1-M | EE CONTROLS, INC. | 24 C Coil, STR,N 1, 200-600 VAC,ENC 1 1, OVL-12 | XLS188-G1-M | 1 | \$719.00 | 38\% | \$445.78 |
| XLS18k-G1-N | Ee Controls, inc. | 24 C COIL, STR,N $1,200-600 \mathrm{VAC}$, ENC N 1, OVL-17 | xLS18k-G1-N | 1 | \$719.00 | 38\% | \$445.78 |
| XLS18k-G1-0 | Ee Controls, inc. | 24 V Coil, STR,N $1,200-600 \mathrm{VAC}$, ENC N 1, OVL-23 | xLS18k-G1-O | 1 | \$719.00 | 38\% | \$445.78 |
| XLS18K-G1-P | Ee CONTROLS, INC. | 24 V Coil, STR, $1,200-600 \mathrm{VAC}$, ENC N 1 , OVL-32 | xLSS18-61-P | 1 | \$777.00 | 38\% | \$481.74 |
| XLS37K-A0-P | Ee CONTROLS, INC. | 120 V CoIL, STR, N $2,200-600 \mathrm{VAC}, \mathrm{OS}$, OVL-32 | XLS37K-A0-P | 1 | \$850.00 | 38\% | \$527.00 |
| XLS37K-A0-Q | Ee CONTROLS, INC. | 120 V CoIL, STR,N $2,200-600 \mathrm{VAC}, 0 \mathrm{~S}$, OVL-50 | XLS37K-A0-Q | 1 | \$850.00 | 38\% | \$527.00 |
| XLS37K-AO-RN | Ee CONTROLS, INC. | 120 V CoIL, STR, N $2,200-600 \mathrm{VAC,OS}, \mathrm{OLL}$-63 | XLS37-AO-RN | 1 | \$850.00 | 38\% | \$527.00 |
| XLS37--A0-SN | EE CONTROLS, INC. | 120 V COIL, STR,N $2,200-600 \mathrm{VAC,0S}$, OVL-80 | XLS37--A0-SN | 1 | \$850.00 | 38\% | \$527.00 |
| XLS37K-A1-P | EE CONTROLS, INC. | 120 V COLL, STR, 2 2, $200-600 \mathrm{VAC}$, ENC N 1, OLL-32 | XLS37K-A1-P | 1 | \$1,099.00 | 38\% | \$681.38 |
| XLS37K-A1-Q | EE CONTROLS, INC. | 120 V COLL, STR, $2,200-600$ VAC, ENC N 1, OVL-50 | XLS37K-A1-Q | 1 | \$1,099.00 | 38\% | \$681.38 |
| XLS37--A1-RN | EE CONTROLS, INC. | 120 V COLL, STR, 2 2, $200-600 \mathrm{VAC}$, ENC N 1, OVL-63 | XLS37-A1-RN | 1 | \$1,099.00 | 38\% | \$681.38 |
| XLS37--A1-SN | EE CONTROLS, INC. | 120 V COLL, STR, 2 2, $200-600$ VAC, ENC N 1, OLL-80 | XLS37-A1-SN | 1 | \$1,099.00 | 38\% | \$681.38 |
| XLS37K-C0-P | EE CONTROLS, INC. | 240 V COIL, STR,N $2,200-600 \mathrm{VAC}, 0 \mathrm{~S}$, OVL-32 | XLS37K-C0-P | 1 | \$850.00 | 38\% | \$527.00 |
| XLS37K-C0-Q | ee Controls, inc. | 240 V CoIL, STR, N 2, $200-600 \mathrm{VAC}, 0 \mathrm{~S}$, OVL-50 | XLS37K-C0-Q | 1 | \$850.00 | 38\% | \$527.00 |
| XLS37K-CO-RN | Ee CONTROLS, INC. | 240 V COIL, STR,N $2,200-600 \mathrm{VAC}, 0 \mathrm{~S}$, OVL-63 | XLS37-CO-RN | 1 | \$850.00 | 38\% | \$527.00 |
| XLS37--CO-SN | EE CONTROLS, INC. | 240 V COIL, STR,N $2,200-600 \mathrm{VAC}, 0 \mathrm{~S}, \mathrm{OVL}-80$ | XLS37-C0-SN | 1 | \$850.00 | 38\% | \$527.00 |
| XLS37\%-C1-P | EE CONTROLS, INC. | 240 V COLL, STR, $2,200-600 \mathrm{VAC}$, ENC N 1, OLL-32 | XLS37k-C1-P | 1 | \$1,099.00 | 38\% | \$681.38 |
| XLS37-CL1-Q | EE CONTROLS, INC. | 240 V COLL, STR, 2 2, $200-600 \mathrm{VAC}$, ENC N 1, OLL-50 | XLS37K-C1-Q | 1 | \$1,099.00 | 38\% | \$681.38 |
| XLS37-CL1-RN | EE CONTROLS, INC. | 240 V COIL, STR, 2 2, $200-600 \mathrm{VAC}$, ENC N 1, OVL-63 | XLS37-C1-RN | 1 | \$1,099.00 | 38\% | \$681.38 |
| XLS37\%-C1-SN | Ee CONTROLS, INC. |  | XLS37-C1-SN | 1 | \$1,099.00 | 38\% | \$681.38 |
| XLS37\%-60-P | Ee CONTROLS, INC. | 24 V COIL, STR,N $2,200-600 \mathrm{VAC}, \mathrm{OS}$, OVL-32 | xLS37k-G0-P | 1 | \$850.00 | 38\% | \$527.00 |
| XLS37K-60-Q | Ee CONTROLS, INC. | 24 V COIL, STR,N $2,200-600 \mathrm{VAC}, \mathrm{OS}$, OLL-50 | XL537\%-60-Q | 1 | \$850.00 | 38\% | \$527.00 |
| XLS37-GO-RN | Ee CONTROLS, INC. | 24 V COIL, STR,N $2,200-600 \mathrm{VAC}, \mathrm{OS}$, OLL-63 | XLS37-60-RN | 1 | \$850.00 | 38\% | \$527.00 |
| XLL337-60-Sn | EE CONTROLS, INC. | 24 V COIL, STR,N $2,200-600 \mathrm{VAC}, \mathrm{OS}$, OLL-80 | XLS37\%-60-SN | 1 | \$850.00 | 38\% | \$527.00 |
| XLL337-61-P | EE CONTROLS, INC. | 24 V Coil, STR,N $2,200-600 \mathrm{VAC}$, ENC N 1 , OVL-32 | XLS37-G1-P | 1 | \$1,099.00 | 38\% | \$681.38 |
| XLS37-61-Q | EE CONTROLS, INC. | 24 C Coil, STR,N $2,200-600$ VAC,ENC N 1 , OVL-50 | XLS37K-G1-Q | 1 | \$1,152.00 | 38\% | \$714.24 |
| XLS37-G1-RN | EE CONTROLS, INC. | 24 C COIL, STR,N $2,200-600 \mathrm{VAC}$, ENC N 1 , OVL-63 | XLS37-G1-RN | 1 | \$1,099.00 | 38\% | \$681.38 |
| XLS37-G1-SN | EE CONTROLS, INC. | 24 C COIL, STR, 2 2, 200-600 VAC,ENC N 1 , OVL-80 | XLS37-61-SN | 1 | \$1,099.00 | 38\% | \$681.38 |
| XLS55k-AO-RN | ee Controls, inc. | 120 V CoIL, STR, N $3,200-600 \mathrm{VAC,OS}$, OVL-63 | XLS55k-A0-RN | 1 | \$1,152.00 | 38\% | \$714.24 |
| XLS55k-A0-SN | EE CONTROLS, INC. | 120 V COIL, STR, N , $200-600 \mathrm{VAC,0S}$, OVL-80 | XLS55--A0-SN | 1 | \$1,152.00 | 38\% | \$714.24 |
| XLL555-A0-TN | EE CONTROLS, INC. | 120 V COIL, STR, $\mathrm{N} 3,200-600 \mathrm{VAC}, \mathrm{OS}$, OLL-110 | XLL555-A0-TN | 1 | \$1,152.00 | 38\% | \$714.24 |
| XLL555-A1-RN | EE CONTROLS, INC. | 120 V COLL, STR, 3 3, $200-600 \mathrm{VAC}$, ENC N 1, OLL-63 | XLL556-A1-RN | 1 | \$1,718.00 | 38\% | \$1,065.16 |
| XLS55K-A1-SN | EE CONTROLS, INC. | 120 V Coil, , STR,N $3,200-600$ VAC, ENC N 1, OVL-80 | XLS55k-A1-SN | 1 | \$1,718.00 | 38\% | \$1,065.16 |
| XLS55k-A1-TN | EE CONTROLS, INC. | 120 V COIL, STR, 3 , 200-600 VAC,ENC N 1, OVL-110 | XLS55--A1-TN | 1 | \$1,718.00 | 38\% | \$1,065.16 |
| XLS55K-CO-RN | ee Controls, inc. | 240 V CoIL, STR, N , $200-600 \mathrm{VAC,OS}$, OVL-63 | XLS55-CO-RN | 1 | \$1,152.00 | 38\% | \$714.24 |
| XLS55K-CO-SN | Ee CONTROLS, INC. | 240 V CoIL, STR, N , $200-600 \mathrm{VAC,0S}$, OVL-80 | XLS55-CO-SN | 1 | \$1,152.00 | 38\% | \$714.24 |
| XLS55--C0-TN | EE CONTROLS, INC. | 240 V COIL, STR,N $3,200-600 \mathrm{VAC}, \mathrm{OS}$, OVL-110 | XLS55-C0-TN | 1 | \$1,152.00 | 38\% | \$714.24 |
| XLS55K-C1-RN | Ee CONTROLS, INC. | 240 V CoiL, STR, 3 , $200-600$ VAC, ENC N 1, OVL-63 | XLS55-C1-RN | 1 | \$1,718.00 | 38\% | \$1,065.16 |
| XLL555-C1-SN | EE CONTROLS, INC. | 24VV COIL, STR,N $3,200-600$ VAC, ENC N 1, OVL-80 | XLL556-C1-SN | 1 | \$1,718.00 | 38\% | \$1,065.16 |
| XLS55K-C1-TN | EE CONTROLS, INC. | 240 V COIL, STR, 3 3, 200-600 VAC,ENC N 1, OVL-110 | XLS55-C1-TN | 1 | \$1,718.00 | 38\% | \$1,065.16 |
| XLS55K-GO-RN | Ee CONTROLS, INC. | 24 V COIL, STR,N $3,200-600 \mathrm{VAC}, \mathrm{OS}$, OLL-63 | XLS55-G0-RN | 1 | \$1,152.00 | 38\% | \$714.24 |
| XLS55K-GO-SN | Ee CONTROLS, INC. | 24 V COIL, STR,N $3,200-600 \mathrm{VAC}, \mathrm{OS}$, OLL-80 | XLS55-60-SN | 1 | \$1,152.00 | 38\% | \$714.24 |
| XLS55K-G0-TN | Ee CONTROLS, INC. | 24 V Coil, STR,N $3,200-600 \mathrm{VAC}, \mathrm{OS}$, OVL-110 | XLS55-60-Tn | 1 | \$1,152.00 | 38\% | \$714.24 |
| XLS55-G1-RN | EE CONTROLS, INC. | 24 C Coil, STR,N $3,200-600$ VAC,ENC N 1, OVL-63 | XLS55-G1-RN | 1 | \$1,801.00 | 38\% | \$1,116.62 |
| XLL555-G1-SN | EE CONTROLS, INC. | 24 V COIL, STR, 3 3, 200-600 VAC, ENC N 1 , OVL-80 | XLS55K-G1-SN | 1 | \$1,718.00 | 38\% | \$1,065.16 |
| XLL555-61-TN | EE CONTROLS, INC. | 24 V COIL, STR, $\mathrm{N} 3,200-600$ VAC, ENC N 1 , OLL-110 | XLL555-G1-TN | 1 | \$1,718.00 | 38\% | \$1,065.16 |
| XLSS5-A0-G | EE CONTROLS, INC. | 12 V CoIL, STR, $00,200-600 \mathrm{VAC}, 0 \mathrm{~S}, \mathrm{OLL}-1.8$ | XLS5K-A0-G | 1 | \$289.00 | 38\% | \$179.18 |
| XLS55-A0-H | EE CONTROLS, INC. | 12 V COIL, STR, $00,200-600 \mathrm{VAC}, \mathrm{OS}$, OLL-2. 8 | XLS5K-A0-H | 1 | \$289.00 | 38\% | \$179.18 |
| XLLS5-A0-I | EE CONTROLS, INC. | 120 V CoIL, STR,N $00,200-600 \mathrm{VAC}, \mathrm{OS}$, OLL-4 | XLS5K-A0-I | 1 | \$289.00 | 38\% | \$179.18 |
| xLSS5-A0-k | ee Controls, inc. | 120 V CoIL, STR, $\mathrm{N} 00,200-600 \mathrm{VAC}, \mathrm{OS}$, OLL-6 | XLS5K-A0-K | 1 | \$289.00 | 38\% | \$179.18 |
| XLSS5-AO-L | Ee CONTROLS, INC. | 120 V CoIL, STR, $\mathrm{N} 00,200-600 \mathrm{VAC}, \mathrm{OS}$, OLL-8 | XLS5K-A0-L | 1 | \$289.00 | 38\% | \$179.18 |
| XLSS5-A1-G | EE CONTROLS, INC. | 120 V COIL, STR, $000,200-600 \mathrm{VAC}$, ENC $\mathrm{N} \mathrm{1}, \mathrm{OVL-1.8}$ | XLLS5K-A1-G | 1 | \$482.00 | 38\% | \$299.84 |
| XLSS5-A1-H | EE CONTROLS, INC. | 120 V COIL, STR, $000,200-600 \mathrm{VAC}$, ENC $\mathrm{N} \mathrm{1}, \mathrm{OVL-2}$. | XLS5K-A1-H | 1 | \$482.00 | 38\% | \$298.84 |
| XLLS5--A1-I | EE CONTROLS, INC. | 120 V COIL, STR, $000,200-600$ VAC,ENC N 1, OVL-4 | XLS5K-A1-I | 1 | \$482.00 | 38\% | \$298.84 |
| XLS55-A1-K | EE CONTROLS, INC. |  | XLS5K-A1-K | 1 | \$482.00 | 38\% | \$298.84 |
| xLS55-A1-L | Ee CONTROLS, INC. | 120 V COLL, STR, $000200-600$ VAC,ENC N 1, OVL-8 | XLS5K-A1-L | 1 | \$482.00 | 38\% | \$298.84 |
| xLS55-C0-G | Ee CONTROLS, INC. | 240 V CoIL, STR, $00,200-600 \mathrm{VAC}, \mathrm{OS}$, OVL-1. 8 | XLS5K-CO-G | 1 | \$289.00 | 38\% | \$179.18 |
| xLS56-CO-H | Ee CONTROLS, INC. | 240 V COIL, STR, $00,200-600 \mathrm{VAC}, \mathrm{OS}$, OLL-2. 8 | XLS5K-CO-H | 1 | \$289.00 | 38\% | \$179.18 |
| XLLS5--CO-I | EE CONTROLS, INC. | 240 V CoiL, STR, $000,200-600 \mathrm{VAC}, \mathrm{OS}$, OVL-4 | XLLS5-CO-I | 1 | \$289.00 | 38\% | \$179.18 |
| xLS55-C0-K | EE CONTROLS, INC. | 240 V COIL, STR,N 00, $200-600 \mathrm{VAC}, \mathrm{OS}$, OVL-6 | XLS55-C0-K | 1 | \$289.00 | 38\% | \$179.18 |
| xLS55-C0-L | EE CONTROLS, INC. | 240 V COIL, STR,N $00,200-600 \mathrm{VAC}, \mathrm{OS}$, OLL-8 | XLS5--CO-L | 1 | \$289.00 | 38\% | \$179.18 |
| xLS5K-C1-G | Ee CONTROLS, INC. | 240 V COIL, STR, $000,200-600$ VAC,ENC $\mathrm{N} \mathrm{1}, \mathrm{OVL-1.8}$ | XLS5K-C1-G | 1 | \$482.00 | 38\% | \$298.84 |
| xLS55-C1-H | Ee CONTROLS, INC. | 240 V COIL, STR, $000,200-600$ VAC,ENC 11 , OVL-2. 8 | XLS5K-C1-H | 1 | \$482.00 | 38\% | \$298.84 |
| XLSSK-C1-I | EE CONTROLS, INC. | 240 V COIL, STR,N 00, 200-600 VAC, ENC N 1, OVL-4 | XLLS5-C1-I | 1 | \$482.00 | 38\% | \$298.84 |
| xLS5k-C1-K | Ee CONTROLS, INC. | 240 V COIL, STR, $\mathrm{N} 00,200-600 \mathrm{VAC}$, ENC N 1 , OVL-6 | XLS5K-C1-K | 1 | \$506.00 | 38\% | \$313.72 |
| xLS5K-C1-L | EE CONTROLS, INC. | 240 V COIL, STR, $000,200-600 \mathrm{VAC}$, ENC N 1 1, OVL-8 | XLLS5-C1-L | 1 | \$482.00 | 38\% | \$298.84 |
| XLS5K-60-G | EE CONTROLS, INC. | 24 V COIL, STR,N $000200-600 \mathrm{VAC}, \mathrm{OS}$, OVL-1.8 | XLS5K-60-G | 1 | \$289.00 | 38\% | \$179.18 |
| XLS5K-60-H | EE CONTROLS, INC. | 24 V COIL, STR,N $000200-600 \mathrm{VAC}, \mathrm{OS}$, OVL-2. 8 | XLS5K-60-H | 1 | \$289.00 | 38\% | \$179.18 |
| XLS5K-G0-I | EE CONTROLS, INC. | $24 \mathrm{COOLL}, \mathrm{STR}, \mathrm{N} \mathrm{O0} 200-,600 \mathrm{VAC,OS}$, OVL-4 | X $1555-60-\mathrm{I}$ X $1556-60-\mathrm{K}$ | 1 | \$289.00 | 38\% | \$179.18 |
| xLS5K-60-k | Ee CONTROLS, INC. | 24 V COIL, STR,N $00,200-600 \mathrm{VAC,OS}$, OVL-6 | XLS5K-60-K | 1 | \$289.00 | 38\% | \$179.18 |
| XLS5K-GO-L | EE CONTROLS, INC. | $24 \mathrm{COOLL}, \mathrm{STR}, \mathrm{N} 00,200-600 \mathrm{VAC,OS}$, OVL-8 | XL555-60-L | 1 | \$289.00 | 38\% | \$179.18 |
| XLSSK-G1-G | Ee CONTROLS, INC. | 24 V COIL, STR, $\mathrm{N} 00,200-600$ VaC,ENC N 1, OVL-1.8 | XLS5K-G1-G | 1 | \$482.00 | 38\% | \$298.84 |
| XLS5K-G1-H | EE CONTROLS, INC. | 24 V COLL, STR, N 00, 200-600 VAC, ENC N 1, OVL-2.8 | XLLS5-61-H | 1 | \$482.00 | 38\% | \$298.84 |
| xLS55-G1-I | EE CONTROLS, INC. | 24 V CoIL, STR, $000,200-600$ VAC,ENC N 1, OVL-4 | XLS5K-61-I | 1 | \$482.00 | 38\% | \$298.84 |
| XLS5K-61-K | EE CONTROLS, INC. | 24 V CoIL, STR, $000,200-600$ VAC,ENC 11, OVL-6 | XLS5K-61-K | 1 | \$482.00 | 38\% | \$298.84 |
| XLS5K-G1-L | EE CONTROLS, INC. | 24 V COIL, STR,N $00,200-600 \mathrm{VAC}$, ENC $11, \mathrm{OLL}$-8 | XLL55-61-L | 1 | \$506.00 | 38\% | \$313.72 |
| XLS90\%-AO-SN | Ee CONTROLS, INC. | 120 V CoIL, STR, $4,200-600 \mathrm{VAC}, 0 \mathrm{~S}$, OVL-80 | XLS90-AO-SN | 1 | \$2,297.00 | 38\% | \$1,424.14 |
| XLS90K-A0-TN | EE CONTROLS, INC. | 120 COLL, STR, $4,200-600 \mathrm{VAC}, \mathrm{OS}$, OLL-110 | XLS90\%-AO-TN | 1 | \$2,297.00 | 38\% | \$1,424.14 |
| XLLS90--A0-TT | EE CONTROLS, INC. | 120 V CoIL, STR, 4 4, $200-600 \mathrm{VAC}, \mathrm{OS}$, OVL-135 | XLS900-A0-TT | 1 | \$2,297.00 | 38\% | \$1,424.14 |
| XLS900-AO-UN | EE CONTROLS, INC. | 120 V CoIL, STR,N $4,200-600 \mathrm{VAC}, \mathrm{OS}$, OLL-150 | XLS90--AO-UN | 1 | \$2,297.00 | 38\% | \$1,424.14 |
| XLLS90--AO-UU | EE CONTROLS, INC. | 120 V COIL, STR,N $4,200-600 \mathrm{VAC}, \mathrm{OS}$, OLL-180 | XLS90-AO-UU | 1 | \$2,297.00 | 38\% | \$1,424.14 |
| XLS900-A1-SN | EE CONTROLS, INC. | 120 V Coil, , STR, $4,200-600$ VAC, ENC N 1, OLL-80 | XLS90\%-A1-SN | 1 | \$3,131.00 | 38\% | \$1,941.22 |
| XLS90\%-A1-TN | EE CONTROLS, INC. | 120 V COIL, STR, 4 4, 200-600 VAC, ENC N 1 , OVL-110 | XLS90\%-A1-TN | 1 | \$3,131.00 | 38\% | \$1,941.22 |
| XLS90\%-A1-TT | Ee CONTROLS, INC. | 120 V COIL, STR, $4,200-600$ VAC,ENC N 1, OVL-135 | XLS90k-A1-T | 1 | \$3,131.00 | 38\% | \$1,941.22 |
| XLLS90K-A1-UN | EE CONTROLS, INC. | 120 C COIL, STR, $4,200-600$ VAC, ENC N 1 , OLL-150 | XLS990-A1-UN | 1 | \$3,131.00 | 38\% | \$1,941.22 |
| XLL590--A1-UU | EE CONTROLS, INC. | 120 V COIL, STR,N $4,200-600 \mathrm{VAC}$, ENC N 1 , OVL-180 | XLS900-A1-UU | 1 | \$3,131.00 | 38\% | \$1,941.22 |
| XLLS90\%-CO-SN | EE CONTROLS, INC. | 240 C COIL, STR,N 4, $200-600 \mathrm{VAC,OS}$, OVL-80 | XLS90\%-CO-SN | 1 | \$2,297.00 | 38\% | \$1,424.14 |
| XLLS90-CO-TN | EE CONTROLS, INC. | 24 V CoIL, STR, $4,200-600 \mathrm{VAC}, \mathrm{OS}$, OLL-110 | XLS90-CO-TN | 1 | \$2,297.00 | 38\% | \$1,424.14 |
| XLLS90-CO-TT | EE CONTROLS, INC. | 24 V COIL, STR,N $4,200-600 \mathrm{VAC}, \mathrm{OS}$, OLL-135 | XLS90-C0-TT | 1 | \$2,297.00 | 38\% | \$1,424.14 |
| XLLS90K-CO-UN | EE CONTROLS, INC. | 24 V CoIL, , STR, $4,200-600 \mathrm{VAC}, \mathrm{OS}$, OLL-150 | XLS90\%-CO-UN | 1 | \$2,297.00 | 38\% | \$1,424.14 |
| xLS90\%-CO-UU | Ee CONTROLS, INC. | 240 V COIL, STR,N $4,200-600 \mathrm{VAC}, \mathrm{OS}$, OVL-180 | XLS90\%-CO-UU | 1 | \$2,297.00 | 38\% | \$1,424.14 |
| XLLS90K-C1-SN | EE CONTROLS, INC. | 240 V COIL, STR, $4,200-600$ VAC, ENC N 1 , OLL-80 | XLS990-C1-SN | 1 | \$3,131.00 | 38\% | \$1,941.22 |
| XLS90\%-C1-TN | EE CONTROLS, INC. | 240 V CoIL, STR, $4,200-600$ VAC,ENC N 1, OVL-110 | XLS90\%-C1-TN | 1 | \$3,131.00 | 38\% | \$1,941.22 |
| XL590K-C1-TT | EE CONTROLS, INC. | 240 V COIL, STR,N $4,200-600 \mathrm{VAC}$, ENC N 1 , OVL-135 | XLS90\%-C1-TT | 1 | \$3,131.00 | 38\% | \$1,941.22 |
| XLS90\%-C1-UN | EE CONTROLS, INC. | 240 V COIL, STR, 4 4, 200-600 VAC,ENC N 1, OVL-150 | XLS900-C1-UN | 1 | \$3,131.00 | 38\% | \$1,941.22 |
| XLS90\%-C1-UU | EE CONTROLS, INC. | 240 V COIL, STR, 4 4, 200-600 VAC,ENC N 1, OVL-180 | XLS900-C1-UU | 1 | \$3,131.00 | 38\% | \$1,941.22 |
| XLS90\%-60-SN | EE CONTROLS, INC. | 24 V COIL, STR,N $4,200-600 \mathrm{VAC}, \mathrm{OS}$, OLL-80 | XLS90\%-G0-SN | 1 | \$2,297.00 | 38\% | \$1,424.14 |
| XLS90--60-TN | Ee CONTROLS, INC. | 24 V Coil, STR,N $4,200-600 \mathrm{VAC}, \mathrm{OS}$, ovL-110 | XLS90\%-G0-TN | 1 | \$2,297.00 | 38\% | \$1,424.14 |
| XLL590-G0-TT | EE CONTROLS, INC. | $24 \mathrm{VCOLL}, \mathrm{STR}, \mathrm{N} 4,200-600 \mathrm{VAC}, \mathrm{OS}, \mathrm{OLL}$-135 | XL590\%-G0-TT | 1 | \$2,297.00 | 38\% | \$1,424.14 |
| XLS90K-60-UN | EE CONTROLS, INC. | 24 V Coil, STR,N $4,200-600 \mathrm{VAC}, \mathrm{OS}$, OVL-150 | XLS90\%-G0-UN | 1 | \$2,297.00 | 38\% | \$1,424.14 |
| XLS90\%-G0-UU | EE CONTROLS, INC. | 24 V COIL, STR,N $4,200-600 \mathrm{VAC}, \mathrm{OS}, \mathrm{OLL}-180$ | XLS90\%-G0-UU | 1 | \$2,297.00 | 38\% | \$1,424.14 |
| XLS90\%-61-SN | EE CONTROLS, INC. | 24 V Coil, STR,N 4, 200-600 VAC,ENC N 1, OVL-80 | XLS90K-G1-SN | 1 | \$3,131.00 | 38\% | \$1,941.22 |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted Inctledl Factory Provided Microprocessor-Controlled, requiring technical skill to progra, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor解

Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance: and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or mainten

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
B. Audio-Video equipment or systems (eg. smart boards, projectors, studio broadcasting conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely us
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. . BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated
Microprocessor-Controled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems. Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted Inctledl Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these commission and which are integr.
products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controte I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
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B. To identify an individual(s)' location in the event of a fire or emergency.

|  |  |  | arranty Period - \# of year(s) after ptance as required by Appendix B |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | List Price | \% Discoum | NSS Ne |
| RIGRW3412 | EGS ELECTRICAL GROUP 3/4IN TO 1/2IN REDUCING WASHER | RWN503 | 1 | \$0.27 | 38\% | \$0.17 |
| RIGT12 | EGS ELECTRICAL GROUP 1/2IN RIGID T CONDULET | TC50 | 1 | \$11.98 | 38\% | \$7.43 |
| RIGT34 | EGS ELECTRICAL GROUP 3/4IN RIGID T CONDULET | TC75 | 1 | \$15.48 | 38\% | \$9.60 |
| SWBx | EGS ELECTRICAL GROUP 3 IN $\times$ 2IN GANGABLE SWTCH Bx,2 1/İN D,1/2IN KO | 222 | 1 | \$4.86 | 38\% | \$3.01 |
| SWBX34 | EGS Electrical group 3in X 2IN GANGABLE SWTCH Bx,2 1/2IN d,1/2IN | 225 | 1 | \$11.90 | 38\% | \$7.38 |
| swbxcbl | EGS Electrical group 3in $\times$ 2IN GANGABLE SWTCH Bx,2 1/2IN | 384 | 1 | \$5.62 | 38\% | \$3.48 |
| WBX312 | EGS ELECTRICAL GROUP 1 GANG WTHRPRF OUTLET BX WITH (3) $1 / 2$ IN HUBS | WSM150 | 1 | \$10.77 | 38\% | \$6.68 |
| WBX334 | EGS ELECTRICAL GROUP 1 GANG WTHRPRF OUTLET BX WITH (3) 3/4IN HUBS | WSM175 | 1 | \$13.02 | 38\% | \$8.07 |
| WBX412 | EGS ELECTRICAL GROUP 1 GANG WTHRPRF OUTLET BX WITH (4) $1 / 2 \mathrm{IN}$ HUBS | WSL150 | 1 | \$13.98 | 38\% | \$8.67 |
| WBx434 | EGS ELECTRICAL GROUP 1 GANG WTHRPRF OUTLET BX WITH (4) 3/4in Hubs | WSL175 | 1 | \$16.58 | 38\% | \$10.28 |
| WBX512 | EGS ELECTRICAL GROUP 1 GANG WTHRPRF OUTLET BX WITH (5) $1 / 2 \mathrm{IN}$ HUBS | WSP150 | 1 | \$16.34 | 38\% | \$10.13 |
| WBx534 | EGS ELECTRICAL GROUP 1 GANG WTHRPRF OUTLET BX WITH (5) 3/4in Hubs | WSP175 | 1 | \$21.00 | 38\% | \$13.02 |
| wBXCV112HUB | EGS ELECTRICAL GROUP PLATE WITH (1) 1/2IN HUB | WC1150 | 1 | \$5.96 | 38\% | \$3.70 |
| wBxCV312HUB | EGS ELECTRICAL GROUP PLATE WITH (3) 1/2IN HUB | WC1350 | 1 | \$7.92 | 38\% | \$4.91 |
| wBXCVBL2 | EGS ELECTRICAL GROUP BLANK PLATE WITH 2 SCREWS | WCB1 | 1 | \$2.97 | 38\% | \$1.84 |
| wBXCVBL4 | EGS ELECTRICAL GROUP BLANK PLATE WITH 4 SCREWS | WCB14 | 1 | \$4.52 | 38\% | \$2.80 |
| wBXCVGF | EGS ELECTRICAL Group gFCI SEL-CLosing cvr | WVG1 | 1 | \$16.87 | 38\% | \$10.46 |
| wBxCVHDU | EGS ELECTRICAL GROUP HORIZONTAL DPLX RECPTCL / SWTCH,SELF-CLOS | WHD1 | 1 | \$8.50 | 38\% | \$5.27 |
| wbxcriu | EGS ELECTRICAL GROUP In-USE CVR,2 $1 / 4 \mathrm{I}$ d deep,polycarbonate | wciu1 | 1 | \$61.00 | 38\% | \$37.82 |
| wBxCVPHO | EGS ELECTRICAL GROUP PHOTO CELL PL ( 120 V 300 W PHOTO CELL INC) | WCE1 | 1 | \$66.00 | 38\% | \$40.92 |
| WBXCVSR | EGS ELLCTRICAL GROUP SNGL RECPTCL / SWTCH,SELF-CLOSING CVR | wUS1 | 1 | \$9.01 | 38\% | \$5.59 |
| WBXCVTG | EGS ELECTRICAL GROUP TGLE SWTCH PLATE ( SWTCH NOT INCLUDED) | WCT1 | 1 | \$12.57 | 38\% | \$7.79 |
| wBxCwou | EGS ELECTRICAL GROUP VERTICAL DPLX RECPTCL / SWTCH,SEL-CLLOS | WVD1 | 1 | \$10.50 | 38\% | \$6.51 |
| AC1A | EGS ELECTRICAL GROUP 16 OZ KWIKO CEMENT | AC1A | 1 | \$39.00 | 38\% | \$24.18 |
| $\mathrm{CN}-75$ | EGS ELECTRICAL GROUP 3/4in BUSHED NIPPLE | $\mathrm{CN}-75$ | 1 | \$2.69 | 38\% | \$1.67 |
| GRT50-A | EGS ELECTRICAL Group XP 3-HUB 1/2in outlet box | GRT50-A | 1 | \$185.00 | 38\% | \$114.70 |
| GRT75-A | EGS ELECTRICAL GROUP XP 3-HUB 3/4in OUTLET BOX | GRT75-A | 1 | \$217.00 | 38\% | \$134.54 |
| E100E | EGS ELLECTRICAL GROUP 100VA TRANSFORMER 120/240:24 | E100E | 1 | \$127.95 | 38\% | \$79.33 |
| E150E | EGS ELLECTRICAL GROUP 150VA TRANSFORMER 120/240:24 | E150E | 1 | \$155.18 | 38\% | \$96.21 |
| E250E | EGS ELECTRICAL GROUP 250VA TRANSFORMER 120/240:24V; 60 Hz | E250E | 1 | \$222.89 | 38\% | \$138.19 |
| E300E | EGS ELECTRICAL GROUP 300VA TRANSFORMER 120/240:24 | E300E | 1 | \$236.91 | 38\% | \$146.88 |
| E500e | EGS ELECTRICAL GROUP 500VA 120/240:24 TRANSFORMER | E500E | 1 | \$310.36 | 38\% | \$192.42 |
| E750E | EGS ELECTRICAL GROUP $750 \mathrm{VA} 120 / 240: 24$ TRANSFORMER | E750E | 1 | \$418.59 | 38\% | \$259.53 |
| HS19F500B | EGS ELECTRICAL GROUP . 500 KVA SINGLL PHASE BUCK BOOST TRANSFORMER | HS19F500B | 1 | \$376.79 | 38\% | \$233.61 |
| IP20 | EGS Electrical group Terminal cover kit for e series transformers | IP20 | 1 | \$29.54 | 38\% | \$18.31 |
| RELAYCARD-SDU | EGS ELECTRICAL GROUP DRY CONTACT RELAY KIT FOR SDU | RELAYCARD-SDU | 1 | \$450.86 | 38\% | \$279.53 |
| S1K-PMBRK | EGS ELECTRICAL GROUP WALL/PANEL MOUNT BRACKET FOR THE SIK UPS | S1K-PMBRK | 1 | \$97.90 | 38\% | \$60.70 |
| S1K1200 | EGS ELECTRICAL GROUP OFF-LINE UPS, 1200VA, 120V | S1K1200 | 1 | \$1,784.49 | 38\% | \$1,106.38 |
| S11320 | EGS ELLECTRICAL GROUP OfF-LINE UPS, 320VA, 120V | S1K320 | 1 | \$301.86 | 38\% | \$187.15 |
| S11520 | EGS ELECTRICAL GROUP OfF-LINE UPS, 520VA, 120V | S1K520 | 1 | \$379.31 | 38\% | \$235.17 |
| S11650 | EGS ELECTRICAL GROUP OfF-LINE UPS, 650VA, 120V | S1K650 | 1 | \$839.16 | 38\% | \$520.28 |
| S118850 | EGS ELECTRICAL GROUP OFF-LINE UPS, 850VA, 120V | S1K850 | 1 | \$1,119.73 | 38\% | \$694.23 |
| SbEDIN | EGS ELECTRICAL Group din Circuit breaker mounting kit | sbedin | 1 | \$47.26 | 38\% | \$29.30 |
| SCD30524-DN | EGS ELECTRICAL GROUP 48VDC-24VDC POWER SUPPLY | SCD30524-DN | 1 | \$604.03 | 38\% | \$374.50 |
| SDU-PMBRK | EGS ELECTRICAL GROUP MOUNTING BRACKET FOR SDU UPS | SDU-PMBRK | 1 | \$63.58 | 38\% | \$39.42 |
| sDu500 | EGS ELLCTRICAL GROUP UPS, din rail mount, 500VA, 120V | SDU500 | 1 | \$726.12 | 38\% | \$450.19 |
| sDU850 | EGS Electrical group ups, din rail mount, 850Va, 120V | SDU 850 | 1 | \$1,124.69 | 38\% | \$697.31 |
| SLS-12-017T | EGS ELECTRICAL GROUP 12VDC 1.7A POWER SUPPLY | SLS-12-017T | 1 | \$188.09 | 38\% | \$116.62 |
| SLS-24-012T | EGS ELECTRICAL GROUP 24VDC 1.2A POWER SUPPLY | SLS-24-012T | 1 | \$188.09 | 38\% | \$116.62 |
| SLS-24-024T | EGS ELECTRICAL GROUP 24VDC 2.4A POWER SUPPLY | SLS-24-024T | 1 | \$268.18 | 38\% | \$166.27 |
| SLS-24-036T | EGS ELECTRICAL GROUP 24VDC 3.6 A POWER SUPPLY | SLS-24-036T | 1 | \$388.17 | 38\% | \$240.67 |
| SLS-24-048T | EGS ELECTRICAL GROUP 24VDC 4.8A POWER SUPPLY | SLS-24-048T | 1 | \$516.26 | 38\% | \$320.08 |
| SLS-24-072T | EGS ELECTRICAL GROUP 24VDC 7.2A POWER SUPPLY | sLs-24-072T | 1 | \$517.24 | 38\% | \$320.69 |
| 2588 | ELLCTRICAL \& MECHANICAL APP 208/240VAC 3-PH.POWER MONITOR | 2588 | 1 | \$215.00 | 38\% | \$133.30 |
| 51100120-01 | ELECTRICAL \& MECHANICAL APP TIMEMARK SOCKET 8 PIN | 51×120-01 | 1 | \$27.00 | 38\% | \$16.74 |
| А257B | ELLCCTRICAL \& MECHANICCL APP 48OVAC 3-PH POWER MONITOR | 480VAC 3-PH POWER MONITOR | 1 | \$227.00 | 38\% | \$140.74 |
| ${ }^{\text {A258B }}$ | ELECTRICAL \& MECHANICAL APP 480VAC 3-PH. POWER MONITORING | A258B | 1 | \$210.00 | 38\% | \$130.20 |
| A269 | ELECTRICAL \& MECHANICAL APP 3 PHASE VOLTAGE MONITOR, 80-145V SPDT | A269 | 1 | \$416.00 | 38\% | \$257.92 |
| ${ }^{\text {2258B }}$ | ELLCTRICAL \& MECHANICAL APP 120V PH.-TO-PH. VOLTAGE MONITOR | ${ }^{\text {B258B }}$ | 1 | \$224.00 | 38\% | \$138.88 |
| B269 | ELECTRICAL \& MECHANICAL APP 3-PH. OVER/UNDER POWER MONITOR | B269 | 1 | \$416.00 | 38\% | \$257.92 |
| C269 | ELECTRICAL \& MECHANICAL APP 480V 3-PH.OVER/UNDER PWR.MONIT | C269 | 1 | \$409.00 | 38\% | \$253.58 |
| 30246LMS | ELECTRICAL CONTRACTOR SUPPL 30inX24inX6in BLACK NEMA 1 | 30246LMS | 1 | \$743.00 | 38\% | \$460.66 |
| 30246NFS | ELECTRICAL CONTRACTOR SUPPL 30inX24inX6in WHITE NEMA 4 | 30246NFS | 1 | \$938.00 | 38\% | \$581.56 |
| A515MH | ELECTRICAL CONTRACTOR SUPPP SPRING MANUAL TIMER 0-15MINS | A515MH | 1 | \$51.00 | 38\% | \$31.62 |
| TP26I | ELECTRICAL CONTRACTOR SUPPP IVORY PLATE FOR TIMER | TP26I | 1 | \$1.10 | 38\% | \$0.68 |
| 2RL101-NV | ELECTROMAGNETIC INDUSTRIES CT SOLID 100:5; $2.46 \times 1.05$ WINDOW WITH 36 LEADS | 2RL101-36 | 1 | \$74.95 | 38\% | \$46.47 |
| 2RL151 | ELECTROMAGNETTC INDUSTRIES CT SOLD 150:5; 1.05 WINDOW | 2RL151 | 1 | \$44.47 | 38\% | \$27.57 |
| 2RL201 | ELECTROMAGNETIC INDUSTRIES CT SOLD 200:5; 1.05 WINDOW | 2RL201 | 1 | \$44.47 | 38\% | \$27.57 |
| 2RL251 | ELECTROMAGNETTC INDUSTRRES CT SOLD 250:5; 1.05 WINDOW | 2RL251 | 1 | \$44.47 | 38\% | \$27.57 |
| 2RL301 | ELECTROMAGNETTC INDUSTRIES CT SOLD $300: 5 ; 1.05$ WINDOW | 2RL301 | 1 | \$44.47 | 38\% | \$27.57 |
| 2RL401 | ELECTROMAGNETTC INDUSTRRES CT SOLD 400:5; 1.05 WINDOW | 2RL401 | 1 | \$44.47 | 38\% | \$27.57 |
| 2RL500 | ELECTROMAGNETIC INDUSTRIES CT SOLID 50:5; 1.05 WINDOW | 2RL500 | 1 | \$44.47 | 38\% | \$27.57 |
| 2RL750 | ELECTROMAGNETIC INDUSTRIES CT SOLID $75: 551.05$ WINDOW | 2RL750 | 1 | \$44.47 | 38\% | \$27.57 |
| 468-288 | ElLCTROMAGNETIC Industries potential Xformer 288:120V no | 468-288 | 1 | \$473.85 | 38\% | \$293.79 |
| 468-480 | Electromagnetic industries potential xformer 480:120V no | 468-480 | 1 | \$463.85 | 38\% | \$287.59 |
| ${ }^{468-600}$ | ELECTROMAGNETIC INDUSTRIES POTENTIAL XFORMER 600:120V NO | 468-600 | 1 | \$463.85 | 38\% | \$287.59 |
| 5007-102 | ELECTROMAGNETTC INDUSTRIES CT SPLT 1000:5 4.1x7.1 WIN | 5007-041×071-102 | 1 | \$559.29 | 38\% | \$346.76 |
| 5007-122 | ELECTROMAGNETTC INDUSTRIES CT SPLT 1200:5 4.1x7.1 WIN | 5007-041×071-122 | 1 | \$559.29 | 38\% | \$346.76 |
| 5007-152 | ELECTROMAGNETTC INDUSTRIES CT SPLT 1500:5 4.1x7.1 WIN | 5007-041×071-152 | 1 | \$559.29 | 38\% | \$346.76 |
| 5007-162 | ELECTROMAGNETTC INDUSTRIES CT SPLT 1600:5 4.1x7.1 WIN | 5007-041×071-162 | 1 | \$559.29 | 38\% | \$346.76 |
| 5007-202 | ELECTROMAGNETTC INDUSTRIES CT SPLT 2000:5 4.1x7.1 WIN | 5007-041×071-202 | 1 | \$559.29 | 38\% | \$346.76 |
| 500T-252 | ELECTROMAGNETTC INDUSTRIES CT SPLT 2500:5 4.1x7.1 WIN | 5007-041×071-252 | 1 | \$559.29 | 38\% | \$346.76 |
| 5007-301 | ELECTROMAGNETIC INDUSTRIES CT SPLT $300: 54.1 \times 7.1$ WIN | 5007-041×071-301 | 1 | \$559.29 | 38\% | \$346.76 |
| 5007-302 | ELECTROMAGNETTC INDUSTRIES CT SPLT $3000: 54.1 \times 7.1$ WIN | 5007-041×071-302 | 1 | \$559.29 | 38\% | \$346.76 |
| 500T-401 | ELECTROMAGNETIC INDUSTRIES CT SPLTT 400:5 4.1x7.1 WIN | 500T-041×071-401 | 1 | \$559.29 | 38\% | \$346.76 |
| 5007-402 | ELECTROMAGNETTC INDUSTRIES CT SPLT 4000:5 4.1x7.1 WIN | 5007-041×071-402 | 1 | \$571.39 | 38\% | \$354.26 |
| 5007-501 | ELECTROMAGNETIC INDUSTRIES CT SPLTT 500:5 4.1x7.1 WIN | 5007-041×071-501 | 1 | \$559.29 | 38\% | \$346.76 |
| 5007-601 | ELECTROMAGNETIC INDUSTRIES CT SPLTT $600: 54.1 \times 7.1$ WIN | 5007-041×071-601 | 1 | \$559.29 | 38\% | \$346.76 |
| 500T-701 | ELECTROMAGNETIC INDUSTRIES CT SPLT 700:5 4.1x7.1 WIN | 5007-041×071-701 | 1 | \$559.29 | 38\% | \$346.76 |
| 5000-751 | ELECTROMAGNETIC INDUSTRIES CT SPLT 750:5 4.1x7.1 WIN | 5007-041×071-751 | 1 | \$559.29 | 38\% | \$346.76 |
| 5007-801 | ELECTROMAGNETIC INDUSTRIES CT SPLTT 800:5 4.1x7.1 WIN | 500T-041×071-801 | 1 | \$559.29 | 38\% | \$346.76 |
| 5017-102 | ELLCTROMAGNETTC INDUSTRIES CT SPLT 1000:5 4.1x11.7 WIN | 5007-041×117-102 | 1 | \$614.53 | 38\% | \$381.01 |
| 5017-122 | ELECTROMAGNETIC INDUSTRIES CT SPLT 1200:5 4.1x11.7 WIN | 5007-041×117-122 | 1 | \$690.44 | 38\% | \$428.07 |
| 5017-152 | ELECTROMAGNETIC INDUSTRIES CT SPLT 1500:5 4.1x11.7 WIN | 5007-041×117-152 | 1 | \$690.44 | 38\% | \$428.07 |
| 501T-202 | ELECTROMAGNETIC INDUSTRIES CT SPLT 2000:5 $4.1 \times 11.7$ WIN | 5007-041×117-202 | 1 | \$690.44 | 38\% | \$428.07 |
| 5017-252 | ELECTROMAGNETIC INDUSTRIES CT SPLT 2500:5 $4.1 \times 11.7$ WIN | 5007-041×117-252 | 1 | \$708.76 | 38\% | \$439.43 |
| 501T-302 | ELLCTROMAGNETIC INDUSTRIES CT SPLT 3000:5 4.1111.7 WIN | 500T-041×117-302 | 1 | \$708.76 | 38\% | \$439.43 |
| 5017-352 | ELECTROMAGNETIC INDUSTRIES CT SPLT 3500:5 4.1x11.7 WIN | 5007-041×117-352 | 1 | \$727.08 | 38\% | \$450.79 |
| 5017-402 | ELLCTROMAGNETIC INDUSTRIES CT SPLT 4000:5 4.1x11.7 WIN | 5007-041×117-402 | 1 | \$727.08 | 38\% | \$450.79 |
| 5RL101 | ELECTROMAGNETIC INDUSTRIES CT SOLID 100:5 1.56 WIN | 5RL101 | 1 | \$67.69 | 38\% | \$41.97 |
| 5RL102 | Electromagnetic industries ct sold 1000:5 1.56 Win | 5RL102 | 1 | \$90.25 | 38\% | \$55.96 |
| 5RL151 | Electromagnetic industries ct solid 150:5 1.56 Win | 5RL151 | 1 | \$67.69 | 38\% | \$41.97 |
| 5RL201 51251 | ELECTROMAGNETIC INDUSTRRES CT SOLID 200:5 1.56 WIN | ${ }_{5 R \mathrm{LR} 201}$ | 1 | \$67.69 | 38\% | \$41.97 |
| 5RL251 | Electromagnetic industries ct solid 250:5 1.56 Win | 5RL251 | 1 | \$67.69 | 38\% | \$41.97 |
| 5RL301 | ELECTROMAGNETIC INDUSTRIES CT SOLID 300:5 1.56 WIN | 5RL301 | 1 | \$67.69 | 38\% | \$41.97 |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted Inctledl Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pane ( $)$, and/or other similar device, which utilize certain platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforeme.

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

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B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To comunicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| losal Number | Wantiactrer ${ }^{\text {a }}$ | oduct Code | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Lisp Price | 38\% Discoumt | NVS Nat Price |
| 5RL401 | ELECTROMAGNETTC INDUSTRIES CT SOLID 400:5 1.56 WIN | 5RL401 | 1 | \$67.69 | 38\% | \$41.97 |
| 5RL500 | Electromagnetic industries ct solid 50:5 1.56 Win | 5RL500 | 1 | \$67.69 | 38\% | \$41.97 |
| 5RL501 | Electromagnetic industries ct soli $500: 51.56$ Win | 5RL501 | 1 | \$67.69 | 38\% | \$41.97 |
| 5RL601 | ELECTROMAGNETIC INDUSTRIES CT SOLID $600: 51.56$ WIN | 5RL601 | 1 | \$67.69 | 38\% | \$41.97 |
| 5RL701 | Electromagnetic industries ct sold 700:5 1.56 Win | 5RL701 | 1 | \$67.69 | 38\% | \$41.97 |
| 5RL750 | Electromagnetic industries ct solid 75:5 1.56 Win | 5RL750 | 1 | \$67.69 | 38\% | \$41.97 |
| 5RL751 | Electromagnetic industries ct solid 750:5 1.56 Win | 5RL751 | 1 | \$90.25 | 38\% | \$55.96 |
| 5RL801 | ELECTROMAGNETIC INDUSTRIES CT SOLID 800:5 1.56 WIN | 5RL801 | 1 | \$90.25 | 38\% | \$55.96 |
| 5RL901 | Electromagnetic industries ct sold 900:5 1.56 Win | 5RL901 | 1 | \$90.25 | 38\% | \$55.96 |
| 6007-102 | ELECTROMAGNETIC INDUSTRIES CT SPLT 1000:5 $2.0 \times 5.5$ WIN | 600-102 | 1 | \$312.55 | 38\% | \$193.78 |
| 600T-122 | ELECTROMAGNETIC INDUSTRIES CT SPLT $1200052.0 \times 5.5$ WIN | 600T-122 | 1 | \$325.55 | 38\% | \$201.84 |
| 6007-152 | ELECTROMAGNETIC INDUSTRIES CT SPLT 1500:5 $2.0 \times 5.5$ WIN | 600-152 | 1 | \$325.55 | 38\% | \$201.84 |
| $6007-162$ | ELECTROMAGNETIC INDUSTRIES CT SPLT 1600:5 $2.0 \times 5.5$ WIN | 600-162 | 1 | \$325.55 | 38\% | \$201.84 |
| 600T-202 | ELECTROMAGNETTC INDUSTRIES CT SPLT 2000:5 2.0x5.5 WIN | 600-202 | 1 | \$335.81 | 38\% | \$208.20 |
| $6007-401$ | ELECTROMAGNETTC INDUSTRIES CT SPLT 400:5 $2.0 \times 5.5 \mathrm{~T}$ WIN | 600-401 | 1 | \$312.55 | 38\% | \$193.78 |
| 600T-501 | ELECTROMAGNETIC INDUSTRIES CT SPLT $500: 52.0 \times 5.5$ WIN | 600-501 | 1 | \$312.55 | 38\% | \$193.78 |
| 600T-601 | ELECTROMAGNETIC INDUSTRIES CT SPLTT $600: 52.0 \times 5.5$ WIN | 600-601 | 1 | \$312.55 | 38\% | \$193.78 |
| 600T-801 | ELECTROMAGNETTC INDUSTRIES CT SPLT $800: 52.0 \times 5.5 \mathrm{WIN}$ | 600-801 | 1 | \$312.55 | 38\% | \$193.78 |
| $6017-102$ | ELECTROMAGNETIC INDUSTRIES CT SPLT 1000:5 $4.5 \times 4.5$ WIN | 6017-102 | 1 | \$356.40 | 38\% | \$220.97 |
| 6017-122 | ELECTROMAGNETTC INDUSTRIES CT SPLT $1200: 54.5 \times 4.5$ WIN | 601-122 | 1 | \$373.54 | 38\% | \$231.59 |
| 6017-152 | ELECTROMAGNETTC INDUSTRIES CT SPLT $1500: 54.5 \times 4.5$ WIN | 601-152 | 1 | \$373.54 | 38\% | \$231.59 |
| 6017-162 | ELECTROMAGNETIC INDUSTRIES CT SPLT 1600:5 $4.5 \times 4.5$ WIN | 601-162 | 1 | \$373.54 | 38\% | \$231.59 |
| 601T-202 | ELECTROMAGNETTC INDUSTRIES CT SPLT 2000:5 $4.5 \times 4.5$ WIN | 601-202 | 1 | \$378.05 | 38\% | \$234.39 |
| 6017-301 | ELECTROMAGNETIC INDUSTRIES CT SPLT $300: 54.5 \times 4.5 \mathrm{WIN}$ | 601-301 | 1 | \$356.40 | 38\% | \$220.97 |
| $6017-401$ | ELECTROMAGNETTC INDUSTRIES CT SPLT $400: 54.5 \times 4.5$ WIN | 601-401 | 1 | \$356.40 | 38\% | \$220.97 |
| 6017-501 | ELECTROMAGNETIC INDUSTRIES CT SPLT $500: 54.5 \times 4.5$ WIN | 601-501 | 1 | \$356.40 | 38\% | \$220.97 |
| 601T-601 | ELECTROMAGNETIC INDUSTRIES CT SPLTT $600: 54.5 \times 4.5$ WIN | 601-601 | 1 | \$356.40 | 38\% | \$220.97 |
| 601T-801 | ELECTROMAGNETIC INDUSTRIES CT SPLT $800: 54.5 \times 4.5$ WIN | 601-801 | 1 | \$356.40 | 38\% | \$220.97 |
| 7RL101 | Electromagnetic industries Ct Sold 100:5 2.5 Sin Win | 7RL101 | 1 | \$132.31 | 38\% | \$82.03 |
| 7RL102 | Electromagnetic industries ct solid 1000:5 2.5 Win | 7RL102 | 1 | \$145.07 | 38\% | \$89.94 |
| 7RL122 | ELECTROMAGNETIC INDUSTRIES CT SOLD $1200: 52.5$ Win | 7RL122 | 1 | \$145.07 | 38\% | \$89.94 |
| 7RL142 | ELECTROMAGNETIC INDUSTRIES CT SOLI $1400: 52.5$ WIN | 7RL142 | 1 | \$145.07 | 38\% | \$89.94 |
| 7RL151 | ELECTROMAGNETIC INDUSTRIES CT SOLID 150:5 2.5 Sin WIN | 7RL151 | 1 | \$145.07 | 38\% | \$89.94 |
| 7RL162 | Electromagnetic industries ct Solid 1600:5 2.5 Win | 7RL162 | 1 | \$145.07 | 38\% | \$89.94 |
| 7RL201 | ELECTROMAGNETIC INDUSTRIES CT SOLI $200: 52.5$ WIN | 7RL201 | 1 | \$132.31 | 38\% | \$82.03 |
| 7RL251 | ELECTROMAGNETTC INDUSTRIES CT SOLID 250:5 2.5 WIN | 7RL251 | 1 | \$132.31 | 38\% | \$82.03 |
| 7RL301 | ELECTROMAGNETIC INDUSTRIES CT SOLI $300: 52.5$ WIN | 7RL301 | 1 | \$132.31 | 38\% | \$82.03 |
| 7RL401 | ELECTROMAGNETIC INDUSTRIES CT SOLID $400: 52.5$ WIN | 7RL401 | 1 | \$132.31 | 38\% | \$82.03 |
| 7RL501 | ELECTROMAGNETIC INDUSTRIES CT SOLID $500: 52.5$ WIN | 7RL501 | 1 | \$132.31 | 38\% | \$82.03 |
| 7RL601 | ELECTROMAGNETIC INDUSTRIES CT SOLID $600: 52.5$ WIN | 7RL601 | 1 | \$132.31 | 38\% | \$82.03 |
| 7RL751 | ELECTROMAGNETTC INDUSTRIES CT SOLID 750:5 2.5 WIN | 7RL751 | 1 | \$145.07 | 38\% | \$89.94 |
| 7RL801 | ELECTROMAGNETIC INDUSTRIES CT SOLID 800:5 2.5 WIN | 7RL801 | 1 | \$140.25 | 38\% | \$86.96 |
| 8RL122 | ELECTROMAGNETIC INDUSTRIES CT SOLD $1200: 53.25$ WIN | 8RL122 | 1 | \$128.71 | 38\% | \$79.80 |
| 8RL182 | ELECTROMAGNETIC INDUSTRIES CT SOLID 1800:5 3.25 WIN | 8RL182 | 1 | \$128.71 | 38\% | \$79.80 |
| 8RL201 | ELECTROMAGNETTC INDUSTRIES CT SOLID 200:5, 3.25in WINDOW | 8RL201 | 1 | \$110.88 | 38\% | \$68.75 |
| 8RL202 | ELECTROMAGNETIC INDUSTRIES CT SOLID 2000:5 3.25 WIN | 8RL202 | 1 | \$128.71 | 38\% | \$79.80 |
| 8RL252 | ELECTROMAGNETTC INDUSTRIES CT SOLD $2500: 53.25$ WIN | 8RL252 | 1 | \$128.71 | 38\% | \$79.80 |
| 8RL401 | Electromagnetic industries ct Solid 400:5 3.25 Win | 8RL401 | 1 | \$110.88 | 38\% | \$68.75 |
| 8RL501 | ELECTROMAGNETTC INDUSTRIES CT SOLID $500: 53.25 \mathrm{in}$ WINDOW | 8RL501 | 1 | \$110.88 | 38\% | \$68.75 |
| 8RL601 | ELECTROMAGNETIC INDUSTRIES CT SOLID $600: 53.25$ WIN | 8RL601 | 1 | \$110.88 | 38\% | \$68.75 |
| 8RL801 | ELECTROMAGNETCC INDUSTRIES CT SOLID $800: 53.25$ WIN | 8RL801 | 1 | \$110.88 | 38\% | \$68.75 |
| 2200-02-4-2--1-1 | EMCO FLOW SYSTEM, A DIV. OF! Fixed insertion, zin tee, 4-20 mA, no display | 2200-02-4-2--1-1 | 1 | \$2,368.97 | 38\% | \$1,468.76 |
| 2200-02-4-2-2-1 | EMCO FLOW SYSTEM, A DIV. OF! Fixed insertion, 2 in tee, $4-20 \mathrm{~mA}$, with display | 2200-02-4-2-2-1 | 1 | \$2,990.00 | 38\% | \$1,853.80 |
| 2200-03-1-2-1-1 | EMCO FLOW SYSTEM, A DIV. OF : 2200-03-1-2-1-1 | 2200-03-1-2-1-1 | 1 | \$2,417.00 | 38\% | \$1,498.54 |
| 2200-03-1-2-2-1 | EMCO FLOW SYSTEM, A div. Of: flow Sensor | 2200-03-1-2-2-1 | 1 | \$2,990.00 | 38\% | \$1,853.80 |
| 2200-04-1211 | EMCO FLOW SYSTEM, A div. OF : 4in VORTEX 4-20MA W/O DISPLAY | 2200-04-1211 | 1 | \$2,417.00 | 38\% | \$1,498.54 |
| 2200-04-1221 | EMCO FLOW SYSTEM, A DIV. OF : 4in VORTEX 4-20MA W/DISPLAY | 2200-04-1221 | 1 | \$2,990.00 | 38\% | \$1,853.80 |
| 2200-06-1211 | EMCO FLOW SYSTEM, A div. OF : 6 in VORTEX 4-20MA W/O DISPLAY | 2200-06-1211 | 1 | \$2,417.00 | 38\% | \$1,498.54 |
| 2200-06-1221 | EMCO FLOW SYSTEM, A DIV. OF : 6 in VORTEX 4-20MA W/DISPLAY | 2200-06-1221 | 1 | \$2,990.00 | 38\% | \$1,853.80 |
| 2200-08-1211 | EMCO FLOW SYSTEM, A DIV. OF : 8 in VORTEX 4-20MA W/O DISPLAY | 2200-08-1211 | 1 | \$2,417.00 | 38\% | \$1,498.54 |
| 2200-08-1221 | EMCO FLOW SYSTEM, A DIV. OF : 8 in VORTEX 4-20MA W/DISPLAY | 2200-08-1221 | 1 | \$2,990.00 | 38\% | \$1,853.80 |
| 2200-10-1211 | EMCO FLOW SYSTEM, A div. Of 110 in VORTEX 4-20MA W/O DISPLAY | 2200-10-1211 | 1 | \$2,507.41 | 38\% | \$1,554.59 |
| 2200-10-1221 | EMCO FLOW SYSTEM, A DIV. OF: 10 in VORTEX 4-20MA W/DISPLAY | 2200-10-1221 | 1 | \$2,990.00 | 38\% | \$1,853.80 |
| 2200-12-1211 | EMCO FLOW SYSTEM, A div. Of : 12in VORTEX 4-20MA W/O DOSPLAY | 2200-12-1211 | 1 | \$2,417.00 | 38\% | \$1,498.54 |
| 2200-12-1221 | EMCO FLOW SYSTEM, A DIV. OF ! 12in VORTEX 4-20MA W/DISPLAY | 2200-12-1221 | 1 | \$2,990.00 | 38\% | \$1,853.80 |
| 2200-14-1211 | EMCO FLOW SYSTEM, A DIV. OF ! 14 in V VRRTEX 4-20MA W/O DISPLAY | 2200-14-1211 | 1 | \$2,417.00 | 38\% | \$1,498.54 |
| 2200-14-1221 | EMCO FLOW SYSTEM, A DIV. OF : 14 in V VRTEX 4-20MA W/DISPLAY | 2200-14-1221 | 1 | \$2,990.00 | 38\% | \$1,853.80 |
| 2200-16-1211 | EMCO FLOW SYSTEM, A DIV. OF: 16 in V VORTEX 4-20MA W/O DISPLAY | 2200-16-1211 | 1 | \$2,417.00 | 38\% | \$1,498.54 |
| 2200-16-1221 | EMCO FLOW SYSTEM, A div. OF 1616 i VORTEX 4-20 MA W/DISPLAY | 2200-16-1221 | 1 | \$2,990.00 | 38\% | \$1,853.80 |
| 2200-18-1211 | EMCO FLOW SYSTEM, A DIV. OF: 18 B V VORTEX 4-20MA W/O DISPLAY | 2200-18-1211 | 1 | \$2,417.00 | 38\% | \$1,498.54 |
| 2200-18-1221 | EMCO FLOW SYSTEM, A div. OF $18 \mathrm{1Bin}$ VORTEX 4-20 MA W/DISPLAY | 2200-18-1221 | 1 | \$2,990.00 | 38\% | \$1,853.80 |
| 2200-20-1211 | EMCO FLOW SYSTEM, A DIV. OF : 20in VORTEX 4-20MA W/O DISPLAY | 2200-20-1211 | 1 | \$2,417.00 | 38\% | \$1,498.54 |
| 2200-20-1221 | EMCO FLOW SYSTEM, A DIV. OF: 20 in VORTEX 4-20MA W/DISPLAY | 2200-20-1221 | 1 | \$2,990.00 | 38\% | \$1,853.80 |
| 3100-03-1211 | EMCO FLOW SYSTEM, A div. OF : RETRACTABLE FLOWMETER 3IN PIPE 4-20MA OUT NO DISP | 3100-03-1211 | 1 | \$4,133.00 | 38\% | \$2,562.46 |
| 3100-03-1221 | EMCO FLOW SYSTEM, A div. Of ! Retractable flowmeter 3in Pipe 4-20MA OUT W/DISP | 3100-03-1221 | 1 | \$4,823.00 | 38\% | \$2,990.26 |
| 3100-04-1-2-1-1 | EMCO FLOW SYSTEM, A DIV. OF : Retractable flowmeter,4in pipe, $4-20 \mathrm{~mA}$,no display | 3100-04-1-2-1-1 | 1 | \$4,133.00 | 38\% | \$2,562.46 |
| 3100-04-1-2-2-1 | EMCO FLOW SYSTEM, A DIV. OF ! Retractable flowmeter,4in pipe, $4-20 \mathrm{~mA}$,w/display | 3100-04-1-2-2-1 | 1 | \$4,823.00 | 38\% | \$2,990.26 |
| 3100-06-1-2-2-1-1 | EMCO FLOW SYSTEM, A div. Of : fLuIdYNE MODEL 3100 RETRACTABLE 6 VORTEX FLOW MTR | 3100-06-1-2-2-1-1 | 1 | \$4,230.00 | 38\% | \$2,622.60 |
| 3100-06-1-2-2-1 | EMCO FLOW SYSTEM, A DIV. OF : Retractable flowmeter,6in pipe, $4-20 \mathrm{~mA}, \mathrm{w} / \mathrm{display}$ | 3100-06-1-2-2-2-1 | 1 | \$4,898.00 | 38\% | \$3,036.76 |
| 3100-08-1-2-1-1 | EMCO FLOW SYSTEM, A DIV. OF : FLUIDYNE VORTEX FLOW METER $84-20$ MA NO DISP | 3100-08-1-2-1-1 | 1 | \$4,325.00 | 38\% | \$2,681.50 |
| 3100-08-1-2-2-1 | EMCO FLOW SYSTEM, A DIV. OF : Retractable flowmeter,8in pipe, $4-20 \mathrm{~mA}, \mathrm{w} / \mathrm{display}$ | 3100-08-1-2-2-1 | 1 | \$5,004.00 | 38\% | \$3,102.48 |
| 3100-10-1211 | EMCO FLOW SYSTEM, A div. Of : RETRACTABLE FLOWMETER 10IN PIPE 4-20MA OUT NO DISP | 3100-10-1211 | 1 | \$4,346.00 | 38\% | \$2,694.52 |
| 3100-10-1221 | EMCO FLOW SYSTEM, A div. Of : RETRACTABLE FLOWMETER 10IN PIPE 4-20MA OUT W/DISP | 3100-10-1221 | 1 | \$5,004.00 | 38\% | \$3,102.48 |
| 3100-12-1211 | EMCO FLOw SYstem, a div. of : Retractable flowmeter 12IN PIPE 4-20MA OUT No disp | 3100-12-1211 | 1 | \$4,346.00 | 38\% | \$2,694.52 |
| 3100-12-1221 | EMCO FLOW SYSTEM, A div. OF : RETRACTABLE FLOWMETER 12IN PIPE 4-20MA OUT W/DISP | 3100-12-1221 | 1 | \$5,004.00 | 38\% | \$3,102.48 |
| 3100-14-1211 | EMCO FLOW SYSTEM, A div. of : Retractable flowmeter 14in PiPE 4-20MA OUT No disp | 3100-14-1211 | 1 | \$4,346.00 | 38\% | \$2,694.52 |
| 3100-14-1221 | EMCO FLOW SYSTEM, A div. Of : Reteactable flowmeter 14IN PIPE 4-20MA OUT W/DISP | 3100-14-1221 | 1 | \$5,004.00 | 38\% | \$3,102.48 |
| 3100-6-1211 | EMCO FLOW SYSTEM, A diV. Of : RETRACTABLE FLOWMETER 16IN PIPE 4-20MA OUT NO DISP | 3100-16-1211 | 1 | \$4,346.00 | 38\% | \$2,694.52 |
| 3100-16-1221 | EMCO FLOW SYSTEM, A DIV. OF : RETRACTABLE FLOWMETER 16IN PIPE 4-20MA OUT W/DISP | 3100-16-1221 | 1 | \$5,004.00 | 38\% | \$3,102.48 |
| 3100-18-1211 | EMCO FLOW SYSTEM, A div. of : Retrectable flowmeter 1iIn pipe 4-20MA OUT No disp | 3100-18-1211 | 1 | \$4,346.00 | 38\% | \$2,694.52 |
| 3100-18-1221 | EMCO FLOW SYSTEM, A div. OF : RETRACTABLE FLOWMETER 18IN PIPE 4-20MA OUT W/DISP | 3100-18-1221 | 1 | \$5,004.00 | 38\% | \$3,102.48 |
| 3100-20-1211 | EMCO FLOW SYSTEM, A div. of : Retractable flowmeter 2oin Pipe 4-20MA OUT no disp | 3100-20-1211 | 1 | \$4,346.00 | 38\% | \$2,694.52 |
| 3100-20-1221 | EMCO FLOW SYSTEM, A div. OF : RETRACTABLE FLOWMETER 20IN PIPE 4-OMA OUT W/DISP | 3100-20-1221 | 1 | \$5,004.00 | 38\% | \$3,102.48 |
| V-BAR-700-DX | EMCO FLOW SYSTEM, A div. Of : Vortex 3-80iLLINE 4-20MA W/DISP | 2NPT-XX-XXX-LOCTOTFM | 1 | \$7,929.00 | 38\% | \$4,915.98 |
| V-Bar-700-2NPT-100-T10-RMT | EMCO FLOW SYSTEM, A DIV. OF! Fix , 2in NPT,4-20mA, $0-100 \mathrm{psi}, 0-250 \mathrm{~F}$, rem.elect. | V-Bar-700-2NPT-100-T10-RMT | 1 | \$4,081.00 | 38\% | \$2,530.22 |
|  | 42540 ExTECH INSTRUMENTS infrared thermometer hand held | 42540 | 1 | \$477.00 | 38\% | \$295.74 |
| BR200 | EXTECH INSTRUMENTS VIDEO BORESCOPE CAMERA | BR200 | 1 | \$791.00 | 38\% | \$490.42 |
| BR200-EXT | EXTECH INSTRUMENTS 38 Borescope Extension Cable | BR200-EXT | 1 | \$175.57 | 38\% | \$108.85 |
| C010 | EXTECH INSTRUMENTS CARBON MONOXIDE METER | CO10 | 1 | \$595.54 | 38\% | \$369.23 |
| HD400 | EXTECH INSTRUMENTS HEAVY DUTY LIGHT METER | HD400 | 1 | \$574.38 | 38\% | \$356.12 |
| BRGS150L | FERGUSON ENTERPRISES, INC. $2-1 / 2$ IN $150 L B$ BoLT \& RNG GSkT SET | BRGS150L | 1 | \$27.00 | 38\% | \$16.74 |
| BRGS150M | FERGUSON ENTERPRISES, INC. SIN 150LB BOLT \& RNG GSKT SET | BRGS150M | 1 | \$28.00 | 38\% | \$17.36 |
| BRGS150P | FERGUSON ENTERPRISES, INC. 4IN 150LB BOLT \& RNG GSKT SET | BRGS150P | 1 | \$36.00 | 38\% | \$22.32 |
| BRGS150S | FERGUSON ENTERPRISES, INC. SIN 150LB BOLT \& RNG GSkT SET | BRGS150S | 1 | \$60.00 | 38\% | \$37.20 |
| BRGS150U | FERGUSON ENTERPRISES, INC. GIN 150LB BOLT \& RNG GSkT SET | BRGS150U | 1 | \$74.00 | 38\% | \$45.88 |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated
Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems. Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Inctled] Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain pr_ocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installaion, systems cration, or maintena e of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
B. Audio-Video equen or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely us
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

|  |  | Uut Desaripition | Product Code | "Warranty Period $-\#$ of year(s) after acceptance as required by Appendix B, Clause 54 " | Lsit Price | \% Discount | Nrs Nel Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| FNWLBBZ110 | FERGUSON ENTERPRISES, INC. | 10IN zN 150LB DBL SIDE LUG BELY VLV BLT PK | FNWLBBZ110 | 1 | \$179.00 | 38\% | \$110.98 |
| FNWL ${ }^{\text {chzz112 }}$ | FERGUSON ENTERPRISES, INC. | 12IN ZN 150LB DBL SIDE LUG BFLY VLV BLT PK | FNWLBBZ112 | 1 | \$179.00 | 38\% | \$110.98 |
| FNWLBBZ1L | FERGUSON ENTERPRISES, INC. | 2-1/2IN ZN 150LB DBL SIDE LUG BFV BLT PK | FNWLBBZ1L | 1 | \$21.00 | 38\% | \$13.02 |
| FNWLbBzim | FERGUSON ENTERPRISES, INC. | 3IN zN 150Lb dbl side lug bev blt pk | FNWLbBz1M | 1 | \$21.00 | 38\% | \$13.02 |
| FNWLbBz1P | Ferguson enterprises, inc. | 4in zn 150Lb dBL side lug bev blt pk | FNWLbBz1P | 1 | \$41.00 | 38\% | \$25.42 |
| FNWLbBz1S | Ferguson enterprises, inc. | SIN zN 150Lb dBL side lug brv blt pk | FNWLbBz1S | 1 | \$66.00 | 38\% | \$40.92 |
| FNWLbBz1u | FERGUSON ENTERPRISES, INC. | GIN zN 150Lb dbl side lug bev blt pk | fnWlbbziu | 1 | \$66.00 | 38\% | \$40.92 |
| FNWLbBz1X | Ferguson enterprises, inc. | 8IN ZN 150Lb DBL SIID LUG BFLY VLV BLT PK | FNWLbBz1X | 1 | \$75.00 | 38\% | \$46.50 |
| FNWNA1FFG116L | Ferguson enterprises, inc. | 2 -1/2IN NA 1/16 150LB FF GSkT For hot water | FNWNA1FFG116L | 1 | \$15.00 | 38\% | \$9.30 |
| FNWNA1FFG116M | FERGUSON ENTERPRISES, INC. | 3in Na 1/16 150LB FF GSKT FOR HOT WATER | FNWNAIFFG116M | 1 | \$17.00 | 38\% | \$10.54 |
| FNWNA1FFG116P | Ferguson enterprises, inc. | 4IN NA 1/16 150LB FF GSKT For hot Water | FNWNA1FFG116P | 1 | \$24.00 | 38\% | \$14.88 |
| FNWNA1FFG116S | Ferguson enterprises, inc. | SIN NA 1/16 150LB FF GSKT For hot Water | FNWNA1FFG116S | 1 | \$29.00 | 38\% | \$17.98 |
| fNWNA1FFG116U | FERGUSON ENTERPRISES, INC. | GIN NA 1/16 150LB FF GSKT For hot WAter | FNWNA1FFG116U | 1 | \$36.00 | 38\% | \$22.32 |
| FNWNBGZ1RF6L | FERGUSON ENTERPRISES, INC. | 2-1/2IN 150LB RED RUB $1 / 16$ FF NUT BOLT GSK SET | FNWNBGZ1RF6L | 1 | \$29.00 | 38\% | \$17.98 |
| FNWNBGZ1RF6M | FERGUSON ENTERPRISES, INC. | 3IN 150LB RED RUB $1 / 16$ FF NUT BOLT GSK SET | FNWNBGZ1RF6M | 1 | \$30.00 | 38\% | \$18.60 |
| FNWNBGZ1RF6P | Ferguson enterprises, inc. | 4IN 150LB RED RUB $1 / 16$ FF NUT BOLT GSK SET | FNWNBGZ1RF6P | 1 | \$52.00 | 38\% | \$32.24 |
| FNWNBGZ1RF6S | FERGUSON ENTERPRISES, INC. | 5IN 150Lb Red rub $1 / 16$ FF NUT BOLT GSK SET | FNWNBGZ1RF6S | 1 | \$74.00 | 38\% | \$45.88 |
| FNWNBGZ1RF6U | FERGUSON ENTERPRISES, INC. | 6IN 150Lb Red rub $1 / 16$ FF NUT BOLT GSK SET | FNWNBGZ1RF6U | 1 | \$79.00 | 38\% | \$48.98 |
| FNWSWG14FL | Ferguson enterprises, inc. | 2-1/2IN 150LB 304 FG SPRL WND GSKT FOR RFFLGS | FNWSWG14FL | 1 | \$21.00 | 38\% | \$13.02 |
| FNWSWG14FM | FERGUSON ENTERPRISES, INC. | 3IN 150LB 304 FG SPRL WND GSkT FOR RF FLGS | FNWSWG14FM | 1 | \$25.00 | 38\% | \$15.50 |
| FNWSWG14FP | FERGUSON ENTERPRISES, INC. | 4IN 150LB 304 FG SPRL WND GSKT FOR RF FLGS | FNWSWG14FP | 1 | \$33.00 | 38\% | \$20.46 |
| FNWSWG14FS | FERGUSON ENTERPRISES, INC. | 5IN 150LB 304 FG SPRL WND GSKT FOR RF FLGS | FNWSWG14FS | 1 | \$43.00 | 38\% | \$26.66 |
| FNWSWG14FU | Ferguson enterprises, inc. | 6IN 150LB 304 FG SPRL WND GSKT FOR RF FLGS | FNWSWG14FU | 1 | \$49.00 | 38\% | \$30.38 |
| FPC-F02-113-127-0405-CD2 | FIELDSERVER TECHNOLOGIES | BACNET MSTP, BACNET IP, MODBUS TCP AND MODBUS RTU | FPC-F02-113-127-0405-CD2 | 1 | \$1,611.00 | 38\% | \$998.82 |
| FPC-F04-113-401-0411-CD2 | Fieloserver technologies | LON TO BACNET MSTP OR BACNET IP OR MODBUS | FPC-F04-113-401-0411-CD2 | 1 | \$1,892.00 | 38\% | \$1,173.04 |
| FST-BN | finette | FLOAT SWITCH 1A SPST BUNA | FCV21QDD-1u | 1 | \$39.00 | 38\% | \$24.18 |
| FS7-SS | Finetek | FLOAT SWITCH 1 I SPST SS | FD3161DA | 1 | \$98.00 | 38\% | \$60.76 |
| FT10-1305 | flowline | LQQuid flow Switch, $1 / 2$ to 1-1/2 in, PP | FT10-1305 | 1 | \$443.00 | 38\% | \$274.66 |
| FT10-1405 | flowline | LiQuid flow Switch, 2 IN UP, PP | FT10-1405 | 1 | \$467.00 | 38\% | \$289.54 |
| FT10-5305 | FLOWLINE | LiQuid fow Switch, 1/2 to 1-1/2 IN, PVDF | FT10-5305 | 1 | \$706.00 | 38\% | \$437.72 |
| FT10-5405 | FLOWLINE | LiQuid flow SWitch, 2 IN UP, PVDF | FT10-5405 | 1 | \$730.00 | 38\% | \$452.60 |
| GT10-1305 | flowline | GAS FLOW SWITCH, $1 / 2$ to 1-1/2 IN, PP | GT10-1305 | 1 | \$467.00 | 38\% | \$289.54 |
| GT10-1405 | flowline | GAS FLOW SWITCH, 2 IN UP, PP | GT10-1405 | 1 | \$491.00 | 38\% | \$304.42 |
| GT10-5305 | flowline | GAS FLOw SWITCH, $1 / 2$ to 1-1/2 In, PVDF | GT10-5305 | 1 | \$730.00 | 38\% | \$452.60 |
| GT10-5405 | flowline | GAS FLOW SWITCH, 2 IN UP, PVDF | GT10-5405 | 1 | \$754.00 | 38\% | \$467.48 |
| ELP | flowline | IS ULTRASONIC LEVEL XMITTER | LU20-5001-IS | 1 | \$2,173.00 | 38\% | \$1,347.26 |
| ELP-B | FLOWLINE | IS LEVEL XMITTER W/BRACET | KELE KIT | 1 | \$2,158.00 | 38\% | \$1,337.96 |
| XP88-00 | flowline | EXPLOSİN PROOF LEVEL TRANSMITTER 24.6ft | XP88-00 | 1 | \$2,928.00 | 38\% | \$1,815.36 |
| XP89-00 | flowline | EXPLOSION PROOF LEVEL TRANSMITTER 32.8ft | XP89-00 | 1 | \$3,471.00 | 38\% | \$2,152.02 |
| DL-14-00-C10 | flowline | ECOPOD LVL SENSOR, CAL. PUMP FILL W/ H/L ALARM | KELE Bom | 1 | \$1,039.00 | 38\% | \$644.18 |
| DL-14-00-C28 | flowline | ECOPOD LVL SENSOR, CAL. 2 PUMP EMPTY, HI ALARM | KELE Bom | 1 | \$1,039.00 | 38\% | \$644.18 |
| DL-14-00-C40 | flowline | ECOPOD LVL SENSOR, CAL. 4 HIGH ALARM | KELE Bom | 1 | \$1,039.00 | 38\% | \$644.18 |
| DL-14-00-C48 | flowline | ECOPOD LVL SENSOR, CAL. 2 Hi/2 LO ALARM | KELE BOM | 1 | \$1,039.00 | 38\% | \$644.18 |
| DL10-00 | flowline | ULTRASONIC LEVEL TRANSMITTER, 49.2 in | DL10-00 | 1 | \$877.00 | 38\% | \$543.74 |
| DL10-01 | flowline | ULTRASONIC LEVEL TRANSMITTER, 49.2IN W/FOB | DL10-01 | 1 | \$913.00 | 38\% | \$566.06 |
| DL14-00 | flowline | ECHOPOD LEVEL SENSOR, 1 NPT, W/ GASkET, NO FOB | DL14-00 | 1 | \$1,009.00 | 38\% | \$625.58 |
| DL14-10-C10 | flowline | ECOPOD LVL SENSOR, CAL. PUMP FILL W/ H/L ALARM | KELE Bom | 1 | \$1,102.00 | 38\% | \$683.24 |
| DL14-10-C28 | flowline | ECOPOD LVL SENSOR, CAL 2 P PUMP EMPTY, HI ALARM | KELE Bom | 1 | \$1,102.00 | 38\% | \$683.24 |
| DL14-10-440 | flowline | ECOPOD LVL SENSOR, CAL. 4 HIGH ALARM | KELE Bom | 1 | \$1,102.00 | 38\% | \$683.24 |
| DL14-10-C48 | flowline | ECOPOD LVL SENSOR, CAL. 2 Hi/2 LO ALARM | KELE BOM | 1 | \$1,102.00 | 38\% | \$683.24 |
| DL14-10-C9 | FLOWLINE | ECOPOD LVL SENS CAL. PUMP EMPTY $\mathrm{W} / \mathrm{H} / \mathrm{L}$ ALARM | KELE BOM | 1 | \$1,102.00 | 38\% | \$683.24 |
| DL24-00 | flowline | ULTRASONIC LEVEL TRANSMITTER, SWITCH \& CONTROLLER | DL24-00 | 1 | \$1,107.00 | 38\% | \$686.34 |
| DL24-00-C10 | flowline | ECOPOD LVL SENSOR, CAL. PUMP FILL W/ H/L ALARM | KELE BOM | 1 | \$1,074.00 | 38\% | \$665.88 |
| DL24-00-C28 | flowline | ECOPOD LVL SENSOR, CAL. 2 PUMP EMPTY, HI ALARM | KELE BOM | 1 | \$1,074.00 | 38\% | \$665.88 |
| DL24-00-C40 | flowline | ECOPOD LVL SENSOR, CAL. 4 HIGH ALARM | KELE Bom | 1 | \$1,074.00 | 38\% | \$665.88 |
| DL24-00-448 | flowline | ECOPOD LVL SENSOR, CAL. $2 \mathrm{HI/2}$ LO ALARM | KELE Bom | 1 | \$1,074.00 | 38\% | \$665.88 |
| DL24-00-C9 | flowline | ECOPOD LVL SENS CAL. PUMP EMPTY W/ H/L ALARM | KELE Bom | 1 | \$1,074.00 | 38\% | \$665.88 |
| D224-01 | flowline | ULTRASONIC LEVEL TRANS/SWITCH/CNTR, IIN NPT, W/FOB | DL24-01 | 1 | \$1,204.00 | 38\% | \$746.48 |
| DL24-10 | flowline | ULTRASONIC LEVEL TRANS/SWITCH/CONTR, 1 G MNTG | DL24-10 | 1 | \$1,136.00 | 38\% | \$704.32 |
| DL24-10-C10 | FLOWLINE | ECOPOD LVL SENSOR, CAL. PUMP FILL W/ H/L ALARM | KELE BOM | 1 | \$2,002.00 | 38\% | \$1,241.24 |
| DL24-10-C28 | flowline | ECOPOD LVL SENSOR, CAL. 2 PUMP EMPTY, HI ALARM | KELE BOM | 1 | \$2,002.00 | 38\% | \$1,241.24 |
| DL24-10-C40 | flowline | ECOPOD LVL SENSOR, CAL. 4 HIGH ALARM | KELE Bom | 1 | \$2,002.00 | 38\% | \$1,241.24 |
| DL24-10-C48 | flowline | ECOPOD LVL SENSOR, CAL. $2 \mathrm{HI/2}$ LO ALARM | kELE BOM | 1 | \$2,002.00 | 38\% | \$1,241.24 |
| DL24-10-C9 | flowline | ECOPOD LVL LENS CAL. PUMP EMPTY W/ H/L ALARM | KELE Bom | 1 | \$2,002.00 | 38\% | \$1,241.24 |
| DL24-11 | FLOWLINE | ULTRASONIC LEVEL TRANS/SWITCH/CONTR, 1 G , w/FOB | DL24-11 | 1 | \$1,248.00 | 38\% | \$773.76 |
| DL3400 | FLOWLINE | ULTRASONIC LEVEL TRANS/SWITCH/CONTR, 1 IN NPT | DL34-00 | 1 | \$1,373.00 | 38\% | \$851.26 |
| DL34-00-C10 | flowline | ECOPOD LVL SENSOR, CAL. PUMP FILL W/ H/L ALARM | KELE BOM | 1 | \$1,330.00 | 38\% | \$824.60 |
| DL34-00-C28 | flowline | ECOPOD LVL SENSOR, CAL. 2 PUMP EMPTY, HI ALARM | kELE BOM | 1 | \$1,330.00 | 38\% | \$824.60 |
| DL34-00-C40 | flowline | ECOPOD LVL SENSOR, CAL. 4 HIGH ALARM | kELE BOM | 1 | \$1,330.00 | 38\% | \$824.60 |
| DL34-00-C48 | flowline | ECOPOD LVL SENSOR, CAL. $2 \mathrm{HI} / 2$ LO ALARM | KELE BOM | 1 | \$1,330.00 | 38\% | \$824.60 |
| DL34-00-C9 | flowline | ECOPOD LVL SENS CAL. PUMP EMPTY W/ H/L ALARM | KELE BOM | 1 | \$1,330.00 | 38\% | \$824.60 |
| DL34-01 | flowline | ULTRASONIC LEVEL TRANS/SWITCH/CONTR, 1 NPT, W/FOB | DL34-01 | 1 | \$1,464.00 | 38\% | \$907.68 |
| DL34-10 | flowline | ULTRASONIC LEVEL TRANS/SWITCH/CONTR, 1 G | DL34-10 | 1 | \$1,386.00 | 38\% | \$859.32 |
| DL34-10-C10 | flowline | ECOPOD LVL SENSOR, CAL. PUMP FILL W/ H/L ALARM | KELE BOM | 1 | \$1,342.00 | 38\% | \$832.04 |
| DL34-10-C28 | flowline | ECOPOD LVL SENSOR, CAL. 2 PUMP EMPTY, HI ALARM | kELE BOM | 1 | \$1,342.00 | 38\% | \$832.04 |
| DL34-10-C40 | flowline | ECOPOD LVL SENSOR, CAL. 4 HIGH ALARM | KELE BOM | 1 | \$1,342.00 | 38\% | \$832.04 |
| DL34-10-C48 | flowline | ECOPOD LVL SENSOR, CAL. $2 \mathrm{HI/2}$ LO ALARM | KELE Bom | 1 | \$1,342.00 | 38\% | \$832.04 |
| DL34-10-C9 | flowline | ECOPOD LVL SENS CAL. PUMP EMPTY W/ H/L ALARM | KELE BOM | 1 | \$1,342.00 | 38\% | \$832.04 |
| DL34-11 | FLOWLINE | ULTRASONIC LEVEL TRANS/SWITCH/CONTR, 1 G , w/FOB | DL34-11 | 1 | \$1,498.00 | 38\% | \$928.76 |
| L55-1001 | flowline | DataView Level Controller | L55-1001 | 1 | \$1,213.00 | 38\% | \$752.06 |
| L55-1011 | flowline | DataView Level Controller with Repeater Output | L55-1011 | 1 | \$1,453.00 | 38\% | \$900.86 |
| L55-1201 | flowline | Dataview Level Controller with 2 Relays | L55-1201 | 1 | \$1,369.00 | 38\% | \$848.78 |
| L55-1211 | flowline | DataView Level Controler,2 Relays,Repeater Output | L55-1211 | 1 | \$1,633.00 | 38\% | \$1,012.46 |
| L55-1401 | flowline | DataView Level Controller with 4 Relays | L55-1401 | 1 | \$1,597.00 | 38\% | \$990.14 |
| L55-1411 | flowline | DataView Level Controller,4 Relay,Repeater Output | L55-1411 | 1 | \$1,789.00 | 38\% | \$1,109.18 |
| L99-1001 | FLOWLINE | FOB CALIBRATION KEY | L99-1001 | 1 | \$119.00 | 38\% | \$73.78 |
| LM50-1001 | flowline | 2 " flowline bracket | LM50-1001 | 1 | \$83.00 | 38\% | \$51.46 |
| LM50-1001-1 | flowline | 1" FLOWLINE BRACKET | LM50-1001-1 | 1 | \$107.00 | 38\% | \$66.34 |
| LU27-01 | flowline | ULTRASONIC Level transmitter, 8.2 FT | LU27-01 | 1 | \$1,182.00 | 38\% | \$732.84 |
| LU27-01-B | flowline | ULTRASONIC LEVEL TRANSMITTER, 8.2 FT W/ BRKT | KELE Kit | 1 | \$1,287.00 | 38\% | \$797.94 |
| LU28-01 | flowline | ULTRASONIC LEVEL TRANSMITTER, 24.6 FT | LU28-01 | 1 | \$1,620.00 | 38\% | \$1,004.40 |
| LU28-01-B | flowline | ULTRASONIC LEVEL TRANSMITTER, 24.6 FT W/ BRKT | KELE KIT | 1 | \$1,684.00 | 38\% | \$1,044.08 |
| LU29-01 | FLOWLINE | ULTRASONIC LEVEL TRANSMITTER, 32.8 FT | LU29-01 | 1 | \$1,867.00 | 38\% | \$1,157.54 |
| LU29-01-B | FLOWLINE | ULTRASONIC LEVEL TRANSMITTER, 32.8 ¢T W/ BRKT | KELE KIT | 1 | \$1,900.00 | 38\% | \$1,178.00 |
| LU30-5003 | flowline | ULTRA-SONIC LEVEL TRANS 4-20MA | LU30-5003 | 1 | \$2,086.00 | 38\% | \$1,293.32 |
| LU77-5005 | flowline | ULTRASONIC Level Switch, 8.2 FT | LU77-5005 | 1 | \$1,634.00 | 38\% | \$1,013.08 |
| LU77-5005-B | flowline | ULTRASONIC LEVEL SWITCH, 8.2 Ft W/ BRKT | KELE Kit | 1 | \$1,711.00 | 38\% | \$1,060.82 |
| LU78-5005 | fowline | ULTRASONIC LEVEL SWITCH, 24.6 T | LU78-5005 | 1 | \$1,867.00 | 38\% | \$1,157.54 |
| LU78-5005-B | flowline | ULTRASONIC LEVEL SWITCH, 24.6 FT W/ BRKT | KELE Kit | 1 | \$1,893.00 | 38\% | \$1,173.66 |
| LU81-5101 | FLOWLINE | 16 LEVEL SENSOR CONDUIT | LU81-5101 | 1 | \$1,640.00 | 38\% | \$1,016.80 |
| LU81-5101-B | flowline | 16' LEVEL SENSOR CONDUIT W/BRKT | KELE KIT | 1 | \$1,684.00 | 38\% | \$1,044.08 |
| LU83-5101 | flowline | LEVEL SENSOR 26 RANGE CONDUIT | LU83-5101 | 1 | \$1,867.00 | 38\% | \$1,157.54 |
| Lu83-5101-B | flowline | Level sensor 26' RANGE CONDUIT W/ BRKT | KELE KIT | 1 | \$1,894.00 | 38\% | \$1,174.28 |
| LU84-5101 | flowline | Level sensor 32 Range Conduit | LU84-5101 | 1 | \$2,086.00 | 38\% | \$1,293.32 |
| LU84-5101-B | FLOWLINE | Level sensor 32' RANGE CONDUIT W/BrkT | KELE KIT | 1 | \$2,107.00 | 38\% | \$1,306.34 |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
. Itegrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc, which are Factory-Monted HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor entrolled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain procols (e.g. BACNet, LonTalk, Modbus, cate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single patform or integrated

Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtub mits, dishwathers, and water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Reoftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
B. Audio-Video equi,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' $\mathbf{l}$ location in the event of a fire or emergency.

|  | lanufacturer |  | suct coa | "Warranty Period - \# of year(s) afteracceptance as required by Appendix B,Clause 54 " | Ust Price | \% Discoum | Nvs Nat Pice |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |
| PV608-4 | FLUID AIR DIV OF MEMPHIS | PLUG VALVE FEMALE-MALE 1/4in | PV608-4 | 1 | \$48.33 | 38\% | \$29.96 |
| PVMB-001 | FLUID AIR DIV OF MEMPHIS | N MOUNTING BRACKET FOR PV607/08 | PVMB-001 | 1 | \$20.00 | 38\% | \$12.40 |
| 207P-2 | Fluid Air div of Memphis | N 1/8 $\times 1 / 8$ COUPLING - 25 PER BOX | 207P-2 | 1 | \$101.19 | 38\% | \$62.74 |
| PV607-2 | FLUID AIR DIV OF MEMPHIS | N PLUG VALVE MALE-MALE 1/8in | PV607-2 | 1 | \$26.00 | 38\% | \$16.12 |
| PV608-2 | FLUID AIR DIV OF MEMPHIS |  | PV608-2 | 1 | \$45.00 | 38\% | \$27.90 |
| 215PNL-2-15 | FLuId Air div Of MEMPHIS | N 1-1/2in CLOSE NIPPLE | 215PNL-2-15 | 1 | \$3.17 | 38\% | \$1.97 |
| 215PN-2-25 | FLUID AIR DIV OF MEMPHIS | N-1/2in CLOSE NIPPLE | 215PNL-2-25 | 1 | \$6.08 | 38\% | \$3.77 |
| 2202P-2-2 | FLuid air div of Memphis | Nelbow | 2202P-2-2 | 1 | \$3.68 | 38\% | \$2.28 |
| BVA-5-PW2 | FLUID AIR DIV OF MEMPHIS | N BYPASS FOR PW2 | KELE BOM | 1 | \$489.95 | 38\% | \$303.77 |
|  | 102299 FOX THERMAL INSTRUMENTS | N 90 deg housing elbow kit | 102299 | 1 | \$176.00 | 38\% | \$109.12 |
|  | 102878 FOX THERMAL INSTRUMENT | In teflon ferrule kit for ins models | 102878 | 1 | \$45.00 | 38\% | \$27.90 |
| FT2-20P-SS-ST-E1-DD-B0-G3 | FOX THERMAL Instrument | N 2 MNPT InLINE, 24 VDC, 0 -750 SCFM NAT GAS | FT2-20P-SS-ST-E1-DD-B0-G3 | 1 | \$8,964.00 | 38\% | \$5,557.68 |
| 35A-24VDC | FRANLLIN ELECTROFLUID Co | V( 24VDC AIR VALVE W/3 FITtings | 35A-24VDC | 1 | \$106.50 | 38\% | \$66.03 |
| $35 \mathrm{~A}-\mathrm{FW}-120 \mathrm{VAC}$ | franklin Electrofluid co | Wc 120VAC AIR Valve W/ 3 FITTINGS | 35A-FW-120VAC | 1 | \$114.99 | 38\% | \$71.29 |
| 35A-Fw-24VAC | FRANKLIN ELECTROFLUID CO | ve 24vac air valve w/3 fittings | 35A-Fw-24VAC | 1 | \$114.99 | 38\% | \$71.29 |
| T-141 | frEELIN-WADE CO. | . 25 OD X 250' POLYURETHANE 250 Ft SPOOL | T-141 | 1 | \$167.30 | 38\% | \$103.73 |
| PE6000 | functional devices inc. | PLASTIC HSG NEMA1 4.28X7X2 ENCLOSURE CLEAR LID | PE6000 | 1 | \$27.00 | 38\% | \$16.74 |
| PE6000-N4 | FUNCTIONAL DEVICES INC. | PLASTIC NEMA4/4X ENCLOSURE 4X7, CLEAR LID | PE6000-N4 | 1 | \$53.00 | 38\% | \$32.86 |
| PE6010 | FUNCTIONAL DEVICES InC. | PLASTIC NEMA1 ENCLOSURE 4X7 With 4 IN. MOUNT TRK | PE6010 | 1 | \$30.00 | 38\% | \$18.60 |
| PE6010-N4 | FUNCTIONAL DEVICES INC. | PLASTIC N4/4X ENCLOSURE 4X7 WITH 4 IN. MT TRK | PE6010-N4 | 1 | \$56.00 | 38\% | \$34.72 |
| PE6020 | FUNCTIONAL DEVICES INC. | PLASTIC NEMA1 ENCLOSURE 4X7 WITH 6 IN. MOUNT TRK | PE6020 | 1 | \$31.00 | 38\% | \$19.22 |
| PE6020-N4 | FUNCTIONAL DEVICES INC. | PLASTIC N4/4X ENCLOSURE 4x7 WITH 6 IN. MOUNT TRK | P66020-N4 | 1 | \$57.00 | 38\% | \$35.34 |
| ESR01P | FUnctional devices inc. | ENCL EMERGENCY RELAY 120 AC Coil did | ESR01P | 1 | \$301.00 | 38\% | \$186.62 |
| ESR02P | FUNCTIONAL DEVICES INC. | ENCL Emergency relay 208-277AC Coil dpd | ESR02P | 1 | \$328.00 | 38\% | \$203.36 |
| ESR2401B | FUNCTIONAL DEVICES INC. | ENCL EMERGENCY RLY 24 AC/DC 120AC SPDT | ESR2401B | 1 | \$173.00 | 38\% | \$107.26 |
| ESR2402B | FUnctional devices inc. | EnCL EmERGENCY RLY 24 AC/DC 208-277AC SPDT | ESR24028 | 1 | \$198.00 | 38\% | \$122.76 |
| ESR2402SB | FUNCTIONAL DEVICES INC. | PNL MNT EMRGNCY RLY 24 AC/DC 208-277AC SPST W/OR | ESR2402SB | 1 | \$217.00 | 38\% | \$134.54 |
| ESR24P | FUNCTIONAL DEVICES INC. | ENCL EMERGENCY RELLY 24 AC/DC COIL DPDT | ESR24P | 1 | \$278.00 | 38\% | \$172.36 |
| ESRH1C | FUNCTIONAL DEVICES INC. | ENCL EmERGENCY RLY 10-30 AC/DC 208-277AC SPDT | ESRHIC | 1 | \$131.00 | 38\% | \$81.22 |
| ESRM2402B | FUNCTIONAL DEVICES INC. | PNL MNT EMERGENCY RLY 24 AC/DC 208-277AC SPDT | ESRM2402B | 1 | \$167.00 | 38\% | \$103.54 |
| ESRM2402SB | FUNCTIONAL DEVICES Inc. | UL924 RLY 4.00x1.6020A SPST+ORD 24VACDC208-277VAC | ESRM2402SB | 1 | \$198.00 | 38\% | \$122.76 |
| ESRMNuIC | FUNCTIONAL DEVICES INC. | PNL MNT EMERGENCY RLY $10-30$ AC/DC 120 SPDT 2.75 In | ESRMNU1C | 1 | \$128.00 | 38\% | \$79.36 |
| ESRMUIC | FUNCTIONAL DEVICES INC. | PNL MNT EMERGENCY RLY 10-30 AC/DC 120AC SPDT 4 IN | ESRMUIC | 1 | \$128.00 | 38\% | \$79.36 |
| ESRUIC | FUNCTIONAL DEVICES INC. | ENCL EMERGENCY RLY 10-30 AC/DC 120AC SPDT | ESRUIC | 1 | \$121.00 | 38\% | \$75.02 |
| FL101 | FUNCTIONAL DEVICES INC. | MODEL FLIO1 FAn/LGHT CONTROLLER IN BOX | FL101 | 1 | \$81.00 | 38\% | \$50.22 |
| HAF2 | FUNCTIONAL DEVICES INC. | ENCL HALF-LIGHT 2 STAGE 120/208-27TVAC | haf2 | 1 | \$75.00 | 38\% | \$46.50 |
| HAF3 | FUNCTIONAL DEVICES INC. | ENCL HALF-LIGHT ; 3 STAGE 120/208-277VAC | haf3 | 1 | \$91.00 | 38\% | \$56.42 |
| WR120E20-EN2 | functional devices inc. | WIRELESS RECEIVER/REPEATER RELAY 20A SPDT 120VAC | WR120E20-EN2 | 1 | \$366.00 | 38\% | \$226.92 |
| WR277E20-EN2 | FUNCTIONAL DEVICES INC. | WIRLLESS RECEIVER/REPEATER RELAY 20A SPDT 27TVAC | WR277E20-EN2 | 1 | \$384.00 | 38\% | \$238.08 |
| wWS-A | FUNCTIONAL DEVICES INC. | WIRELESS SWITCH TRANSMITTER (ALMOND) | WST-EN-A | 1 | \$203.00 | 38\% | \$125.86 |
| wWS-Bk | FUNCTIONAL DEVICES INC. | WIRELESS SWITCH TRANSMITTER (BLACK) | WST-EN-BK | 1 | \$211.00 | 38\% | \$130.82 |
| WWS-BR | FUNCTIONAL DEVICES INC. | WIRELESS SWITCH TRANSMITTER (BROWN) | WST-EN-BR | 1 | \$211.00 | 38\% | \$130.82 |
| wws-w | FUNCTIONAL DEVICES INC. | WIRELESS SWITCH TRANSMITTER (WHITE) | WST-EN-w | 1 | \$206.00 | 38\% | \$127.72 |
| wwSP-A | FUNCTIONAL DEVICES INC. | SWITCH COVER PLATE (ALMOND) | WSTP-A | 1 | \$2.43 | 38\% | \$1.51 |
| wwSP-Bk | FUNCTIONAL DEVICES INC. | SWITCH COVER PLATE (BLACK) | WSTP-BK | 1 | \$2.43 | 38\% | \$1.51 |
| WWSP-BR | FUNCTIONAL DEVICES Inc. | SWITCH COVER PLATE (BROWN) | WSTP-BR | 1 | \$2.43 | 38\% | \$1.51 |
| wwsp-w | FUNCTIONAL DEVICES INC. | SWITCH COVER PLATE (WHITE) | WSTP-w | 1 | \$2.43 | 38\% | \$1.51 |
| ANTBOR3 | FUNCTIONAL DEVICES INC. | 3DB BASE, OMNI DIR, REM MNT + MNT HWR | ANTBOR3 | 1 | \$536.00 | 38\% | \$332.32 |
| Antbor6 | FUNCTIONAL DEVICES INC. | 6DB BASE, OMNI DIR, REM MNT AND MNT HWR | ANTBOR6 | 1 | \$712.00 | 38\% | \$441.44 |
| antlorz | FUNCTIONAL DEVICES INC. | 3DB LOW PROFILE, OMNI DIR, REM MNT | antlor3 | 1 | \$262.00 | 38\% | \$162.44 |
| ANTRD3 | FUNCTIONAL DEVICES INC. | 3DBi (1DB) RUBBER DUCK STYLE ANTENNA, DIRECT MOUNT | ANTRD3 | 1 | \$56.00 | 38\% | \$34.72 |
| ANTRD5 | FUnctional devices inc. | 5DBI (3DB) RUBBER DUCK STYLE ANTENNA, DIRECT MOUNT | ANTRD5 | 1 | \$78.00 | 38\% | \$48.36 |
| ANTYDR11 | functional devices inc. | 11 DBI (9DB) YAGI, DIR, REM MNT | ANTYDR11 | 1 | \$262.00 | 38\% | \$162.44 |
| ANTYDR15 | FUNCTIONAL DEVICES INC. | 15DBI (11DB) YaGI, DIR, REM MNT | ANTYDR15 | 1 | \$346.00 | 38\% | \$214.52 |
| ANTYDR6 | FUNCTIONAL DEVICES INC. | AIC10.5P (10.5DBI PANEL ANTENNA) | ANTYDR6 | 1 | \$188.00 | 38\% | \$116.56 |
| CAB1 | FUNCTIONAL DEVICES INC. | COAX ASSY, RP-SMA MALE TO N-TYPE FEMALE , 12IN | CAB1 | 1 | \$106.00 | 38\% | \$65.72 |
| CAB2 | FUNCTIONAL DEVICES INC. | COAX ASSY, N-FEMALE TO N-FEMALE, 6FT | CAB2 | 1 | \$160.00 | 38\% | \$99.20 |
| сАВ | FUNCTIONAL DEVICES INC. | COAX ASSY, RP-SMA TO N-MALE, 12IN | CAB3 | 1 | \$106.00 | 38\% | \$65.72 |
| CAB4 | FUNCTIONAL DEVIICES INC. | COAX ASSY, RP-SMA MALE TO RP-SMA FEMALE, 8IN | CAB4 | 1 | \$15.95 | 38\% | \$9.89 |
| CABANT15 | FUNCTIONAL DEVICES INC. | LMR600 ANTENNA CABLE, 15FT | Cabant 15 | 1 | \$310.00 | 38\% | \$192.20 |
| LRCABANT30 | FUNCTIONAL DEVICES INC. | LMR600 ANTENNA CABLE, 30FT | LRCABANT30 | 1 | \$526.00 | 38\% | \$326.12 |
| RIBMNW24B-BCAI | FUNCTIONAL DEVICES INC. | BaCNet Panel relay 2.75in 20A 24vac/dc; Analog in | RIBMNW24B-BCAI | 1 | \$281.71 | 38\% | \$174.66 |
| RIBMNWD12-BC | FUNCTIONAL DEVICES INC. | BACNET PNL MNT, 12 DIGITAL InPUTS, 2 ACCUMULATORS | RIBMNWD12-BC | 1 | \$408.25 | 38\% | \$253.12 |
| RibMnWD12-BCDI | FUNCTIONAL DEVICES INC. | BACNET PANEL MOUNT DEVICE 2.75IN 12 digital inputs | RIBMNWD12-BCDI | 1 | \$369.67 | 38\% | \$229.20 |
| RIBMnWX2401B-BC | FUnctional devices inc. | BACNET RLY 2.75IN 20A 120VAC/24VAC/DC CT ST | RIBMNWX2401B-BC | 1 | \$256.42 | 38\% | \$158.98 |
| RIBMNWX2401SB-LN | FUNCTIONAL DEVICES INC. | LON PNL 2.75IN RLY 20A SPSTW/HOA CT ST | RIBMNWX2401sB-LN | 1 | \$283.48 | 38\% | \$175.76 |
| RIBMNWX2402B-BC | FUNCTIONAL DEVICES Inc. | baCNet Panel rly 2.75IN 20A 240VAC/24VAC/DC CT ST | RIBMNWX2402B-BC | 1 | \$267.79 | 38\% | \$166.03 |
| RIBMNWX2402SB-LN | FUNCTIONAL DEVICES INC. | LON PNL 2.75IN RLY 20A SPSTW/HOA CT ST | RIBMNWX2402SB-LN | 1 | \$316.00 | 38\% | \$195.92 |
| RIBMW24SB-LNT2 | FUNCTIONAL DEVICES INC. | LON PNL RLY 4IN 20A SPST W/HOA 1 di 1 T2 THERM | RIBMW24SB-LNT2 | 1 | \$236.93 | 38\% | \$146.90 |
| RIBMW24SB-LNT3 | FUNCTIONAL DEVICES INC. | LON RLY 4IN 20A SPST W/HOA 1 DI 1 T3 THERM | RIBMW24SB-LNT3 | 1 | \$236.93 | 38\% | \$146.90 |
| RIBTW2401B-ET | FUNCTIONAL DEVICES INC. | ETHRNT ENCL 20A SPDT 24VAC/DC//120VAC W/1 digi inpt | RIBTW2401B-ET | 1 | \$429.00 | 38\% | \$265.98 |
| RIBTW2402B-BC | FUnctional devices inc. | BACNET ENC RLY 20A SPDT 24VAC/DC/208-277vAC 1 di | RIBTW2402B-BC | 1 | \$243.00 | 38\% | \$150.66 |
| RIBTW24B-BCAI | FUNCTIONAL DEVICES INC. | BACNET ENC RLY 20A 24VAC/DC; ANALOG In | RIBTW24B-BCAI | 1 | \$336.00 | 38\% | \$208.32 |
| RIBTW24SB-LNAI | FUNCTIONAL DEVICES INC. | LON ENCL RLY 20A SPST 24VAC/DC 1 di And hoa ai | RIBTW24SB-LNAI | 1 | \$286.00 | 38\% | \$177.32 |
| RIBTW24SB-LNT2 | FUNCTIONAL DEVICES INC. | LON ENCL RLY 20A SPST W/HOA 1 DI 1 T2 THERM | RIBTW24SB-LNT2 | 1 | \$293.00 | 38\% | \$181.66 |
| RIBTW24SB-LNT3 | FUNCTIONAL DEVICES INC. | LON ENCL RLY 2OA SPST W/HOA 1 DI 1 T3 THERM | RIBTW24SB-LNT3 | 1 | \$269.84 | 38\% | \$167.30 |
| RIBTWX2401B-BC | FUNCTIONAL DEVICES INC. | BACNET ENC RLY 20A 120VAC/24VAC/DC CT ST PE6020 | RIBTWX2401B-BC | 1 | \$286.23 | 38\% | \$177.46 |
| RIBTWX2401SB-LN | FUNCTIONAL DEVICES INC. | LON ENCL RLY 20A SPSTW/HOA CT ST PE6020 | RIBTWX24015B-LN | 1 | \$305.68 | 38\% | \$189.52 |
| RIBTWX2402B-BC | FUNCTIONAL DEVICES INC. | BACNET ENC RLY 20A 240VAC/24VAC/DC CT ST PE6020 | RIBTWX2402B-BC | 1 | \$297.64 | 38\% | \$184.54 |
| RIBTW $240228 B-L N$ | FUNCTIONAL DEVICES INC. | LON ENCL RLY 20A SPSTW/HOA CT ST PE6020 | RIBTWX2402SB-LN | 1 | \$309.20 | 38\% | \$191.70 |
| RIBWBC | FUNCTIONAL DEVICES INC. | AIC BACNET CL W/ MT4-4 | RIBWBC | 1 | \$1,474.00 | 38\% | \$913.88 |
| RIBWBS | FUNCTIONAL DEVICES INC. | AIC BACNET SERVER W/ MT4-4 | RIBWBS | 1 | \$1,474.00 | 38\% | \$913.88 |
| RIBWE150B3C | FUNCTIONAL DEVICES INC. | AIC ENC BACNet CL, ENCL RELAY TRANS | RIBWE150B3C | 1 | \$2,240.00 | 38\% | \$1,388.80 |
| RIBWE15086C | FUNCTIONAL DEVICES INC. | aic enc bacnet CL, ENCL relay trans | RIBWE15086C | 1 | \$2,147.00 | 38\% | \$1,331.14 |
| RIBWE150BC | FUNCTIONAL DEVICES INC. | AIC Enclosed BacNet CLIENT, MH1000, TR50VA004 | RIBWE150BC | 1 | \$1,927.00 | 38\% | \$1,194.74 |
| Ribweisobs | FUNCTIONAL DEVICES INC. | AIC ENC BACNET SERVER, MH1000, TR50VA004 | RIBWE150BS | 1 | \$1,865.00 | 38\% | \$1,156.30 |
| RIBWE150LIC | FUnctional devices inc. | AIC ENC LON CL, RIBMW24SB-LNAL, MH1000, TR50VA004 | Ribwelisolic | 1 | \$2,453.00 | 38\% | \$1,520.86 |
| RIBWE150L2C | FUNCTIONAL DEVICES INC. | AIC ENC LON LL, MH1000, TR50VA004, RIBMW24SB-LNT2 | RIBWE150L2C | 1 | \$2,453.00 | 38\% | \$1,520.86 |
| RIBWE150L4C | FUNCTIONAL DEVICES INC. | AIC ENC LON CL MH1000, TR50VA004, RIBMNWX24015B-LN | RIBWE150L4C | 1 | \$2,510.00 | 38\% | \$1,556.20 |
| RIBWE150LC | FUNCTIONAL DEVICES INC. | AIC ENC LONWORKS CLIENT, MH1000, TRS0VA004 | RIBWE150LC | 1 | \$2,114.00 | 38\% | \$1,310.68 |
| RIBWE150LS | FUNCTIONAL DEVICES INC. | AIC ENC LONWORKS SERVER, MH1000, TR50VA004 | RIBWE150LS | 1 | \$2,114.00 | 38\% | \$1,310.68 |
| RIBWE1B3C | FUNCTIONAL DEVICES INC. | AIC Enc bacnet client, ribmnwx2401B-BC, MH1000 | RIBWE1B3C | 1 | \$2,108.00 | 38\% | \$1,306.96 |
| Ribweibcc | FUnctional devices inc. | aic enc bacnet Client, ribMnw24b-BCAI, MH1000 | RIBWE1B6C | 1 | \$2,133.00 | 38\% | \$1,322.46 |
| Ribweilic | FUNCTIONAL DEVICES INC. | AIC Enc Lonworks client, RIBMW24SB-LNAL, MH1000 | Ribweilic | 1 | \$2,322.00 | 38\% | \$1,439.64 |
| RIBWE1L2C | FUNCTIONAL DEVICES INC. | AIC Enc Lonworks Client, MH1000, RIBMW24SB-LNT2 | RIBWE1L2C | 1 | \$2,322.00 | 38\% | \$1,439.64 |
| RIBWE1L4C | FUNCTIONAL DEVICES INC. | AIC ENC LONWORKS CLIENT, MH1000, RIBMNWX2401SB-LN | RIBWE144C | 1 | \$2,379.00 | 38\% | \$1,474.98 |
| RIBWE2BS | FUNCTIONAL DEVICES INC. | AIC ENC BACNET SERVER, MH1200 | RIBWE2BS | 1 | \$1,748.00 | 38\% | \$1,083.76 |
| RIBWELLC | FUNCTIONAL DEVICES INC. | AIC ENC LONWORKS CLIENT, MH1200 | RIBWE2LC | 1 | \$1,984.00 | 38\% | \$1,230.08 |
| RIBWE2LS | FUNCTIONAL DEVICES INC. | AIC ENC LONWORKS SERVER, MH1200 | RIBWE2LS | 1 | \$1,984.00 | 38\% | \$1,230.08 |
| RIBWE4BS | FUNCTIONAL DEVICES INC. | AIC ENC BACNET SERVER MH2204-N4 | RIBWE4BS | 1 | \$1,845.00 | 38\% | \$1,143.90 |
| RIBWE4LS | FUNCTIONAL DEVICES INC. | AIC ENC LONWORKS SERVER MH2204-N4 | RIBWE4LS | 1 | \$2,082.00 | 38\% | \$1,290.84 |
| Ribwe650b3C | FUNCTIONAL DEVIICES INC. | aic enc bacnet clencl relay trans | RIBWE650B3C | 1 | \$2,358.00 | 38\% | \$1,461.96 |
| RIBWE65086C | FUNCTIONAL DEVICES INC. | AIC ENC BACNET CL ENCL RELAY TRANS | RIiBWE65086C | 1 | \$2,292.00 | 38\% | \$1,421.04 |
| RIBWE650BS | FUNCTIONAL DEVICES INC. | AIC ENC BACNET SERVER MH3202-N4, TRSOVA004 | RIBWE650BS | 1 | \$1,984.00 | 38\% | \$1,230.08 |
| RIBWE650L1C | FUNCTIONAL DEVICES INC. | AIC ENC LON CL ENCL RELAY TRANS | RIBWE650L1C | 1 | \$2,572.00 | 38\% | \$1,594.64 |

The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
. Itegrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handers, fan coil, unit ventilator, heat pump, remote I/O modules, etc, which are Factory-Mouted Instadle Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, Fi


Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance: and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

As part of the and in conjunction with the contractor providing the aforementioned installaio, systems.

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' location in the event of a fire or emergency.

| Modesl Nmber |  | Desscipition | oduct Code | "Warranty Period - \# of year(s) afteracceptance as required by Appendix B, | List Price | \% Discount | Nss Nel Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |
| RIBWE650L2C | FUNCTIONAL DEVICES INC. | AIC ENC LON CL ENCL RELAY TRANS | RibWE650L2C | 1 | \$2,572.00 | 38\% | \$1,594.64 |
| RIBWE650L4C | FUNCTIONAL DEVICES INC. | aic enc lon cl encl relay trans | Ribwe650L4C | 1 | \$2,629.00 | 38\% | \$1,629.98 |
| RIBWE650LS | FUNCTIONAL DEVICES Inc. | AIC ENC LONWORKS SERVER MH3204-N4, TR50VA005 | Ribwe650Ls | 1 | \$2,233.00 | 38\% | \$1,384.46 |
| RIBWE6B3C | Functional devices inc. | AIC ENC BACNET CLIENT MH3204-N4, RrBMnwx2401B-BC | Ribwe6b3C | 1 | \$2,227.00 | 38\% | \$1,380.74 |
| RIBWEGB6C | Functional devices inc. | AIC Enc bacnet Clent Mh3204-N4, ribMnW248-bCai | RIBWE6B6C | 1 | \$2,252.00 | 38\% | \$1,396.24 |
| RIBWEGLIC | FUNCTIONAL DEVICES INC. | AIC ENC LONWORKS CLIENT, MH3204-N4, RIBMW24SB-LNA1 | RIBWE6LIC | 1 | \$2,479.00 | 38\% | \$1,536.98 |
| Ribweblzc | FUNCTIONAL DEVICES INC. | AIC Enc Lonworks client mh3204-N4, ribMW24sb-LNT2 | RIBWE6L2C | 1 | \$2,440.00 | 38\% | \$1,512.80 |
| Ribweblac | Functional devices inc. | AIC Enc Lon cl Mh3204-N4, RIBMNWX2401sB-LN | RIBWE6L4C | 1 | \$2,497.00 | 38\% | \$1,548.14 |
| RIBWLC | FUNCTIONAL DEVICES INC. | aic Lonworks clent w/mi4-4 | RIBWLC | 1 | \$1,711.00 | 38\% | \$1,060.82 |
| RIBWLS | FUNCTIONAL DEVICES INC. | AIC LONWORKS SERVER W/MT4-4 | RIBWLS | 1 | \$1,711.00 | 38\% | \$1,060.82 |
| RIBWP1BC | Functional devices inc. | aic bacnet client, pe6000 | RIBWP1BC | 1 | \$1,693.00 | 38\% | \$1,049.66 |
| RibwpiBS | FUnctional devices inc. | aic bacnet Server, Pe6000 | Ribwpibs | 1 | \$1,693.00 | 38\% | \$1,049.66 |
| RIBWP1LC | FUNCTIONAL DEVICES Inc. | AIC LONWORKS CLIENT, PE6000 | RIBWp1LC | 1 | \$1,930.00 | 38\% | \$1,196.60 |
| RIBWP1LS | Functional devices inc. | AIC LoNWORKS SERVER, PE6000 | RIBWP1LS | 1 | \$1,930.00 | 38\% | \$1,196.60 |
| AXG | FUnCTIONAL DEVICES INC. | REPLACEMENT SPLT RING REMOTE CT ASSM | AXG | 1 | \$53.00 | 38\% | \$32.86 |
| AXGT | FUNCTIONAL DEVICSES INC. | RPLCMNT SPLIT RING REMOTE CURRENT SENSOR ASSMBLY | AXGT | 1 | \$51.00 | 38\% | \$31.62 |
| AXK | FUNCTIONAL DEVICES INC. | REPLACEMENT REMOTE MINI CT ASSM (WIRE OUTPUT) | AXK | 1 | \$34.00 | 38\% | \$21.08 |
| Ахкт | FUNCTIONAL DEVICES Inc. | RPLCMNT REMOTE MIII CURRENT SENSOR ASSMBLY | Ахкт | 1 | \$36.00 | 38\% | \$22.32 |
| AXR | Functional devices inc. | REPLACEMENT REMOTE CT ASSM | AXR | 1 | \$18.30 | 38\% | \$11.35 |
| RIBMX24BA | FUnCTIONAL DEVICES Inc. | PANEL 4IN INT ADJ CT + RELAY 20A SPDT 24VAC/DC | RIBMX24BA | 1 | \$96.00 | 38\% | \$59.52 |
| RIBMX24BF | FUNCTIONAL DEVICES INC. | PANEL 4IN INT FIXED CT + RELAY 20A SPDT 24VAC/DC | RIBMX24BF | 1 | \$85.00 | 38\% | \$52.70 |
| RIBMX24BV | Functional devices inc. | panel 4in int ct + RELAY 20A Spdt 24vac/dc | RIBMX24BV | 1 | \$85.00 | 38\% | \$52.70 |
| RIBMX24SBA | FUNCTIONAL DEVICSES InC. | PANEL 4IN INT ADJ CT + RLY 20A SPST-NO+ORD | RIBM 24 SBA | 1 | \$104.00 | 38\% | \$64.48 |
| RIBMX24SBF | FUNCTIONAL DEVICES INC. | PANEL 4IN INT CT FIXED + 20A SPST-NO + ORD | RIBM 244 SBF | 1 | \$89.00 | 38\% | \$55.18 |
| RIBMX24SBV | FUNCTIONAL DEVICES INC. | PANEL 4IN INT CT + 20A SPST + ORD 24VAC/DC | RibM 244 SBV | 1 | \$89.00 | 38\% | \$55.18 |
| RIBMXA | Functional devices inc. | panel ain int adj ct | RIвМХА | 1 | \$76.00 | 38\% | \$47.12 |
| RIBMXF | FUNCTIONAL DEVICES Inc. | panel ain int fixed ct | RIBMXF | 1 | \$57.00 | 38\% | \$35.34 |
| RIBMXRA | FUNCTIONAL DEVICES INC. | PANEL LIN REMOTE ADJ CT | RIBMXRA | 1 | \$108.00 | 38\% | \$66.96 |
| RIBMXRF | FUNCTIONAL DEVICES INC. | PANEL 4IN REMOTE FIXED CT | RIBMXRF | 1 | \$86.00 | 38\% | \$53.32 |
| RIBMXV | FUNCTIONAL DEVICES INC. | PANEL 4IN INT CT | RIBMXV | 1 | \$57.00 | 38\% | \$35.34 |
| RiBX243PA | FUNCTIONAL DEVICES INC. | CURRENT SWITCH/RELAY, 3PST, 0.5-20A ADJUSTABLE | RIBX243PA | 1 | \$165.00 | 38\% | \$102.30 |
| RIBX243PA-NC | FUnctional devices inc. | Enc int Ac sen, Adj + RELAY 20A 3PST N/C | RIBX243PA-NC | 1 | \$182.00 | 38\% | \$112.84 |
| RIBX243PF | FUNCTIONAL DEVICES INC. | CURRENT SWITCH/RELAY, 3PST, 0.5-20A FIXED 0.5A | RIBx243PF | 1 | \$160.00 | 38\% | \$99.20 |
| RIBX243PF-NC | FUNCTIONAL DEVICES Inc. | ENC INT AC SEN, FIXED, + RELAY 20A 3PST-NC | RIBX243PF-NC | 1 | \$177.00 | 38\% | \$109.74 |
| RIBX243PV | Functional devices inc. | CURRENT TRANSDUCER/RELAY, 3PST, 0-20A INPUT | RIBX243PV | 1 | \$160.00 | 38\% | \$99.20 |
| RIBX24BA | FUNCTIONAL DEVICES INC. | POWER RELAY \& STATUS SENSOR | RIBX24BA | 1 | \$80.41 | 38\% | \$49.85 |
| RIBX24BF | FUnctional devices inc. | CURRENT SWITCH \& RELAY | Ribx24BF | 1 | \$76.15 | 38\% | \$47.21 |
| RIBx24BV | FUNCTIONAL DEVICES INC. | CURRENT XDUCER \& RELAY | RIBX24BV | 1 | \$94.00 | 38\% | \$58.28 |
| RiBX24SBA | FUNCTIONAL DEVICES Inc. | POWER RELAY/STATUS SENSOR W/SW | RIBX24SBA | 1 | \$94.00 | 38\% | \$58.28 |
| Ribx24SBF | Functional devices inc. | CURRENT SWITCH \& RELAY | RiBx24SBF | 1 | \$87.21 | 38\% | \$54.07 |
| RiBx24SEV | FUnCTIONAL DEVICES Inc. | CURRENT XDUCER \& RELAY | RIBX24SBV | 1 | \$94.00 | 38\% | \$58.28 |
| RIBXA | FUNCTIONAL DEVICES INC. | CURRENT SWITCH | RIBXA | 1 | \$62.00 | 38\% | \$38.44 |
| RIBXF | Functional devices inc. | CURRENT SWITCH | RIBXF | 1 | \$55.00 | 38\% | \$34.10 |
| RIBXG420-100 | FUNCTIONAL DEVICSES INC. | ENC SC AC SEN, 1-100AMP, 4-20MA, FIXED, WL | RIBXG420-100 | 1 | \$166.00 | 38\% | \$102.92 |
| RIBXG420-20 | FUNCTIONAL DEVICES INC. | ENC SC AC SEN, 1-20A, 4-20MA, FIXED, WIRE LEADS | RIBXG420-20 | 1 | \$160.00 | 38\% | \$99.20 |
| RIBXG420-50 | FUNCTIONAL DEVICES INC. | ENC SC AC SEN, 1-50AMP, 4-20MA, FIXED, WL | RIBXG420-50 | 1 | \$166.00 | 38\% | \$102.92 |
| RIBXGA | FUnctional devices inc. | SPLIT CURRENT SW, ADJ TRIP, WIRE LEADS, Leds | RIBXGA | 1 | \$72.37 | 38\% | \$44.87 |
| RibxGA-SCAL | FUNCTIONAL DEVICES INC. | ENC SC AC SEN, (3-150AMP), SELF-CAL, WIRE LEADS | RIBXGA-SCAL | 1 | \$106.00 | 38\% | \$65.72 |
| RIBXGF | FUNCTIONAL DEVICES Inc. | SPLIT CURRENT SWITCH, FIXED TRIP, WIRE LEADS | RIBXGF | 1 | \$59.35 | 38\% | \$36.80 |
| RIBXGFL | Functional devices inc. | SPLTT CURRENT SW, FIXED TRIP, WIRE LEADS, LEDS | RIBXGFL | 1 | \$70.00 | 38\% | \$43.40 |
| RIBXGHA | FUNCTIONAL DEVICES INC. | ENC SC AC SEN, 120V, 5 -5-150AMP, ADJ, WIRE LEADS | RIBXGHA | 1 | \$93.00 | 38\% | \$57.66 |
| RIBXGHF | FUNCTIONAL DEVICSES INC. | ENCLOSED SPLIT CORE 120VAC SWITCHING CURRENT SENS. | RIBXGHF | 1 | \$68.00 | 38\% | \$42.16 |
| RIBXGнTA | FUNCTIONAL DEVICES INC. | ENC SC AC SEN, 120V, 5 -150AMP, ADJ, Terrminals | RIBXGHTA | 1 | \$94.00 | 38\% | \$58.28 |
| RibxGhtF | FUNCTIONAL DEVICES INC. | ENC SC AC SEN, 120V, 5 -5-150AMP, FIXED, TERM | RIBXGHTF | 1 | \$77.00 | 38\% | \$47.74 |
| RIBXGTA | Functional devices inc. | SPLTt CURRENT SW, ADJ TRIP, TERMINALS, LEDS | RIBXGTA | 1 | \$69.43 | 38\% | \$43.05 |
| RIBXGTA-Scal | FUNCTIONAL DEVICES Inc. | ENC SC AC SENSOR, (3-150AMP), SLLF-CAL, TERMINALS | RIBXGTA-SCAL | 1 | \$106.00 | 38\% | \$65.72 |
| RIBXGTF | FUNCTIONAL DEVICES INC. | SPLIT CURRENT SWITCH, FIXED TRIP, TERMINALS | RIBXGTF | 1 | \$57.79 | 38\% | \$35.83 |
| RIBXGTFL | FUNCTIONAL DEVICES INC. | SPLT CURRENT SW, FiXED TRIP, TERMINALS, LEDS | RIBXGTfL | 1 | \$72.00 | 38\% | \$44.64 |
| RIBJJA | FUNCTIONAL DEVICES INC. | CURRENT SWITCH | RIBJJA | 1 | \$98.00 | 38\% | \$60.76 |
| RibxJF | FUNCTIONAL DEVICES INC. | CURRENT SWITCH | RIBJJF | 1 | \$91.00 | 38\% | \$56.42 |
| RIBXK420-100 | FUnctional devices inc. | SOLID CORE CURRENT TRANSDUCER, 0-100A:-20MA | RIBXK420-100 | 1 | \$75.00 | 38\% | \$46.50 |
| RIBXK420-20 | FUnCTIONAL DEVICES Inc. | SOLID CORE CURRENT TRANSDUCER, 0-20A:4-20MA | RIBXK420-20 | 1 | \$71.00 | 38\% | \$44.02 |
| RIBXK420-50 | FUNCTIONAL DEVICES INC. | SOLID CORE CURRENT TRANSDUCER, 0-50A:4-20MA | RIBXK420-50 | 1 | \$74.00 | 38\% | \$45.88 |
| RIBXKA | FUnctional devices inc. | SOLid Current sw, ADJ TRIP, WIRE LEADS, Leds | RİXKKA | 1 | \$84.59 | 38\% | \$52.45 |
| RIBXKF | FUNCTIONAL DEVICES INC. | CURRENT SWITCH; FIXED TRIP POINT; 0.25 A | RIIXXK | 1 | \$43.19 | 38\% | \$26.78 |
| RIBXKTA | FUNCTIONAL DEVICES INC. | SOLID CURRENT SW, ADJ TRIP, TERMINALS, LEDS | Ribxkta | 1 | \$78.90 | 38\% | \$48.92 |
| RIBXKTF | FUNCTIONAL DEVICES INC. | CURRENT SwITCH - TERMINALS | RibxkTF | 1 | \$43.19 | 38\% | \$26.78 |
| RibxkTV5-10 | FUnctional devices inc. | CUR TRANS 0-10A TO 0 -SVDC | RIBxkTV5-10 | 1 | \$55.00 | 38\% | \$34.10 |
| RIBXKTV5-100 | FUNCTIONAL DEVICES INC. | CUR TRANS 0-100A TO 0 -SVDC | RibxkTVS-100 | 1 | \$57.00 | 38\% | \$35.34 |
| RibxkTV5-20 | FUNCTIONAL DEVICES INC. | CUR TRANS 0-20A TO 0-5VDC | RIBxkTV5-20 | 1 | \$56.00 | 38\% | \$34.72 |
| RibxkTV\%-50 | FUnctional devices inc. | CUR TRANS 0-50A TO 0-5VDC | RIBxkTV5-50 | 1 | \$57.00 | 38\% | \$35.34 |
| RibẋCA | FUNCTIONAL DEVICES INC. | RELAY \& STATUS SENSOR | RIBXLCA | 1 | \$72.62 | 38\% | \$45.02 |
| RIBXLCEA | FUNCTIONAL DEVICES INC. | ENCL. Internal adj. Low Current sensor \& RELAY | RibxLCEA | 1 | \$110.00 | 38\% | \$68.20 |
| RIBXLCEV | FUNCTIONAL DEVICES INC. | CURRENT XDUCER \& RELAY | RibxLCEV | 1 | \$78.00 | 38\% | \$48.36 |
| RIbxLCF | FUnCTIONAL DEVICES Inc. | CURRENT SWITCH \& RELAY | RibxLCF | 1 | \$71.00 | 38\% | \$44.02 |
| RibxLCJA | FUNCTIONAL DEVICES INC. | CURRENT SWITCH \& RELAY | RIBxLCJA | 1 | \$113.00 | 38\% | \$70.06 |
| RIBXLCJF | FUNCTIONAL DEVICES INC. | CURRENT SWITCH \& RELAY | RibxLCJF | 1 | \$109.00 | 38\% | \$67.58 |
| RIBXLCRA | FUNCTIONAL DEVICES INC. | RELAY \& STATUS SENSOR,REMOTE | RIBXLCRA | 1 | \$92.00 | 38\% | \$57.04 |
| RIBXLCRF | FUNCTIONAL DEVICES INC. | CURRENT SWITCH \& RELAY | RibxLCRF | 1 | \$87.00 | 38\% | \$53.94 |
| RIBXLCV | FUNCTIONAL DEVICSES INC. | CURRENT XDUCER \& RELAY | RibxLCV | 1 | \$73.00 | 38\% | \$45.26 |
| RIBXXSA | FUNCTIONAL DEVICES INC. | RELAY \& STATUS SENSOR W/SWITCH | RibxLSA | 1 | \$82.00 | 38\% | \$50.84 |
| RIBXLSEA | FUNCTIONAL DEVICES INC. | ENCL INTRNL LOW SNSR 10A SPST 10-30VAC/DC OVERRIIE | RibxLLEA | 1 | \$118.00 | 38\% | \$73.16 |
| RIBxLSEV | Functional devices inc. | CURRENT XDUCER \& RELAY | RibxLLEV | 1 | \$84.00 | 38\% | \$52.08 |
| RIBXLSF | FUNCTIONAL DEVICES INC. | CURRENT SWITCH \& RELAY | RIBXLLF | 1 | \$79.00 | 38\% | \$48.98 |
| RIBXLSJA | FUNCTIONAL DEVICES INC. | CURRENT SWITCH \& RELAY | RibxLSJA | 1 | \$120.00 | 38\% | \$74.40 |
| RIBXLSJF | FUNCTIONAL DEVICES INC. | CURRENT SWITCH \& RELAY | RIBXLJJF | 1 | \$116.00 | 38\% | \$71.92 |
| RIBXLSRA | FUNCTIONAL DEVICES INC. | RELAY/STATUS SENSR REMOTE W/SW | RIBXLSRA | 1 | \$98.00 | 38\% | \$60.76 |
| RIBXLSRF | FUNCTIONAL DEVICES INC. | CURRENT SWITCH \& RELAY | RibxLSRF | 1 | \$98.00 | 38\% | \$60.76 |
| RibxLSV | FUnctional devices inc. | CURRENT XDUCER \& RELAY | RibxLSV | 1 | \$81.00 | 38\% | \$50.22 |
| RIBXRA | FUnCTIONAL DEVICES Inc. | CURRENT SWITCH | RİBRA | 1 | \$77.00 | 38\% | \$47.74 |
| RIBXRF | FUNCTIONAL DEVICES INC. | CURRENT SWITCH | RIIBXRF | 1 | \$70.00 | 38\% | \$43.40 |
| RIBXV | FUNCTIONAL DEVICES INC. | CURRENT TRANSDUCER | RIBXV | 1 | \$57.00 | 38\% | \$35.34 |
| AP553-TC | FUNCTIONAL DEVICES INC. | Terminal Cover FOR PSH[ $5 / 3] 00 \mathrm{~A}$ | APS53-TC | 1 | \$6.50 | 38\% | \$4.03 |
| CTRL-PS | FUNCTIONAL DEVICES INC. | ENCL PSMN40AS IN MH1000 WITH DII RAIL \& MT212-4 | CTRL-PS | 1 | \$309.00 | 38\% | \$191.58 |
| PSB100AB10 | FUNCTIONAL DEVICES INC. | POWER SUPPLY, 100VA, 120:24VAC, PANEL WITH TERMINAL COVER | PSB100AB10 | 1 | \$137.93 | 38\% | \$85.52 |
| PSB100AB10-IC | FUnCTIONAL DEVICES Inc. | ULL508 POWER SUPPLY, 100VA, 120:24VAC, PANEL | PSB100AB10-IC | 1 | \$176.66 | 38\% | \$109.53 |
| PSB40AB10 | FUNCTIONAL DEVICES INC. | POWER SUPPLY, 40VA, 120:24VAC, PANEL, WITH TERMINAL COVER | PSB40AB10 | 1 | \$122.94 | 38\% | \$76.22 |
| PSC100AB10 | FUNCTIONAL DEVICES Inc. | POWER SUPPLY, 100VA, 120:24VAC, ENCLOSED | PSC100AB10 | 1 | \$142.93 | 38\% | \$88.62 |
| PSC100AB10-TC | Functional devices inc. | COV 100VA 120/24VAC CL2 PWR SUP 10A BKR TERM Cov | PSC100AB10-TC | 1 | \$155.41 | 38\% | \$96.35 |
| PSC40AB10 | FUNCTIONAL DEVICES INC. | POWER SUPPLY, 40VA, 120:24VAC, ENClOSED | PSC40AB10 | 1 | \$126.48 | 38\% | \$78.42 |
| PSH100A | FUNCTIONAL DEVICSES INC. | XFORMER SWITCH/BREAKER 96VA | PSH100A | 1 | \$151.24 | 38\% | \$93.77 |
| PSH100A100A | FUNCTIONAL DEVICES INC. | DUAL 100 V A POWER SUPPLY | PSH100A100A | 1 | \$250.89 | 38\% | \$155.55 |
| PSH100A100AB10 | FUNCTIONAL DEVICES INC. | POWER SUPPLY, DUAL 100VA, 120:24VAC | PSH100A100AB10 | 1 | \$256.22 | 38\% | \$158.86 |
| PSH100A100AN | FUNCTIONAL DEVICES INC. | POWER SUPPLY, DUAL 100VA, 120:24VAC | PSH100A100AN | 1 | \$272.00 | 38\% | \$168.64 |
| PSH 100A100ANB10 | FUNCTIONAL DEVICES INC. | POWER SUPPLY, DUAL 100VA, 120:24VAC | PSH100A100ANB10 | 1 | \$288.00 | 38\% | \$178.56 |

The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Intalled] Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
products by the authorized user. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FAAP), and/or other similar device, which utilize certain pocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenate of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtub nowers, water fountains, water heaters hot water tanks, garbage disposal
2. General Ductwork, Piping, etc. shall not be obtained on these contracts.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose IT, Telecommunications, Networking Cabling, Fiber Optics (e.g. phone, pbx, digital centrex, digital key systems, television, cable, T-Line, general broadband,
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc.).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely use
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Inctled] Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain prolocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenate of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtub nowers, water fountains, water heaters hot water tanks, garbage disposal
General Ductwork Piping etc. shall not be obtained on these contract
Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not:
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose 1

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' $\mathbf{l}$ location in the event of a fire or emergency.


The scope of this contract includes the following
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc, which are Factory - Mouted HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pane (MAP), and/or other similar device, which utilize certain cocols (e.g. BACNet, LonTalk, Modbus,


Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

As part of the and in conjunction with he contractor providing the aforemention installation, syster.

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtub wers, water fountains, water heaters hot water tanks, garbage disposal
General Ductwork, Piping etc shall not be obtained on these contract
Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not:
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited the
B. Audio-Video equi,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)'
B. To identify an individual(s)' location in the event of a fire or emergency.

| Model Nember | Wentuacturer | Product Descripition | Prodict Code | Warranty Period - \# of year(s) fater |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | List Price | \% Discount | NYS Nat Price |
| MH3800-L4 | FUNCTIONAL DEVICES INC. | MTL HSG N1 24.5H X 12.5W $\times$ 6.5D Coin Latch | MH3800-L4 | 1 | \$242.00 | 38\% | \$150.04 |
| MH3803L | FUNCTIONAL DEVICES INC. | MTL HSG N1 24.5H X 12.5W $\times$ 6.5D W/ SP3803L SUBPNL | MH3803L | 1 | \$272.00 | 38\% | \$168.64 |
| MH3803S | FUNCTIONAL DEVICES INC. | MTL HSG N1 24.5H X 12.5W $\times$ 6.5D $\mathrm{W} / \mathrm{SP3803S}$ SUBPNL | MH3803S | 1 | \$264.00 | 38\% | \$163.68 |
| MH3804L | Functional devices inc. | MTL HSG N1 $24.5 \mathrm{H} \times 12.5 \mathrm{~W} \times 6.5 \mathrm{D}$ W/ SP3804L SUBPNL | MH3804L | 1 | \$293.00 | 38\% | \$181.66 |
| MH3804-L4 | FUNCTIONAL DEVICES INC. | MTL HSG N1 24.5 HX12.5Wx6.5D W/SUBPNL, COIN LATCH | MH3804-L4 | 1 | \$308.00 | 38\% | \$190.96 |
| MH3804S | FUNCTIONAL DEVICES INC. | MTL HSG N1 $24.5 \mathrm{H} \times 12.5 \mathrm{~W} \times$ 6.5D $\mathrm{W} / \mathrm{SP38045}$ SUBPNL | MH3804S | 1 | \$289.00 | 38\% | \$179.18 |
| MH3810 | FUNCTIONAL DEVICES INC. | $24.5 \times 12.5 \times 6.5$ NEMA 1 W/SNAPTRK | MH3810 | 1 | \$255.00 | 38\% | \$158.10 |
| MH3820 | Functional devices inc. | MTL H5G N1 $24.5 \mathrm{HX12}$ 12.5WX6.5D W/ 2.75x18iN. TRK | MH3820 | 1 | \$251.00 | 38\% | \$155.62 |
| MH4400 | FUNCTIONAL DEVICES INC. | MTL HSG N1 18H X 18W $\times 7 \mathrm{D}$ | MH4400 | 1 | \$245.00 | 38\% | \$151.90 |
| MH4403L | FUNCTIONAL DEVICES INC. | MTL HSG N1 18H X 18W $\times 7 \mathrm{D}$ W/ SP4003L SUBPNL | MH4403L | 1 | \$278.00 | 38\% | \$172.36 |
| MH4404L | Functional devices inc. | MTL HSG N1 18H X 18W $\times 7 \mathrm{D}$ W/ SP4404L SUBPNL | MH4404L | 1 | \$315.00 | 38\% | \$195.30 |
| MH5500 | FUNCTIONAL DEVICES INC. | $25 \times 25 \times 9.5$ NEMA 1 MTL HOUSING | MH5500 | 1 | \$434.93 | 38\% | \$269.66 |
| MH5500-L4 | FUNCTIONAL DEVICES INC. | MTL HSG N1 $25.0 \mathrm{H} \times 25.0 \mathrm{~W} \times 9.5 \mathrm{D}$, COIN LATCH | MH5500-L4 | 1 | \$427.31 | 38\% | \$264.93 |
| MH5503L | FUNCTIONAL DEVICES INC. | $25 \times 25 \times 9.5$ NEMA 1 W/LARGE PNL | MH5503L | 1 | \$513.45 | 38\% | \$318.34 |
| MH5504L | FUNCTIONAL DEVICES INC. | MTL HSG N1 $25.0 \mathrm{H} \times 25.0 \mathrm{~W} \times 9.5 \mathrm{D}$ W/ SP5504L SUBPNL | MH5504L | 1 | \$521.36 | 38\% | \$323.24 |
| MH5504L-L4 | FUNCTIONAL DEVICES INC. | MTL HSG N1 25.0HX25.0WX9.5D W/ SUBPNL, COIN LATCH | MH5504-L4 | 1 | \$500.14 | 38\% | \$310.09 |
| MH5800 | FUNCTIONAL DEVICES INC. | $25 \times 3699.5$ NEMA 1 MTL HOUSING | MH5800 | 1 | \$542.44 | 38\% | \$336.31 |
| MH5800-L4 | FUNCTIONAL DEVICES INC. | MTL HSG N1 $36.0 \mathrm{O} \times 25.0 \mathrm{~W} \times 9.5 \mathrm{D}$, COIN LATCH | MH5800-L4 | 1 | \$508.76 | 38\% | \$315.43 |
| MH5803L | Functional devices inc. | $25 \times 36 \times 9.5$ NEMA 1 W/LARGE PNL | MH5803L | 1 | \$668.97 | 38\% | \$414.76 |
| MH5804L | FUNCTIONAL DEVICES INC. | MTL HSG N1 36.0H X 25.0W $\times$ 9.5D W/ SP5804 SUBPNL | MH5804L | 1 | \$687.17 | 38\% | \$426.05 |
| MH5804-L4 | FUNCTIONAL DEVICES INC. | MTL HSG N1 36.0HX25.0wX9.5D W/ SUBPNL, COIN LATCH | MH5804-L4 | 1 | \$676.00 | 38\% | \$419.12 |
| MKL-1 | Functional devices inc. | polyamide key latch (keyed the Same) | MKL-1 | 1 | \$31.00 | 38\% | \$19.22 |
| MKL-2 | FUNCTIONAL DEVICES INC. | MH3300K LOCKING KEY Hook Latch (keyed the Same) | MKL-2 | 1 | \$38.00 | 38\% | \$23.56 |
| MKL-3 | FUNCTIONAL DEVICES INC. | MTL KEY LATCH (KEYED THE SAME) | MKL-3 | 1 | \$50.00 | 38\% | \$31.00 |
| MKL-4 | FUNCTIONAL DEVICES INC. | COIN KEY LATCH ASSM | MKL-4 | 1 | \$14.27 | 38\% | \$8.85 |
| MT212-12 | Functional devices inc. | RELAY TRACK 12inx2.75in | MT212-12 | 1 | \$14.42 | 38\% | \$8.94 |
| MT212-18 | FUNCTIONAL DEVICES INC. | MOUNT TRK $2.75 \times 18$ In. | MT212-18 | 1 | \$14.81 | 38\% | \$9.18 |
| MT212-2 | FUNCTIONAL DEVICES INC. | RELAY TRACK 2 in $\times 2.75$ in | MT212-2 | 1 | \$1.48 | 38\% | \$0.92 |
| MT212-24 | Functional devices inc. | MOUNT TRK $2.75 \times 24 \mathrm{IN}$. | MT212-24 | 1 | \$18.51 | 38\% | \$11.48 |
| MT212-4 | FUNCTIONAL DEVICES INC. | MOUNT TRK $2.75 \times 4$ IN. | MT212-4 | 1 | \$4.49 | 38\% | \$2.78 |
| MT212-48 | FUNCTIONAL DEVICES INC. | RELAY TRACK $48 \mathrm{in} \times 2.75 \mathrm{~S}$ | MT212-48 | 1 | \$33.00 | 38\% | \$20.46 |
| MT212-6 | Functional devices inc. | MOUnt TRK $2.75 \times 6$ IN. | MT212-6 | 1 | \$6.71 | 38\% | \$4.16 |
| MT212-8 | FUNCTIONAL DEVICES INC. | MOUnT TRK $2.75 \times 8$ IN. | MT212-8 | 1 | \$8.18 | 38\% | \$5.07 |
| MT4-12 | FUNCTIONAL DEVICES INC. | 12in $X$ 4in RELAY TRACK | MT4-12 | 1 | \$10.91 | 38\% | \$6.76 |
| MT4-18 | FUNCTIONAL DEVICES INC. | MOUNT TRK $4.00 \times 18$ IN. | MT4-18 | 1 | \$14.81 | 38\% | \$9.18 |
| MT4-2 | FUNCTIONAL DEVICES INC. | 2 in X 4in RELAY TRACK | MT4-2 | 1 | \$1.59 | 38\% | \$0.99 |
| MT4-24 | FUNCTIONAL DEVICES INC. | $24 \mathrm{in} \times 4$ in RELAY TRACK | MT4-24 | 1 | \$19.38 | 38\% | \$12.02 |
| MT4-4 | FUNCTIONAL DEVICES INC. | MOUnt TRK $4.00 \times 4$ IN. | MT4-4 | 1 | \$4.49 | 38\% | \$2.78 |
| MT4-48 | FUNCTIONAL DEVICES INC. | $48 \mathrm{in} \times$ 4in RELAY TRACK | MT4-48 | 1 | \$33.53 | 38\% | \$20.79 |
| MT4-6 | Functional devices inc. | MOUnt TRK $4.00 \times 6$ IN. | MT4-6 | 1 | \$6.71 | 38\% | \$4.16 |
| MT4-8 | FUNCTIONAL DEVICES INC. | MOUNT TRK $4.00 \times 8$ IN. | MT4-8 | 1 | \$8.18 | 38\% | \$5.07 |
| Ribo13P | FUNCTIONAL DEVICES INC. | POWER RIB 3PST-NO 120 CO Coil | RIB013P | 1 | \$102.62 | 38\% | \$63.62 |
| Ribo13P-NC | FUNCTIONAL DEVICES INC. | ENC RELAY 20A 3PST NC 120VAC | RIB013P-NC | 1 | \$99.44 | 38\% | \$61.65 |
| Riboibic | FUNCTIONAL DEVICES INC. | DRY Contact InPut rib, 120VAC, SPDT, 20A | RIB01BDC | 1 | \$46.00 | 38\% | \$28.52 |
| RIB01P | FUNCTIONAL DEVICES INC. | POWER RIB DPDT 120 V COIL | RIB01P | 1 | \$71.76 | 38\% | \$44.49 |
| RIB01P30 | FUNCTIONAL DEVICES INC. | RELAY, 30AMP DPST-N/0, 120V Coil | RIB01P30 | 1 | \$94.00 | 38\% | \$58.28 |
| RIB01P30-Nonc | Functional devices inc. | ENCL RELAY 30AMP DPST-NONC 120Vac | RIB01P30-NONC | 1 | \$106.80 | 38\% | \$66.22 |
| Rib01P30-S | FUNCTIONAL DEVICES INC. | ENC RELAY 30AMP DPST + COIL SIDE ORD 120VAC1 | RIB01P30-S | 1 | \$106.54 | 38\% | \$66.05 |
| RIB01P30-S-NC | FUNCTIONAL DEVICES INC. | ENC RELAY 30AMP DPST + COIL SIDE ORD 120VAC | RIB01P30-S-NC | 1 | \$106.54 | 38\% | \$66.05 |
| RIB01SBCDC | FUNCTIONAL DEVICES INC. | ENC RLY, CLI DRY IN,120VAC PWR, 20A SPDT/ORD | RIB01SBCDC | 1 | \$71.00 | 38\% | \$44.02 |
| RIB01SBDC | FUNCTIONAL DEVICES INC. | DRY CONTACT INPUT RIB, 120V, SPDT, 20A, OVR SW | RIB01SBDC | 1 | \$56.00 | 38\% | \$34.72 |
| RIB01SBDC-NC | FUNCTIONAL DEVICES INC. | ENC RLY, CL2 DRY INPUT, 120VAC PWR, 20A SPST-NC/ORD | RIB01SBDC-NC | 1 | \$54.00 | 38\% | \$33.48 |
| RIB023P | FUNCTIONAL DEVICES INC. | Rib023P | RIB023P | 1 | \$108.97 | 38\% | \$67.56 |
| Rib023--NC | FUNCTIONAL DEVICES INC. | Enc relay 20A 3PST-NC 208-27TVAC | RIB023P-NC | 1 | \$105.60 | 38\% | \$65.47 |
| Rib02BDC | Functional devices inc. | DRY Contact InPuT Rib, 208-277VAC, SPDT, 20A | RIB02BDC | 1 | \$50.00 | 38\% | \$31.00 |
| R1B02P | FUNCTIONAL DEVICES INC. | POWER RIB DPDT 208-277V COIL | RIB02P | 1 | \$78.24 | 38\% | \$48.51 |
| RIB02P30 | FUNCTIONAL DEVICES INC. | ENC RELAY 30AMP DPST 208-277VAC | RIB02P30 | 1 | \$96.00 | 38\% | \$59.52 |
| RIB02P30-Nc | FUNCTIONAL DEVICES INC. | ENC RELAY 30A DPST 208-277VAC, NC CONTACTS | RIB02P30-NC | 1 | \$96.00 | 38\% | \$59.52 |
| RIBO2P30-NoNC | FUnctional devices inc. | ENC RELAY 30AMP DPST-NONC 208-277VAC | RIBO2P30-NONC | 1 | \$96.00 | 38\% | \$59.52 |
| RIB02SBCDC | FUNCTIONAL DEVICES INC. | ENC RLY, DRY CON IN,208-27TVAC PWR, 20A SPDT/ORD | RIBO2SBCDC | 1 | \$72.00 | 38\% | \$44.64 |
| RIB02SBDC | Functional devices inc. | DRY CONTACT INPUT RIB, 208-277V, SPDT, 20A, OVR SW | RIB02SBDC | 1 | \$57.00 | 38\% | \$35.34 |
| Rib043P | FUNCTIONAL DEVICES INC. | POWER RIB 3PST-NO 480 V Coil | RIB043P | 1 | \$101.68 | 38\% | \$63.04 |
| Rib043-NC | FUNCTIONAL DEVICES INC. | ENC RELAY 20A 3PST-NC 480VAC | RIB043P-NC | 1 | \$98.56 | 38\% | \$61.11 |
| RIB04P | FUNCTIONAL DEVICES INC. | POWER RIB DPDT 480V Coil | RIB04P | 1 | \$70.90 | 38\% | \$43.96 |
| RIB12C-FA | FUNCTIONAL DEVICES INC. | ENC RELAY, 10A, SPDT, POLARIZED 12VDC, 12VAC | RIB12C-FA | 1 | \$26.00 | 38\% | \$16.12 |
| RIB12C-FA-N4 | FUNCTIONAL DEVICES INC. | ENC RLY, N4/4X, 10A, SPDT, PoLARIZED 12VDC, 12VAC | Rib12C-FA-N4 | 1 | \$37.00 | 38\% | \$22.94 |
| RIB12C-FA-RD | FUNCTIONAL DEVICES INC. | Enc rly, 10A, SPDT, Polarized 12VDC, 12VAC Red | RIB12C-FA-RD | 1 | \$27.00 | 38\% | \$16.74 |
| RIB12S-FA | Functional devices inc. | ENC RLY, 10A, SPST W/SW, POLARIZED 12VAC/DC | RIB12S-FA | 1 | \$37.00 | 38\% | \$22.94 |
| RIB12S-FA-NC | FUNCTIONAL DEVICES INC. | ENC RLY 10A, SPST W/ORD SW, POLARIZED 12VAC/DC, NC | RIB12S-FA-NC | 1 | \$37.00 | 38\% | \$22.94 |
| RIB21CDC | FUNCTIONAL DEVICES INC. | DRY CONTACT InPuT RIB, 120-277VAC, SPDT, 10A | RIB21CDC | 1 | \$33.34 | 38\% | \$20.67 |
| RIB21CDC-N4 | FUNCTIONAL DEVICES INC. | DRY CONTACT INPUT RIB, 120-277V, SPDT, 10A, NEMA 4 | RIB211CDC-N4 | 1 | \$46.00 | 38\% | \$28.52 |
| RIB21CDC-RD | FUNCTIONAL DEVICES INC. | DRY CONTACT INPUT 120-27TVAC SPDT 10A; RED HoUsing | RIB21CDC-RD | 1 | \$39.00 | 38\% | \$24.18 |
| RIB2401B | FUNCTIONAL DEVICES INC. | SPDT POWER RELAY 24VAC/DC,120V | RIB2401B | 1 | \$41.68 | 38\% | \$25.84 |
| Rib2401C | FUNCTIONAL DEVICES INC. | ENC 10A SPDT 24VAC/DC/120,VAC | RIB2401C | 1 | \$24.64 | 38\% | \$15.28 |
| RIB2401C-RD | Functional devices inc. | Enclosed Relay TriVolt Rib2401C Red Hsg | RIB2401C-RD | 1 | \$31.00 | 38\% | \$19.22 |
| RIB2401D | FUNCTIONAL DEVICES INC. | PILOT RIB DPDT $24-120 \mathrm{~V}$ coil | Rib2401D | 1 | \$45.05 | 38\% | \$27.93 |
| RIB2401D-N4 | FUNCTIONAL DEVICES INC. | RELAY In A BOX, DPDT, NEMA 4, 24VAC/DC, 120vac | RIB2401D-N4 | 1 | \$58.00 | 38\% | \$35.96 |
| RIB2401D-RD | FUNCTIONAL DEVICES INC. | Enc relay 10A dPDT 24VAC/DC/120VAC Red hsg | RIB2401D-RD | 1 | \$49.00 | 38\% | \$30.38 |
| RIB2401SB | FUNCTIONAL DEVICES INC. | SPST 24V W/HOA SWITCH 20AMP | RIB2401SB | 1 | \$54.88 | 38\% | \$34.03 |
| RIB2401SB-NC | FUNCTIONAL DEVICES INC. | ENC RELAY 20A SPST-NC + ORD 24VAC/DC/120VAC | RIB2401SB-NC | 1 | \$54.00 | 38\% | \$33.48 |
| RIB24015BC | FUNCTIONAL DEVICES INC. | POWER RIB SPDT 24-120V COIL | Rİ2401sBC | 1 | \$73.00 | 38\% | \$45.26 |
| RIB2402B | FUNCTIONAL DEVICES INC. | SPDT POWER RELAY IN BOX | RIB2402B | 1 | \$45.53 | 38\% | \$28.23 |
| RIB2402D | Functional devices inc. | PILOT RIB DPDT $208-277 \mathrm{~V}$ Coil | RIB2402D | 1 | \$51.00 | 38\% | \$31.62 |
| RIB2402D-N4 | FUNCTIONAL DEVICES INC. | RELAY In A BOX, DPDT, 208-277 VAC | RIB2402D-N4 | 1 | \$62.00 | 38\% | \$38.44 |
| RIB2402D-RD | FUNCTIONAL DEVICES INC. | ENC RELAY 10A DPDT 24VAC/DC/208-277VAC RED HSG | RIB2402D-RD | 1 | \$53.00 | 38\% | \$32.86 |
| RIB2402SB | FUNCTIONAL DEVICES INC. | SPST-NO POWER RELAY W/SW | RIB2402SB | 1 | \$62.00 | 38\% | \$38.44 |
| RIB2402SB-NC | FUNCTIONAL DEVICES INC. | ENC RELAY 20A SPST-NC + ORD 24VAC/DC/208-277VAC | RIB2402SB-NC | 1 | \$60.00 | 38\% | \$37.20 |
| Rib2402SBC | FUNCTIONAL DEVICES INC. | POWER RIB SPDT 208-277V COIL | RİB202SBC | 1 | \$79.00 | 38\% | \$48.98 |
| RIB2421B | Functional devices inc. | ENC RELAY 20A SPDT 24VAC/DC/120VAC/208-277vac | RIB2421B | 1 | \$54.00 | 38\% | \$33.48 |
| RIB2421C | FUNCTIONAL DEVICES INC. | Enclosed relar, 10AMP, SPDT, 24VAC/DC/120-277VAC | RIB2421C | 1 | \$36.00 | 38\% | \$22.32 |
| RIB2421C-N4 | FUNCTIONAL DEVICES INC. | Enc relay nemat/4x 10A SPDT 24VAC/DC/120-277VAC | RIB2421C-N4 | 1 | \$48.00 | 38\% | \$29.76 |
| RIB2421C-RD | FUNCTIONAL DEVICES INC. | Enc relay 10A SpdT 24VAC/DC/120-277VaC red hsg | RIB2421C-RD | 1 | \$38.00 | 38\% | \$23.56 |
| RIB2421SB | FUNCTIONAL DEVICES INC. | ENC RLY 20A SPDT-NO/ORD 24VAC/DC/120VAC/208-277 | RIB2421SB | 1 | \$66.00 | 38\% | \$40.92 |
| RIB243P | FUNCTIONAL DEVICES INC. | POWER RIB 3PST-NO 24V COIL | RIB233P | 1 | \$94.52 | 38\% | \$58.60 |
| Rib243--NC | FUNCTIONAL DEVICES INC. | Enc relay 20A 3pst 24Vac/DC | RIIB243--NC | 1 | \$93.73 | 38\% | \$58.11 |
| RIB24C-FA | Functional devices inc. | enc relay, 10a, Spdt, polarized 24VdC, 24vac | RIB24C-FA | 1 | \$26.00 | 38\% | \$16.12 |
| RIB24C-FA-N4 | FUNCTIONAL DEVICES INC. | Enc RLY, N4/4x, 10A, SPDT, Polarized 24VAC/DC | RIB24C-FA-N4 | 1 | \$37.00 | 38\% | \$22.94 |
| RIB24C-FA-RD | FUNCTIONAL DEVICES INC. | Enc rly, 10A, SPDT, Polarized 24VDC, 24Vac red | RIB24C-FA-RD | 1 | \$27.00 | 38\% | \$16.74 |
| RIB24P | FUNCTIINAL DEVICES INC. | DPDT Power reLay 24vac/DC | RIB24P | 1 | \$63.05 | 38\% | \$39.09 |
| Rib24P-FA | FUNCTIONAL DEVICES INC. | Enc relay 20A dpdt polarized 24vdc, 24vac | RIB24P-FA | 1 | \$63.66 | 38\% | \$39.47 |
| RIB24P30 | FUNCTIONAL DEVICES INC. | POWER RIB DPDT 24V Coil | RIB24P30 | 1 | \$89.09 | 38\% | \$55.24 |
| RIB24S-FA | FUNCTIONAL DEVICES INC. | EnC RLY, 10A, SPST W/ORD Sw, polarized 24VAC/DC | RIB24S-FA | 1 | \$37.00 | 38\% | \$22.94 |
| RIB24S-FA-RD | FUNCTIONAL DEVICES INC. | ENC RLY, 10A, SPST W/ORD, POLARİED 24VAC/DC RED | RIB24S-FA-RD | 1 | \$39.00 | 38\% | \$24.18 |
| RIB24z | Functional devices inc. | power relay | RIB24z | 1 | \$72.44 | 38\% | \$44.91 |
| RIBAN12C | FUNCTIONAL DEVICES INC. | SNAP-ON PANEL RLLAY 15AMP SPDT 12VAC/DC | RIBAN12C | 1 | \$35.00 | 38\% | \$21.70 |

The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Inctled] Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pailat, and/or other similar device, which utilize certan ens (e.g. BACNet, LonTalk, Modbus,解

Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

As part of the and in conjunction with the contractor providing the aforementioned installation, systems. Craion, or maintena te of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtub wers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Inctled] Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor ontrolled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain


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B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

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2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted Inctalledl] Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single patform or integrated

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b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installations sstems in mainten

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units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controte I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

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B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens Displays, etc.)

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products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, Fir Alarm Interface Pane platforms/systems.
2. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or mainten er of Integrated Microprocessor-Based HVAC Equipment

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B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

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|  | gurer |  | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54 " | Lis Price | \% Discount | Nus Nat Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| т $30-100-\mathrm{B}$ | GE Infrastructure SENSING, I PRESS TRANS 0-10.0in WC BI-DIRE | T3009EB15017 | 1 | \$354.00 | 38\% | \$219.48 |
| T40-005C | GE INFRASTRUCTURE SENSING, I PRESS XDUCER 0/0.5in 24VAC | T4004EC015017 | 1 | \$549.00 | 38\% | \$340.38 |
| T40-050C | GE InFRASTRUCTURE SENSING, I PRES.TRANSDUCER 0/55.Oin 24VAC | T4008EC015017 | 1 | \$518.00 | 38\% | \$321.16 |
| W30-31E | GE INFRASTRUCTURE SENSING, $10-6 \#$ SS D.P. TRANS. 4-20MA | W3031E1R15017 | 1 | \$1,018.00 | 38\% | \$631.16 |
| W30-31--BVA | GE Infrastructure sensing, $10-6 \#$ SS DP TRANS 4-20MA BVA | KELE BOM | 1 | \$1,654.00 | 38\% | \$1,025.48 |
| W30-32E | GE INFRASTRUCTURE SENSING, $10-10 \#$ SS D.P. TRANS. 4-20MA | W3032E1R15017 | 1 | \$1,018.00 | 38\% | \$631.16 |
| W30-32--bVA | ge infrastructure sensing, $10-10 \#$ SS DP TRANS 4-20MA BVA | KELE Bom | 1 | \$1,654.00 | 38\% | \$1,025.48 |
| W30-33E | GE Infrastructure sensing, $10-15 \#$ SS D.P. TRANS. 4-20MA | W3033E1R15017 | 1 | \$1,018.00 | 38\% | \$631.16 |
| W30-33E-3VLV | GE InfRASTRUCTURE SENSING, IDP TRANS 0-15PSI 4 -20 MA 3VLV | KELE BOM | 1 | \$1,698.00 | 38\% | \$1,052.76 |
| W30-33--8VA | ge infrastructure sensing, $10-15 \#$ SS DP TRANS 4-20MA BVA | KELE Bom | 1 | \$1,654.00 | 38\% | \$1,025.48 |
| W30-34E | GE Infrastructure sensing, $10-30 \#$ SS d.p. TRANS. 4-20MA | W303411R15017 | 1 | \$1,008.00 | 38\% | \$624.96 |
| W30-34E-3VLV | ge infrastructure sensing, idp trans 0-30PSI 4-20 MA 3VLV | KELE BOM | 1 | \$1,698.00 | 38\% | \$1,052.76 |
| W30-34--BVA | GE INFRASTRUCTURE SENSING, $10-30 \#$ SS DP XDUCER 4-20MA BVA | KELE BOM | 1 | \$1,654.00 | 38\% | \$1,025.48 |
| W30-34-BVA-3R | GE InfRASTRUCTURE SENSING, 10-30\# SS DP XDUCER 4-20MA BVA NEMA 3R | KELE BOM | 1 | \$1,776.00 | 38\% | \$1,101.12 |
| W30-35E | GE INFRASTRUCTURE SENSING, 10-60\# SS D.P. TRANS 4-20MA | W303561R15017 | 1 | \$1,004.00 | 38\% | \$622.48 |
| W30-35--8VA | GE InFRASTRUCTURE SENSING, $10-60 \#$ SS DP TRANS 4-20MA BVA | KELE BOM | 1 | \$1,654.00 | 38\% | \$1,025.48 |
| W30-36E | GE Infrastructure sensing, 10-100\# SS D.P. TRANS. 4-20MA | W3036E1R15017 | 1 | \$1,018.00 | 38\% | \$631.16 |
| W30-36E-3VLV | GE INFRASTRUCTURE SENSING, IDP TRANS 0-100PSI 4-20 MA 3VLV | KELE Bom | 1 | \$1,698.00 | 38\% | \$1,052.76 |
| W30-36E-BVA | GE INFRASTRUCTURE SENSING, $10-100 \#$ SS DP TRANS 4-20MA BVA | KELE Bom | 1 | \$1,654.00 | 38\% | \$1,025.48 |
| W30-37E | GE Infrastructure sensing, 10-150\# SS d.p. TRANS. 4-20MA | W3037E1R15017 | 1 | \$1,018.00 | 38\% | \$631.16 |
| W30-37--BVA | GE INFRASTRUCTURE SENSING, $10-150 \#$ SS DP TRANS 4-20MA BVA | KELE BOM | 1 | \$1,654.00 | 38\% | \$1,025.48 |
| W30-38E | GE InfRASTRUCTURE SENSING, 10-200\# SS D.P. TRANS. 4-20MA | W3038E1R15017 | 1 | \$1,018.00 | 38\% | \$631.16 |
| W30-38E-BVA | GE Infrastructure sensing, I0-200\# SS DP TRANS 4-20MA BVA | KELE BOM | 1 | \$1,654.00 | 38\% | \$1,025.48 |
|  | 8041 GE Infrastructure sensing, I IUCT SENSOR 0-10VDC ANALOG OUTPUT | 8041 | 1 | \$421.68 | 38\% | \$261.44 |
| T1505 | ge infrastructure sensing, I SPLASH RESIITANT ENCLOSURE | T1505 | 1 | \$237.31 | 38\% | \$147.13 |
| T1508 | GE Infrastructure sensing, iduct Aspiration box | T1508 | 1 | \$268.36 | 38\% | \$166.38 |
| T1551 | GE INFRASTRUCTURE SENSING, I OUTDOOR AIR ENCL FOR OLD 8002 MODELS (HEATED) | T1551 | 1 | \$408.41 | 38\% | \$253.21 |
| T1552 | GE INFRASTRUCTURE SENSING, I OUTDOOR AIR ENCL FOR 8100,8200 \& 8300 (HEATED) | T1552 | 1 | \$416.25 | 38\% | \$258.08 |
| T2075NG | GE InFRASTRUCTURE SENSING, I ICALIBRATION KIT W/O GAS | T2075NG | 1 | \$842.09 | 38\% | \$522.10 |
| T2090 | GE InfRASTRUCTURE SENSING, I T8100 CALBRATION SOFTWARE | T2090 | 1 | \$375.39 | 38\% | \$232.74 |
| T8002-ACD | GE Infrastructure sensing, I WALL MNT CO2 0-5000 PPM | T8002-ACD | 1 | \$575.59 | 38\% | \$356.87 |
| T8002-ACD-2K | GE Infrastructure sensing, I WALL MNT CO2-2000 PPM | T8002-ACD-2K | 1 | \$566.80 | 38\% | \$351.42 |
| T8100 | GE INFRASTRUCTURE SENSING, I WALL-MNT CO2 SNSR, NO DISPLAY, White - No RELAY | T8100 | 1 | \$447.60 | 38\% | \$277.51 |
| T8100-ASP | GE INFRASTRUCTURE SENSING, I WALL MNT CO2 SNSR, W/T1508 | T8100-ASP | 1 | \$631.06 | 38\% | \$391.26 |
| T8100-B | GE INFRASTRUCTURE SENSING, I WALL-MNT CO2 SNSR, NO DISPLAY BLACK - NO RELAY | T8100-B | 1 | \$491.64 | 38\% | \$304.82 |
| T8100-D | GE Infrastructure Sensing, I WALL-MNT CO2 SNSR, LCD display, white - no relay | T8100-D | 1 | \$495.28 | 38\% | \$307.07 |
| T8100-D-ASP | GE INFRASTRUCTURE SENSING, I WALL MNT CO2 SNSR, W/LCD \& T1508 | T8100-D-ASP | 1 | \$683.49 | 38\% | \$423.76 |
| T8100-DB | GE Infrastructure sensing, i wall-Mnt cor snsr, LCD display, black - no relay | T8100-DB | 1 | \$541.64 | 38\% | \$335.82 |
| т8100-H | GE InfRASTRUCTURE SENSING, I CO2/RH/TEMP XMTR - NO RELAY | T8100-H | 1 | \$611.69 | 38\% | \$379.25 |
| T8100-HD | GE INFRASTRUCTURE SENSING, I CO2/RH/TEMP XMTR W/DISPLAY - No RELAY | T8100-HD | 1 | \$688.52 | 38\% | \$426.88 |
| T8100-HDB | GE InFRASTRUCTURE SENSING, I WALL-MNT CO2, RH\% ACTVE TEMP LCD disp blk-no RLY | T8100-HDB | 1 | \$710.89 | 38\% | \$440.75 |
| T8200 | GE InFRASTRUCTURE SENSING, I WALL-MNT CO2 SNSR, WHT FULL TIME OCC APP-NO RLY | T8200 | 1 | \$589.98 | 38\% | \$365.79 |
| т $8200-\mathrm{B}$ | GE INFRASTRUCTURE SENSING, I WALL CO2 SNSR, BLACK FULL TIME OCC APP-NO RLY | т $8200-\mathrm{B}$ | 1 | \$612.54 | 38\% | \$379.77 |
| T8200-D | GE Infrastructure sensing, iwall coz, w/LCD, wht full time occ app-no relay | T8200-D | 1 | \$639.94 | 38\% | \$396.76 |
| T8200-dB | GE INFRASTRUCTURE SENSING, I WALL CO2, W/LCD, BLK FULL TIME OCC APP-NO RELAY | T8200-DB | 1 | \$662.53 | 38\% | \$410.77 |
| T8300-B | GE infrastructure sensing, iduct mnt, pitot tube kit co2 Snsr black-no relay | T8300-B | 1 | \$666.71 | 38\% | \$413.36 |
| т8300--В | GE INFRASTRUCTURE SENSING, IDUCT MNT PITOT TUBE KIT CO2 SNSR W/LCD bLk-No RLY | T8300-DB | 1 | \$633.50 | 38\% | \$392.77 |
|  | 7001 GE INFRASTRUCTURE SENSING, I HAND HELD CO2 TEMP MONITOR | 7001 | 1 | \$1,267.41 | 38\% | \$785.79 |
| BLD7800 | GE InfRASTRUCTURE SENSING, I HANDHELD DIGITAL HYGROMETER W/CASE | BLD7800 | 1 | \$1,192.00 | 38\% | \$739.04 |
| RP2-112 | GE TOTAL LIGHTING CONTROL WALL PLATE; 1 GANG, 1 SWITCH; IVORY | RP2-112 | 1 | \$24.00 | 38\% | \$14.88 |
| RP2-116 | GE Total lighting control wall plate; 1 GANG, 1 SWitch; STAIILESS Steel | RP2-116 | 1 | \$42.00 | 38\% | \$26.04 |
| RP2-117 | GE TOTAL LIGHTING CONTROL WALL PLATE; 1 GANG, 1 SWITCH; White | RP2-117 | 1 | \$24.00 | 38\% | \$14.88 |
| RP2-122 | GE TOTAL LIGHting control wal plate; 1 GANG, 2 SWitches; IVORY | RP2-122 | 1 | \$24.00 | 38\% | \$14.88 |
| RP2-126 | ge total lighting control Wall plate; 1 Gang, 2 Switches; Stainless steel | RP2-126 | 1 | \$42.00 | 38\% | \$26.04 |
| RP2-127 | GE Total lighting control wal plate; 1 GANG, 2 SWITCHES; White | RP2-127 | 1 | \$24.00 | 38\% | \$14.88 |
| RP2-232 | GE TOTAL LIGHTING CONTROL WAL PLATE; 2 GANG, 3 SWITCHES; IVORY | RP2-232 | 1 | \$41.00 | 38\% | \$25.42 |
| RP2-236 | GE TOTAL LIGHTING CONTROL WALL PLATE; 2 GANG, 3 SWITCHES; STAINLESS STEEL | RP2-236 | 1 | \$78.00 | 38\% | \$48.36 |
| RP2-237 | GE TOTAL LIGHTING CONTROL WALL PLATE; 2 GANG, 3 SWITCHES; WHITE | RP2-237 | 1 | \$41.00 | 38\% | \$25.42 |
| RP2-242 | GE TOTAL LIGHTING CONTROL WALL Plate; 2 GANG,4 SWITCHES; IVORY | RP2-242 | 1 | \$41.00 | 38\% | \$25.42 |
| RP2-246 | GE TOTAL LIGHTING CONTROL WALL PLATE; 2 GANG,4 SWITCHES; STAINLESS STEEL | RP2-246 | 1 | \$80.00 | 38\% | \$49.60 |
| RP2-247 | ge total lighting control wall plate; 2 GANG, 4 Switches; white | RP2-247 | 1 | \$41.00 | 38\% | \$25.42 |
| RR-7 | GE TOTAL LIGHTING CONTROL SPST LIGHTING CONTACTOR | RR-7 | 1 | \$110.00 | 38\% | \$68.20 |
| RR-9 | GE TOTAL LIGHTING CONTROL 2 -SPST LIGHTING CONTACTOR | RR-9 | 1 | \$171.00 | 38\% | \$106.02 |
| RS2-32 | GE TOTAL LIGHTING CONTROL REMOTE CONTROL SWITCH; IVORY | RS2-32 | 1 | \$63.00 | 38\% | \$39.06 |
| RS2-37 | GE TOTAL LIGHting Control remote Control switch; White | RS2-37 | 1 | \$30.00 | 38\% | \$18.60 |
| ST25-1A030 | GENERAL AIR PRODUCTS, INC. SAFETY VALVE 30PSI | ST25-10030 | 1 | \$45.00 | 38\% | \$27.90 |
|  | 10611109 GENESIS CABLE PRODUCTS/HONL LONWRKS 22 GA 1 PR NPLNM GRY 1000 | 10611109 | 1 | \$244.73 | 38\% | \$151.73 |
|  | 10621109 GENESIS CABLE PRODUCTS/HONL LONWRKS 22 GA 2 PR NPLNM GRY 1000 | 10621109 | 1 | \$265.42 | 38\% | \$164.56 |
|  | 11011101 GENESIS CABLE PRODUCTS/HONI 22/2 SOLID CM/CL2 WHT 1000 | 11011101 | 1 | \$132.00 | 38\% | \$81.84 |
|  | 11021101 GENESSIS CABLE PRODUCTS/HONI 22/2 STR CM/CLL WHT 1000 | 11021101 | 1 | \$158.00 | 38\% | \$97.96 |
|  | 11031101 GENESIS CABLE PRODUCTS/HONI 22/44 SOLID CM/CL2 WHT 1000 | 11031101 | 1 | \$204.00 | 38\% | \$126.48 |
|  | 11041101 GENESIS CABLE PRODUCTS/HONI 22/4 STR CM/CL2 WHT 1000 | 11041101 | 1 | \$242.00 | 38\% | \$150.04 |
|  | 12021009 GENESIS CABLE PRODUCTS/HONI 2 CONDUCTOR 22GA STR NPLMN SHLD GRY 1000 | 12021009 | 1 | \$241.00 | 38\% | \$149.42 |
|  | 12041009 GENESIS CABLE PRODUCTS/HON 4 CONDUCTOR 22GA STR NPLMN SHLD GRY 1000 | 12041009 | 1 | \$391.00 | 38\% | \$242.42 |
|  | 12061009 GENESIS CABLE PRODUCTS/HONI 6 CONDUCTOR 22GA STR NPLMN SHLD GRY 1000 | 12061009 | 1 | \$499.00 | 38\% | \$309.38 |
|  | 12141009 GENESSIS CABLE PRODUCTS/HONI 2 CONDUCTOR 18GA STR NPLMN SHLD GRY 1000 | 12141009 | 1 | \$412.11 | 38\% | \$255.51 |
|  | 12151009 GENESSIS CABLE PRODUCTS/HONI 4 CONDUCTOR 18GA STR NPLMN SHLD GRY 1000 | 12151009 | 1 | \$763.00 | 38\% | \$473.06 |
|  | 12161009 GENESIS CABLE PRODUCTS/HONI 6 CONDUCTOR 18GA STR NPLMN SHLD GRY 1000 | 12161009 | 1 | \$1,060.00 | 38\% | \$657.20 |
|  | 12171009 GENESSIS CABLE PRODUCTS/HONI 8 CONDUCTOR 18GA STR NPLMN SHLD GRY 1000 | 12171009 | 1 | \$1,329.00 | 38\% | \$823.98 |
|  | 12281009 GENESSIS CABLE PRODUCTS/HONI 3 CONDUCTOR 18GA STR NPLMN SHLD GRY 1000 | 12281009 | 1 | \$586.33 | 38\% | \$363.52 |
|  | 12811009 Genesis Cable products/HONI 2 TP 22GA STR NPLMN SHLD GRY 1000 | 12811009 | 1 | \$433.00 | 38\% | \$268.46 |
|  | 12831009 GENESSIS CABLE PRODUCTS/HONI 3 TP 22GA STR NPLMN SHLD GRY 1000 | 12831009 | 1 | \$538.00 | 38\% | \$333.56 |
|  | 31141012 GEnESII CABLE PRODUCTS/HONI 2 CONDUCTOR 18GA STR PLMN NAT 1000 | 31141012 | 1 | \$466.00 | 38\% | \$288.92 |
|  | 31145212 GENESIS CABLE PRODUCTS/HONI WIRE; 18/2 STR CMP/FT6; 500 FT PULL BOX | 31145512 | 1 | \$228.65 | 38\% | \$141.76 |
|  | 31151012 GENESIS CABLE PRODUCTS/HON 4 CONDUCTOR 18GA STR PLMN NAT 1000 | 31151012 | 1 | \$773.00 | 38\% | \$479.26 |
|  | 31151312 GENESIS CABLE PRODUCTS/HONI WIRE; 18/4 STR CMP/FT6; 1000 FT PULL BOX | 31151112 | 1 | \$1,080.00 | 38\% | \$669.60 |
|  | 31165212 GENESIS CABLE PRODUCTS/HONI WIRE; $18 / 6$ STR CMP/FT6; 500 FT PULL BOX | 31165512 | 1 | \$513.00 | 38\% | \$318.06 |
|  | 31171012 GENESIS CABLE PRODUCTS/HONI 8 CONDUCTOR 18GA STR PLMN NAT 1000 | 31171012 | 1 | \$1,372.00 | 38\% | \$850.64 |
|  | 31261012 Genesis Cable products/Honi 3 Conductor 18GA STR PLMN NAT 1000 | 31261012 | 1 | \$647.00 | 38\% | \$401.14 |
|  | 32021012 GENESIS CABLE PRODUCTS/HONI 2 CONDUCTOR 22GA STR PLNM SHLD NAT 1000 | 32021012 | 1 | \$296.64 | 38\% | \$183.92 |
|  | 32041012 GENESIS CABLE PRODUCTS/HONI 4 CONDUCTOR 22GA STR PLNM SHLD NAT 1000 | 32041012 | 1 | \$465.00 | 38\% | \$288.30 |
|  | 32061012 GENESIS CABLE PRODUCTS/HONI 6 CONDUCTOR 22GA STR PLNM SHLD NAT 1000 | 32061012 | 1 | \$631.00 | 38\% | \$391.22 |
|  | 32140312 GENESIS CABLE PRODUCTS/HONI 2 CONDUCTOR 18GA STR PLMN SHLD CABLE | 32140312 | 1 | \$120.51 | 38\% | \$74.72 |
|  | 32141012 GENESIS CABLE PRODUCTS/HONI 2 CONDUCTOR 18GA STR PLMN SHLD NAT 1000 | 32141012 | 1 | \$478.44 | 38\% | \$296.63 |
|  | 32151012 Genesis CAbLE PRODUCTS/HONI 4 CONDUCTOR 18GA STR PLMN SHLD NAT 1000 | 32151012 | 1 | \$781.81 | 38\% | \$484.72 |
|  | 32161012 Genesis CABLE PRODUCTS/HONI 6 CONDUCTOR 18GA STR PLMN SHLD NAT 1000 | 32161012 | 1 | \$1,080.24 | 38\% | \$669.75 |
|  | 32171012 GENESIS CABLE PRODUCTS/HON1 8 CONDUCTOR 18GA STR PLMN SHLD NAT 1000 | 32171012 | 1 | \$1,378.40 | 38\% | \$854.61 |
|  | 32261012 GENESIS CABLE PRODUCTS/HON1 3 CONDUCTOR 18GA STR PLMN SHLD NAT 1000 | 32261012 | 1 | \$661.17 | 38\% | \$409.93 |
|  | 32511005 GENESIS CABLE PRODUCTS/HONI 22 GA 1 PR STR TC SHLD MS/TP EIA 485 GRN 1000 | 32511005 | 1 | \$753.25 | 38\% | \$467.02 |
|  | 32522101 GENESIS CABLE PRODUCTS/HONL LONWRKS 22 GA 1 PR PLNM WHT 1000 | 32522101 | 1 | \$466.50 | 38\% | \$289.23 |
|  | 32541101 Genesis Cable products/HONL LONWRKS 22 GA 1 PR PLNM WHT 1000 | 32541101 | 1 | \$681.00 | 38\% | \$422.22 |
|  | 32951099 Genesis Cable products/HoNi ACCESS Control plenum | 32951099 | 1 | \$2,488.16 | 38\% | \$1,542.66 |
|  | 33221003 Genesis CABLE PRODUCTS/HON1 18 GA 1 PR STR SHLD MS/TP EIA 485 ORG 1000 | 33221003 | 1 | \$1,166.45 | 38\% | \$723.20 |
|  | 46522110 GENESIS CABLE PRODUCTS/HON 18 GA 1 PR STR TC SHLD 25 P//FT PURP 1000 TRNE | 46522110 | 1 | \$1,014.43 | 38\% | \$628.95 |
|  | 47104801 GENESIS CABLE PRODUCTS/HONIT-STAT WIRE 18/2 NPLMN WHT 500 | 47104801 |  | \$159.00 | 38\% | \$98.58 |

The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Itegrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc, which are Factory-Mound HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain斯
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs owers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and faciity system includes an emergency telephone system or pbx system expressly and solely used.
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Iodel Mumber | Vantractuer | plion | ret Code | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54" | List Price | \% Discount | ws |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 47104807 GENESIS CABLE PRODUCTS/HONI | IT-STAT WIRE 18/2 NPLMN BRN 500 | 47104807 | 1 | \$138.33 | 38\% | \$85.76 |
|  | 47114801 GENESSIS CABLE PRODUCTS/HONI | IT-STAT WIRE 18/3 NPLMN WHT 500 | 47114801 | 1 | \$237.00 | 38\% | \$146.94 |
|  | 47114807 GENESSIS CABLE PRODUCTS/HONI | IT-STAT WIRE 18/3 NPLMN BRN 500 | 47114807 | 1 | \$211.92 | 38\% | \$131.39 |
|  | 47120301 GENESSIS CABLE PRODUCTS/HONI | IT-STAT WIRE 18/4 NPLMN WHT 250 | 47120301 | 1 | \$164.00 | 38\% | \$101.68 |
|  | 47120307 GENESIS CABLE PRODUCTS/HONI | IT-STAT WIRE 18/4 NPLMN BRN 250 F. BOX | 47120307 | 1 | \$143.83 | 38\% | \$89.17 |
|  | 47130301 GENESIS CABLE PRODUCTS/HONI | IT-STAT WIRE 18/5 NPLMN WHT 250 | 47130301 | 1 | \$171.00 | 38\% | \$106.02 |
|  | 47130307 GENESIS CABLE PRODUCTS/HONI | IT-STAT WIRE 18/5 NPLMN BRN 250 | 47130307 | , | \$145.62 | 38\% | \$90.28 |
|  | 47140301 GENESIS CABLE PRODUCTS/HONI | IT-Stat Wire 18/6 NPLMN WHT 250 | 47140301 | 1 | \$236.00 | 38\% | \$146.32 |
|  | 47140307 GENESSIS CABLE PRODUCTS/HON | IT-STAT WIRE 18/6 NPLMN BRN 250 | 47140307 | 1 | \$204.77 | 38\% | \$126.96 |
|  | 47160301 GENESIS CABLE PRODUCTS/HONI | IT-STAT WIRE 18/8 NPLMN WHT 250 | 47160301 | 1 | \$251.00 | 38\% | \$155.62 |
|  | 47160307 GENESIS CABLE PRODUCTS/HON | IT-STAT WIRE 18/8 NPLMN BRN 250 | 47160307 | 1 | \$214.84 | 38\% | \$133.20 |
|  | 47614812 GENESSIS CABLE PRODUCTS/HONI | IT-STAT 18/3 PLMN NAT 250 | 47614812 | 1 | \$308.48 | 38\% | \$191.26 |
|  | 47630312 GENESSIS CABLE PRODUCTS/HONI | IT-STAT 18/5 PLMN NAT 250 | 47630312 | 1 | \$238.22 | 38\% | \$147.70 |
|  | 47640312 GENESIS CABLE PRODUCTS/HONI | IT-STAT 18/6 PLMN NAT 250 | 47640312 | 1 | \$277.20 | 38\% | \$171.86 |
|  | 47660312 GENESSIS CABLE PRODUCTS/HONI | IT-STAT 1888 PLMN NAT 250 | 47660312 | 1 | \$351.35 | 38\% | \$217.84 |
|  | 50011008 GENESIS CABLE PRODUCTS/HONI | IRG59 95\% BC SHLD CCTV BLACK 1000 | 50011008 | 1 | \$531.00 | 38\% | \$329.22 |
|  | 50031008 GENESIS CABLE PRODUCTS/HON | I RG6 60\% ALUM SHLD CATV BLACK 1000 | 50031008 | 1 | \$196.00 | 38\% | \$121.52 |
|  | 50131008 GENESSIS CABLE PRODUCTS/HONI | IRG59 95\% ALUM SHLD \& 18/2 STR CCTV BLACK 1000 | 50131008 | 1 | \$781.81 | 38\% | \$484.72 |
|  | 50781101 GENESIS CABLE PRODUCTS/HONI | IETHRNET 24/4 CATSE NPLMN WHT 1000 PULL BOX | 50781101 | 1 | \$256.00 | 38\% | \$158.72 |
|  | 50881109 GENESIS CABLE PRODUCTS/HONI | IETHRNET 24/4 CATSE PLMN GRY 1000 PULL BOX | 50881109 | 1 | \$699.00 | 38\% | \$402.38 |
|  | 50922106 GENESIS CABLE PRODUCTS/HONI | 1 ItHRNET 23/4 CaT6 RISER BLUE 1000 | 50922106 | 1 | \$458.00 | 38\% | \$283.96 |
|  | 51022106 GENESIS CABLE PRODUCTS/HONI | IETHERNET 23/4 Cat6 PLNM BLUE 1000 | 51022106 | 1 | \$1,054.00 | 38\% | \$653.48 |
| CBL-MSTP182SP | genesis Cable products/Honi | 18 GA 1 PR STR SHLD MS/TP EIA 485 ORG 1000 | 33221003 | 1 | \$1,166.45 | 38\% | \$723.20 |
| CBL-MSTP222SP | GENESIS CABLE PRODUCTS/HONI | 122 GA 1 PR STR TC SHLD MS/TP EIA 485 GRN 1000 | 32511005 | 1 | \$753.25 | 38\% | \$467.02 |
| sтв | gentex Corporation | 24VDC WALL MNTD.STROBE LIGHT | 904-1188-002 | 1 | \$109.00 | 38\% | \$67.58 |
| StB-H | gentex Corporation | 24VDC WALL MNTD STROBE W/HORN | 904-1148-002 | 1 | \$136.00 | 38\% | \$84.32 |
| 7200F | gentex Corporation | 220 VAC SMOKE ALARM | 907-1207-2 | 1 | \$116.00 | 38\% | \$71.92 |
| RR-7-B | GEXPRO (FORMERLY GE SUPPLY) | ge lighting relay w/banana plg | KELE BOM | 1 | \$113.00 | 38\% | \$70.06 |
| RR-7-T | GEXPRO (FORMERLY GE SUPPLY) | G.E. LIGHting relay with connector | KELE BOM | 1 | \$112.00 | 38\% | \$69.44 |
| RR-9-B | GEXPRO (FORMERLY GE SUPPLY) | Rr-9 Lighting relay with 5 Pin banana plug | KELE BOM | 1 | \$181.00 | 38\% | \$112.22 |
| GFF-50 | GEXPRO (FORMERLY GE SUPPLY) | 1/2" Galvanized mounting flange | FP 401 | 1 | \$15.72 | 38\% | \$9.75 |
| L35 | Graybar electric co inc | GROUND LUG \#8 MAX. | L35 | 1 | \$7.13 | 38\% | \$4.42 |
| вкт-1 | graysar electric co inc | MOUNTING ADAPTER/WMB-1 | SUTTLE-\#43A | 1 | \$3.02 | 38\% | \$1.87 |
| CNic | heCheng electrical co. (MFG. | . AUXILLIARY CONTACTS 1 SPDT | SAIC300VQ | 1 | \$17.68 | 38\% | \$10.96 |
| dPC01A2D30 | heCheng electrical co. (mfg. | . CONTACTOR, 2 POLE 30A, 120VAC | SA-2P-30A-120VaC | 1 | \$31.00 | 38\% | \$19.22 |
| dPC01A2D40 | heCheng electrical co. (MFG. | . CONTACTOR, 2 POLE 40A, 120VAC | SA-2P-40A-120VAC | 1 | \$46.00 | 38\% | \$28.52 |
| DPC01A3B50 | HeCheng electrical co. (MFG. | . CONTACTOR, 3 POLE 50A, 120VAC | SA-3P-50A-120VAC | 1 | \$112.00 | 38\% | \$69.44 |
| DPC01A3B60 | HECHENG ELLECTRICAL CO. (MFG. | . CONTACTOR, 3 POLE 60A, 120VAC | SA-3P-60A-120VAC | 1 | \$145.00 | 38\% | \$89.90 |
| DPC01A3C30 | HECHENG ELLCTRICAL CO. (MFG. | . CONTACTOR, 3 POLE 30A, 120VAC | SA-3P-30A-120VAC | 1 | \$55.00 | 38\% | \$34.10 |
| DPC01A3C40 | HeCHENG ELLETRICAL CO. (MFG. | . CONTACTOR, 3 POLE 40A, 120VAC | SA-3P-40A-120VAC | 1 | \$74.00 | 38\% | \$45.88 |
| dPC01a4A30 | heCheng electrical co. (MFG. | . CONTACTOR, 4 POLE 30A, 120VAC | SA-4P-30A-120VAC | 1 | \$65.00 | 38\% | \$40.30 |
| dPCO2A2D30 | heCheng electrical co. (MFG. | . CONTACTOR, 2 POLE 30A, 240VAC | SA-2P-30A-208/240VAC | 1 | \$34.00 | 38\% | \$21.08 |
| DPC24A2D30 | HECHENG ELECTRICAL CO. (MFG. | CONTACTOR, 2 POLE 30A, 24VAC | SA-2P-30A-24VAC | 1 | \$31.00 | 38\% | \$19.22 |
| DPC24A2D40 | heCheng electrical co. (MFG. | CONTACTOR, 2 POLE 40A, 24VAC | SA-2P-40A-24VAC | 1 | \$45.00 | 38\% | \$27.90 |
| DPC24A3B50 | HeCHENG ELLETRICAL CO. (MFG. | CONTACTOR, 3 POLE 50A, 24VAC | SA-3P-50A-24VAC | 1 | \$107.00 | 38\% | \$66.34 |
| DPC24A3B60 | HeCHENG ELLETRICAL CO. (MFG. | CONTACTOR, 3 POLE 60A, 24VAC | SA-3P-60A-24VAC | 1 | \$145.00 | 38\% | \$89.90 |
| DPC24A3C30 | heCheng electrical co. (MFG. | CONTACTOR, 3 POLE 30A, 24VAC | SA-3P-30A-24VAC | 1 | \$55.00 | 38\% | \$34.10 |
| DPC24A3C40 | heCheng electrical co. (MFG. | . Contactor, 3 POLE 40A, 24VAC | SA-3P-40A-24VAC | 1 | \$73.00 | 38\% | \$45.26 |
| dPC24AAA30 | heCheng electrical co. (MFG. | CONTACTOR, 4 POLE 30A, 24VAC | SA-4P-30A-24VAC | 1 | \$66.00 | 38\% | \$40.92 |
| DPC24A4A40 | hecheng electrical co. (MFG. | . Contactor, 4 POLE 40A, 24VAC | SA-4P-40A-24VAC | 1 | \$85.00 | 38\% | \$52.70 |
| 1326 -HID | HID GLOBAL | PROXCRD II | 1326-HID | 1 | \$6.11 | 38\% | \$3.79 |
| 5355AGK00 | HID GLobal | HID PROXPRO WIEGAND KEYPAD GRY | 5355AGK00 | 1 | \$782.00 | 38\% | \$484.84 |
| 5355AGN00 | HID GLOBAL | HID PROXPRO WIEGAND GRY | 5355AGN00 | 1 | \$474.05 | 38\% | \$293.91 |
| 5365EGP00 | HID GLOBAL | HID MIIIPROX WIEGAND GRY | 5365EGP00 | 1 | \$407.95 | 38\% | \$252.93 |
| 5395CG100 | hid global | HID THINLINE II WIEGAND CLASSIC GRY | 5395CG100 | 1 | \$431.75 | 38\% | \$267.69 |
| 5395Ck100 | hid global | Thin-Line ii in black | 5395CK100 | 1 | \$422.50 | 38\% | \$261.95 |
| 5455BGN00 | hid global | PROXPRO II In GRAY | 5455Bgnoo | 1 | \$414.67 | 38\% | \$257.10 |
| 6005BGB00 | hid global | PROX POINT PLUS IN GRAY | $6005 \mathrm{BGB0}$ | 1 | \$216.69 | 38\% | \$134.35 |
| 030-0040-00 | hoffman enclosures inc. | A1212CHNF W COVER MOD W Hole | A1212CHNF W COVER MOD w Hole | 1 | \$421.00 | 38\% | \$261.02 |
| 030-0071-00 | hoffman enclosures inc. | PB ENCLOSURE 2PB x 22.5 mm | Q2PBPCDM | 1 | \$161.07 | 38\% | \$99.86 |
| 030-0074-00 | hoffman enclosures inc. | PB ENCLOSURE 1PB $\times 22.5 \mathrm{~mm}$, SS TYPE 304 | E1PBGSS | 1 | \$517.30 | 38\% | \$320.73 |
| A-10axfn | hoffman enclosures inc. | 560 CFM 10in COOLING FAN | A10axfn | 1 | \$732.16 | 38\% | \$453.94 |
| A-10N104 | hoffman enclosures inc. | ENCLOSURE 10x10x4 | A10N104 | 1 | \$165.48 | 38\% | \$102.60 |
| A-10N104P | hoffman enclosures inc. | ENCL $10 \times 10 \times 4$ W/PERF PANEL | KELE Kit | 1 | \$173.48 | 38\% | \$107.56 |
| A-10N106 | hoffman enclosures inc. | NEMA 1 10x10X6 Enclosure | A10N106 | 1 | \$187.75 | 38\% | \$116.41 |
| A-10N106P | hoffman enclosures inc. | ENCL 10x10x6 W/PERF PANEL | KELE KIT | 1 | \$194.71 | 38\% | \$120.72 |
| A-10N10P | hoffman enclosures inc. | PANEL FOR $10 \times 10$ NEMA 1 | A10N10P | 1 | \$19.58 | 38\% | \$12.14 |
| A-10N84 | hoffman enclosures inc. | NEMA 1 10X8X4 ENCLOSURE | A10N84 | 1 | \$150.17 | 38\% | \$93.11 |
| A-10N84P | hoffman enclosures inc. | ENCL 10X8X4 W/PER PANEL | KELE KIT | 1 | \$156.43 | 38\% | \$96.99 |
| A-10N86 | hoffman enclosures inc. | NEMA 1 10X8X6 ENCLOSURE | A10N86 | 1 | \$169.94 | 38\% | \$105.36 |
| A-10N86P | hoffman enclosures inc. | ENCL 10X8X6 W/PERF PANEL | KELE Kit | 1 | \$175.29 | 38\% | \$108.68 |
| A-10N8P | hoffman enclosures inc. | PANEL FOR 10X8 NEMA 1 | A10N8P | 1 | \$17.82 | 38\% | \$11.05 |
| A-10P10 | hoffman enclosures inc. | PANEL FOR A $12 \times 10$ NEMA 3R ENCL | A10P10 | 1 | \$23.31 | 38\% | \$14.45 |
| A-10P10-NADFK | hoffman enclosures inc. | 10X10 PANEL W/SWING-OUT HARDWARE | KELE KIT | 1 | \$219.23 | 38\% | \$135.92 |
| A-10R86HCLO | hoffman enclosures inc. | NEMA 3R 10X8X6 ENCL | A10R86HCLO | 1 | \$148.10 | 38\% | \$91.82 |
| A-10R86HCLOP | hoffman enclosures inc. | NEMA 3R 10x8x6 W/PERR PANEL | KELE KIT | 1 | \$182.26 | 38\% | \$113.00 |
| A-1212CH | hoffman enclosures inc. | $12 \times 12 \times 6$ BOX, HINGED COVER, NEMA 12 | A1212CH | 1 | \$300.91 | 38\% | \$186.56 |
| A-12N104 | HOFFMAN ENCLOSURES INC. | NEMA $12 \times 10 \times 4$ ENCLOSURE | ${ }_{\text {A }}^{\text {A2N104 }}$ | 1 | \$181.10 | 38\% | \$112.28 |
| A-12N104P | hoffman enclosures inc. | 12X10X4NEMA 1 ENCL W/PERF | KELE KIT | 1 | \$190.81 | 38\% | \$118.30 |
| A-12N106 | hoffman enclosures inc. | NEMA $112 \times 10 \times 6$ ENCLOSURE | A12N106 | 1 | \$204.97 | 38\% | \$127.08 |
| A-12N106P | hoffman enclosures inc. | ENCL 12x10x6 W/PERF PANEL | KELE KIT | 1 | \$213.67 | 38\% | \$132.48 |
| A-12N10P | hoffman enclosures inc. | PANEL FOR $12 \times 10$ NEMA 1 | A12N10P | 1 | \$24.16 | 38\% | \$14.98 |
| ${ }^{\text {A-12N124 }}$ | HOFFMAN ENCLOSURES INC. | NEMA $112 \times 12 \times 4$ ENCLOSURE | ${ }_{\text {Al2N124 }}$ | 1 | \$195.06 | 38\% | \$120.94 |
| A-12N124P | hoffman enclosures inc. | ENCL $12 \times 12 \times 4$ W/PERF PANEL | KELE KIT | 1 | \$209.80 | 38\% | \$130.08 |
| A-12N126 | HOFFMAN ENCLOSURES INC. | NEMA $112 \times 12 \times 6$ ENCLOSURE | ${ }_{\text {Al2N126 }}$ | 1 | \$221.50 | 38\% | \$137.33 |
| A-12N126P | hoffman enclosures inc. | ENCL $12 \times 12 \times 6$ W/PERF PANEL | KELE KIT | 1 | \$235.43 | 38\% | \$145.97 |
| A-12N128 | hoffman enclosures inc. | NEMA $112 \times 12 \times 8$ | A12N128 | 1 | \$250.29 | 38\% | \$155.18 |
| A-12N128P | hoffman enclosures inc. | ENCL $12 \times 12 \times 8$ W/PERF PANEL | KELE KIT | 1 | \$260.68 | 38\% | \$161.62 |
| A-12N12P | hoffman enclosures inc. | PANEL FOR $12 \times 12$ NEMA 1 | A12N12P | 1 | \$28.74 | 38\% | \$17.82 |
| A-12P10 | hoffman enclosures inc. | PANEL FOR $12 \times 12$ NEMA 3R | A12P10 | 1 | \$26.03 | 38\% | \$16.14 |
| A-12P10-NADFK | hoffman enclosures inc. | 12X10 PANEL W/SWING-OUT HARDWARE | KELE KIT | 1 | \$222.29 | 38\% | \$137.82 |
| A-12P24 | hoffman enclosures inc. | PANEL FOR NEMA 12,FTTS $12 \times 24$ | A12P24 | 1 | \$97.41 | 38\% | \$60.39 |
| A-12R106HCLO | hoffman enclosures inc. | ENCL 12x10x6 | A12R106HCLO | 1 | \$180.94 | 38\% | \$112.18 |
| A-12R106HCLOP | hoffman enclosures inc. | NEMA 3R 12X10x6 W/PRRF PANEL | KELE KIT | 1 | \$218.55 | 38\% | \$135.50 |
| A-12R124 | hoffman enclosures inc. | $12 \times 12 \times 4$ SCREW COVER ENCLOSURE, TYPE 3R | A12R124 | 1 | \$129.93 | 38\% | \$80.56 |
| A-12R126HCLO | hoffman enclosures inc. | NEMA 3R $12 \times 12 \times 6$ Enclosure | A12R126HCLO | 1 | \$190.84 | 38\% | \$118.32 |
| A-12R126HCLOP | hoffman enclosures inc. | NEMA 3R 12X12X6 W/PERF PANEL | KELE KIT | 1 | \$236.09 | 38\% | \$146.38 |
| A-14N124 | hoffman enclosures inc. | NEMA $114 \times 12 \times 4$ Enclosure | A14N124 | 1 | \$216.24 | 38\% | \$134.07 |
| A-14N124P | hoffman enclosures inc. | ENCL $14 \times 12 \times 4$ W/PERF PANEL | KELE KIT | 1 | \$230.40 | 38\% | \$142.85 |
| A-14N126 | hoffman enclosures inc. | NEMA 1 14×12X6 ENCLOSURE | A14N126 | 1 | \$243.70 | 38\% | \$151.09 |
| A-14N126P | hoffman enclosures inc. | ENCL 14×12X6 W/PERF PANEL | KELE KIT | 1 | \$257.81 | 38\% | \$159.84 |
| A-14N128 | hoffman enclosures inc. | ENCLOSURE 14×12x8 | A14N128 | 1 | \$272.09 | 38\% | \$168.70 |
| A-14N128P | hoffman enclosures inc. | ENCL 14×12X8 W/PERF PANEL | KELE KIT | 1 | \$285.18 | 38\% | \$176.81 |
| A-14N12P | hoffman enclosures inc. | PANEL FOR $14 \times 12$ NEMA 1 | A14N12P | 1 | \$32.23 | 38\% | \$19.98 |
| A-14P12 | hoffman enclosures inc. | PANEL FOR $16 \times 12$ NEMA 3R | A14P12 | 1 | \$34.86 | 38\% | \$21.61 |

The scope of this contract includes the following
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. . BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated
Microprocessor-Controled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems. Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted Inctledl Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pane( (1)A, and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance; and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementio.

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, wers, water fountains, water heaters hot water tanks, garbage disposal
2. General Ductwork, Piping, etc. shall not be obtained on these contracts. Chillers, Rest $/$, $/$ modules, etc. which are not
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely use
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

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| A-14P12-NADFK | HOFFMAN ENCLOSURES INC. | $14 \times 12$ PANEL W/SWING-OUT HDWARE | KELE KIT | 1 | \$229.77 | 38\% | \$142.46 |
| A-161206LP | hoffman enclosures inc. | NEMA 12 16x12X06 ENCL | A161206LP | 1 | \$698.67 | 38\% | \$433.18 |
| A-161206LP-P | hoffman enclosures inc. | NEMA 12 16x12X06 ENCL W/PERF | KELE Kit | 1 | \$679.46 | 38\% | \$421.27 |
| A-161208LP | hoffman enclosures inc. | NEMA $1216 \times 12 \times 08$ ENCL | A161208LP | 1 | \$745.47 | 38\% | \$462.19 |
| A-161208LP-P | hoffman enclosures inc. | NEMA 12 16X12X08 ENCL W/PERF | KELE Kit | 1 | \$712.00 | 38\% | \$441.44 |
| A-1614CH | hoffman enclosures inc. | 16x14x6 Enclosure | A1614CH | 1 | \$468.26 | 38\% | \$290.32 |
| A-161606LP | hoffman enclosures inc. | NEMA 12 16x16X06 ENCL | A161606LP | 1 | \$751.80 | 38\% | \$466.12 |
| A-161606LP-P | hoffman enclosures inc. | NEMA 12 16X16X06 ENCL W/PERF | KELE KIT | 1 | \$737.16 | 38\% | \$457.04 |
| A-16H1206SSLP | hoffman enclosures inc. | 16X12X6 NEMA $4 \times 304$ SS ENCL | A16H1206SSLP | 1 | \$2,062.19 | 38\% | \$1,278.56 |
| A-16H1206sSLP-P | hoffman enclosures inc. | $16 \times 12$ SS ENCL W/STEEL SUBPANEL | KELE KIT | 1 | \$2,053.60 | 38\% | \$1,273.23 |
| A-16H1206sSLP-S | hoffman enclosures inc. | $16 \times 12$ SS ENCL W/SS SUBPANEL | KELE KIT | 1 | \$2,164.24 | 38\% | \$1,341.83 |
| A-16H12ALP | hoffman enclosures inc. | 16x12X6 NEMA 4 Enclosure | A16H12ALP | 1 | \$867.89 | 38\% | \$538.09 |
| A-16H12ALP-P | hoffman enclosures inc. | 16X12X6 NEMA 4 ENCLOSURE W/PNL | KELE KIT | 1 | \$897.14 | 38\% | \$556.23 |
| A-16H12BLP | hoffman enclosures inc. | 16×12X8 NEMA 4 Enclosure | A16H12bLP | 1 | \$938.58 | 38\% | \$581.92 |
| A-16H12BLP-P | hoffman enclosures inc. | 16X12X8 NEMA 4 ENCLOSURE W/PNL | KELE KIT | 1 | \$938.94 | 38\% | \$582.14 |
| A-16H1606SSLP | hoffman enclosures inc. | 16x16X6 NEMA $4 \times 304$ SS ENCL | A16H1606SSLP | 1 | \$2,285.13 | 38\% | \$1,416.78 |
| A-16H1606sSLP-P | hoffman enclosures inc. | $16 \times 16$ SS ENCL W/STEEL SUBPANEL | KELE KIT | 1 | \$2,283.80 | 38\% | \$1,415.96 |
| A-16H1606sSLP-S | hoffman enclosures inc. | 16 X 16 SS ENCL W/SS SUBPANEL | KELE KIT | 1 | \$2,417.08 | 38\% | \$1,498.59 |
| A-16H16ALP | hoffman enclosures inc. | 16x16x6 NEMA 4 Enclosure | A16H16ALP | 1 | \$930.91 | 38\% | \$577.16 |
| A-16H16ALP-P | hoffman enclosures inc. | 16x16x6 NEMA 4 ENCLOSURE W/PNL | KELE KIT | 1 | \$976.18 | 38\% | \$605.23 |
| A-16N126 | hoffman enclosures inc. | NEMA $116 \times 12$ X6 ENCLOSURE (SM) | A16N126 | 1 | \$251.26 | 38\% | \$155.78 |
| A-16N126P | hoffman enclosures inc. | ENCL $16 \times 12 \times 6$ W/PERF PANEL | KELE KIT | 1 | \$280.98 | 38\% | \$174.21 |
| A-16N12ALP | hoffman enclosures inc. | NEMA $116 \times 12 \mathrm{X} 6.62$ ENCL. (LG) | A16N12ALP | 1 | \$369.87 | 38\% | \$229.32 |
| A-16N12ALPP | hoffman enclosures inc. | NEMA $116 \times 12 \times 6$ W/PERR PANEL | KELE Kit | 1 | \$382.94 | 38\% | \$237.42 |
| A-16N12BLP | hoffman enclosures inc. | NEMA $116 \times 12 \times 8.62$ ENCLOSURE | A16N12bLP | 1 | \$402.27 | 38\% | \$249.41 |
| A-16N12BLPP | hoffman enclosures inc. | NEMA $116 \times 12 \times 8$ W/PERF PANEL | KELE Kit | 1 | \$414.06 | 38\% | \$256.72 |
| A-61612MP | hoffman enclosures inc. | PANEL FOR $16 \times 12$ NEMA 1(LG) | A16N12MP | 1 | \$34.27 | 38\% | \$21.25 |
| A-16N12P | hoffman enclosures inc. | PANEL FOR $16 \times 12$ NEMA 1(SM) | A16N12P | 1 | \$36.19 | 38\% | \$22.44 |
| A-16N16ALP | hoffman enclosures inc. | NEMA $116 \times 16 \times 6$ 6. 62 ENCLOSURE | A16N16ALP | 1 | \$407.11 | 38\% | \$252.41 |
| A-16N16ALPP | hoffman enclosures inc. | NEMA 1 16x16x6 W/PERF PANEL | KELE KIT | 1 | \$442.04 | 38\% | \$274.06 |
| A-6N16MP | hoffman enclosures inc. | PANEL FOR $16 \times 16$ NEMA 1 | A16N16MP | 1 | \$44.47 | 38\% | \$27.57 |
| A-16N20ALP | hoffman enclosures inc. | NEMA $116 \times 20 \times 6.62$ ENCLOSURE | A16N20alp | 1 | \$449.67 | 38\% | \$278.80 |
| A-16N20ALPP | hoffman enclosures inc. | NEMA $116 \times 20 \times 6$ W/PERP PANEL | KELE Kit | 1 | \$491.46 | 38\% | \$304.71 |
| A-16N20MP | hoffman enclosures inc. | PANEL FOR $16 \times 20$ NEMA 1 | A16N20MP | 1 | \$54.63 | 38\% | \$33.87 |
| A-16P12 | hoffman enclosures inc. | PANEL FOR $16 \times 12$ ENCL | A16P12 | 1 | \$69.65 | 38\% | \$43.18 |
| A-16P12-NADFK | hoffman enclosures inc. | 16x12 PANEL W/SWING-OUT HDWARE | KELE KIT | 1 | \$260.95 | 38\% | \$161.79 |
| A-16P12S56 | hoffman enclosures inc. | $16 \times 12$ Stainless steel subpanel | A16P12SS6 | 1 | \$191.47 | 38\% | \$118.71 |
| A-16P14 | hoffman enclosures inc. | PANEL FOR $16 \times 14$ NEMA 3R | A16P14 | 1 | \$46.13 | 38\% | \$28.60 |
| A-16P16 | hoffman enclosures inc. | PANEL FOR $16 \times 16$ NEMA 3R | ${ }^{\text {A16P16 }}$ | 1 | \$85.74 | 38\% | \$53.16 |
| A-16P16-NadFk | hoffman enclosures inc. | 16x16 PANEL W/SWING-OUT HDWARE | KELE KIT | 1 | \$275.52 | 38\% | \$170.82 |
| A-16P165S6 | hoffman enclosures inc. | $16 \times 16$ STAINLESS STEEL SUBPANEL | A16P16SS6 | 1 | \$232.55 | 38\% | \$144.18 |
| A-16R126HCLO | hoffman enclosures inc. | NEMA 3R 16X12X6 ENClosure | A16R126HCLO | 1 | \$254.39 | 38\% | \$157.72 |
| A-16R126HCLOP | hoffman enclosures inc. | NEMA 3R 16X12X6 W/ Perf Panel | KELE KIT | 1 | \$296.60 | 38\% | \$183.89 |
| A-16R166HCLO | hoffman enclosures inc. | NEMA 3R 16x16x6 Enclosure | A16R166HCLO | 1 | \$318.40 | 38\% | \$197.41 |
| A-16R166HCLOP | hoffman enclosures inc. | NEMA 3R 16x16x6 W/PERF PANEL | KELE KIT | 1 | \$382.07 | 38\% | \$236.88 |
| A-201606LP | hoffman enclosures inc. | NEMA 12 20x16x06 ENCL | A201606LP | 1 | \$795.80 | 38\% | \$493.40 |
| A-201606LP-P | hoffman enclosures inc. | NEMA 12 20x16x06 ENCL W/PERF | KELE KIT | 1 | \$807.72 | 38\% | \$500.79 |
| A-201608LP | hoffman enclosures inc. | NEMA $1220 \times 16 \times 08$ ENCL | A201608LP | 1 | \$850.62 | 38\% | \$527.38 |
| A-201608LP-P | hoffman enclosures inc. | NEMA 12 20x16x08 ENCL W/PERF | KELE KIT | 1 | \$849.79 | 38\% | \$526.87 |
| A-2016AT1PP | hoffman enclosures inc. | $20 \times 16 \times 6.62$ TYPE 1 Control box with Perf Panel | A2016AT1PP | 1 | \$510.77 | 38\% | \$316.68 |
| A-202006LP | hoffman enclosures inc. | NEMA $1220 \times 20 \times 06$ ENCL | A202006LP | 1 | \$884.18 | 38\% | \$548.19 |
| A-202006LP-P | hoffman enclosures inc. | NEMA 12 20x20x06 ENCL W/PERF | KELE Kit | 1 | \$877.61 | 38\% | \$544.12 |
| A-202008LP | hoffman enclosures inc. | NEMA 12 20X20X8 ENCLOSURE | A202008LP | 1 | \$933.86 | 38\% | \$578.99 |
| A-202008L-P | hoffman enclosures inc. | NEMA 12 20X20x8 ENCLOSURE W/PERF | KELE Kit | 1 | \$923.74 | 38\% | \$572.72 |
| A-202408LP | hoffman enclosures inc. | NEMA 12 20x24x08 ENCLOSURE | A202408LP | 1 | \$979.89 | 38\% | \$607.53 |
| A-20H16065SLP | hoffman enclosures inc. | $20 \times 16 \times 6$ NEMA $4 \times 304$ SS ENCL | A20H1606SSLP | 1 | \$2,487.13 | 38\% | \$1,542.02 |
| A-20H16065SLP-P | hoffman enclosures inc. | $20 \times 16$ SS ENCL W/STEEL SUBPANEL | KELE KIT | 1 | \$2,517.09 | 38\% | \$1,560.60 |
| A-20H1606SSLP-S | hoffman enclosures inc. | $20 x 16$ SS ENCL W/SS SUBPANEL | KELE KIT | 1 | \$2,680.06 | 38\% | \$1,661.64 |
| A-20H16ALP | hoffman enclosures inc. | $20 \times 16 \times 6$ Nema 4 Enclosure | A20H16ALP | 1 | \$987.71 | 38\% | \$612.38 |
| A-20H16ALP-P | hoffman enclosures inc. | 20X16x6 NEMA 4 ENCLOSURE W/PNL | KELE KIT | 1 | \$1,054.70 | 38\% | \$653.91 |
| A-20H16ELP | hoffman enclosures inc. | $20 \times 16 \times 8$ NEMA 4 Enclosure | A20H16BLP | 1 | \$1,052.07 | 38\% | \$652.28 |
| A-20H16BLP-P | hoffman enclosures inc. | $20 \times 16 \times 8$ NEMA 4 ENCLOSURE W/PNL | KELE KIT | 1 | \$1,107.60 | 38\% | \$686.71 |
| A-20H20065SLP | hoffman enclosures inc. | 20X20X6 NEMA $4 \times 304$ SS ENCL | A20H2006SSLP | 1 | \$2,772.80 | 38\% | \$1,719.14 |
| A-20H20065SLP-P | hoffman enclosures inc. | $20 \times 20$ SS ENCL W/STEEL SUBPANEL | KELE KIT | 1 | \$2,789.09 | 38\% | \$1,729.24 |
| A-20H20065SLP-S | hoffman enclosures inc. | $20 \times 20$ SS ENCL W/SS SUBPANEL | KELE KIT | 1 | \$3,007.45 | 38\% | \$1,864.62 |
| A-20H20ALP | hoffman enclosures inc. | 20x20x6 NEMA 4 Enclosure | A20H20ALP | 1 | \$1,065.59 | 38\% | \$660.67 |
| A-20H20ALP-P | hoffman enclosures inc. | 20X20X6 NEMA 4 ENCLOSURE W/PNL | KELE KIT | 1 | \$1,149.52 | 38\% | \$712.70 |
| A-20-H20BLP | hoffman enclosures inc. | $20 \times 20 \times 8$ NEMA 4 ENCLOSURE | A20H20bLP | 1 | \$1,137.19 | 38\% | \$705.06 |
| A-20H20BLP-P | hoffman enclosures inc. | $20 \times 20 \times 8$ NEMA 4 ENCLOSURE W/PNL | KELE KIT | 1 | \$1,208.81 | 38\% | \$749.46 |
| A-20N126 | hoffman enclosures inc. | ENCL 20x12X6 | A20N126 | 1 | \$303.31 | 38\% | \$188.05 |
| A-20N126P | hoffman enclosures inc. | ENCL 20x12X6 W/PERF PANEL | KELE KIT | 1 | \$336.06 | 38\% | \$208.36 |
| A-20N12P | hoffman enclosures inc. | PANEL FOR $20 \times 12$ NEMA 1 | A20N12P | 1 | \$44.32 | 38\% | \$27.48 |
| A-20N16ALP | hoffman enclosures inc. | NEMA $120 \times 16 \times 6.62$ ENCLOSURE | A20N16ALP | 1 | \$445.12 | 38\% | \$275.97 |
| A-20N16ALPP | hoffman enclosures inc. | NEMA $120 \times 16 \times 6.62$ ENCLOSURE | KELE KIT | 1 | \$492.33 | 38\% | \$305.24 |
| A-20N16BLP | hoffman enclosures inc. | NEMA $120 \times 16 \times 8.62$ Enclosure | A20N16BLP | 1 | \$492.05 | 38\% | \$305.07 |
| A-20N16BLPP | hoffman enclosures inc. | NEMA $120 \times 16 \times 8$ W/PERR PANEL | KELE Kit | 1 | \$533.81 | 38\% | \$330.96 |
| A-20N16MP | hoffman enclosures inc. | PANEL FOR $20 \times 16$ NEMA 1 | A20116MP | 1 | \$54.63 | 38\% | \$33.87 |
| A-20N20ALP | hoffman enclosures inc. | NEMA 1 20X20X6.62 ENCLOSURE | A20N20ALP | 1 | \$477.35 | 38\% | \$295.96 |
| A-20N20ALPP | hoffman enclosures inc. | NEMA $120 \times 20 \times 6$ W/PERR PANEL | KELE KIT | 1 | \$545.78 | 38\% | \$338.38 |
| A-20N20BLP | hoffman enclosures inc. | NEMA $120 \times 20 \times 8.62$ ENCLOSURE | A20N20bLP | 1 | \$540.29 | 38\% | \$334.98 |
| A-20N20BLPP | hoffman enclosures inc. | NEMA $120 \times 20 \times 8$ W/PERP PANEL | KELE Kit | 1 | \$590.86 | 38\% | \$366.33 |
| A-20N20MP | hoffman enclosures inc. | PANEL FOR $20 \times 20$ NEMA 1 | A20N20MP | 1 | \$74.14 | 38\% | \$45.97 |
| A-20P16 | hoffman enclosures inc. | PANEL FOR 20X16 NEMA 3R | A20P16 | 1 | \$101.00 | 38\% | \$62.62 |
| A-20P16-NADFK | hoffman enclosures inc. | $20 \times 16$ PANEL W/SWING-OUT HDWARE | KELE Kit | 1 | \$290.01 | 38\% | \$179.81 |
| A-20P16556 | hoffman enclosures inc. | $20 \times 16$ STAINLESS STEEL SUBPANEL | A20P16556 | 1 | \$276.77 | 38\% | \$171.60 |
| A-20P20 | hoffman enclosures inc. | PANEL FOR $20 \times 20$ Enclosure | A20P20 | 1 | \$121.99 | 38\% | \$75.63 |
| A-20P20-NADFK | hoffman enclosures inc. | $20 \times 20$ PaneL w/Swing-out howare | KELE Kit | 1 | \$309.17 | 38\% | \$191.69 |
| A-20P20556 | hoffman enclosures inc. | $20 \times 20$ STAINLESS Steel subpanel | A20P20S56 | 1 | \$357.70 | 38\% | \$221.77 |
| A-20R166HCLO | hoffman enclosures inc. | NEMA 3R 20X16x6 Enclosure | A20R166HCLO | 1 | \$356.60 | 38\% | \$221.09 |
| A-20R166HCLOP | hoffman enclosures inc. | NEMA 3R $20 \times 16 \mathrm{X} 6$ W/PERF PANEL | KELE Kit | 1 | \$430.64 | 38\% | \$267.00 |
| A-20R208HCLO | hoffman enclosures inc. | 20x20x8 Enclosure | A20R208HCLO | 1 | \$458.55 | 38\% | \$284.30 |
| A-20R208HCLOP | hoffman enclosures inc. | NEMA 3R 20x20x8 W/PERE PANEL | KELE Kit | 1 | \$529.29 | 38\% | \$328.16 |
| A-241206LP | hoffman enclosures inc. | NEMA 12 24x12266 ENCL | A241206LP | 1 | \$822.39 | 38\% | \$509.88 |
| A-241606LP | hoffman enclosures inc. | NEMA 12 24x16x6 ENCL | A241606LP | 1 | \$900.20 | 38\% | \$558.12 |
| A-241606LP-P | hoffman enclosures inc. | NEMA 12 24x1666 ENCL W/PERF | KELE KIT | 1 | \$890.18 | 38\% | \$551.91 |
| A-241608LP | hoffman enclosures inc. | NEMA 12 24x16x08 ENCL | A241608LP | 1 | \$924.00 | 38\% | \$572.88 |
| A-241608L-P | hoffman enclosures inc. | NEMA 12 24x16x08 ENCL W/PERF | KELE KIT | 1 | \$912.15 | 38\% | \$565.53 |
| A-242006LP | hoffman enclosures inc. | NEMA $1224 \times 20 \times 06$ Encl | A242006LP | 1 | \$948.78 | 38\% | \$588.24 |
| A-242006LP-P | hoffman enclosures inc. | NEMA 12 24x20x06 ENCL W/PERF | KELE KIT | 1 | \$947.48 | 38\% | \$587.44 |
| A-242008LP | hoffman enclosures inc. | NEMA $1224 \times 20 \times 08$ ENCL | A242008LP | 1 | \$994.62 | 38\% | \$616.66 |
| A-242008L-P | hoffman enclosures inc. | NEMA 12 24420x08 ENCL W/PERF | KELE Kit | 1 | \$998.42 | 38\% | \$619.02 |
| A-2420AT1PP | hoffman enclosures inc. | $24 \times 20 \times 6.62$ TYPE 1 Control box with Perr panel | A2420atipp | 1 | \$524.37 | 38\% | \$325.11 |
| A-242406LP | hoffman enclosures inc. | NEMA $1224 \times 24 \times 06$ | A242406LP | 1 | \$988.04 | 38\% | \$612.58 |
| A-242406LP-P | hoffman enclosures inc. | NEMA 12 24x24X06 W/PERF | KELE KIT | 1 | \$1,029.38 | 38\% | \$638.22 |
| A-242408LP | hoffman enclosures inc. | NEMA $1224 \times 24 \times 08$ ENCL | A242408LP | 1 | \$1,045.46 | 38\% | \$648.19 |

The scope of this contract includes the following
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted Instledl Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integra
products by the authorized user. products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenace of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, owers, water fountains, water heaters hot water tanks, garbage disposa
2. General Ductwork, Piping, etc. shall not be obtained on these contracts. Chillers,
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' $\mathbf{l}$ location in the event of a fire or emergency.

| Moodel Number | Mantracurer | Proctuct Desariplion | Product Code | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54" | List Pice | \% Discoum | Nrs Nel Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A-242408LP-P | HOFFMAN ENCLOSURES INC. | NEMA 12 24X24x08 ENCL W/PERF | KELE KIT | 1 | \$1,084.49 | 38\% | \$672.38 |
| A-242412LP | hoffman enclosures inc. | 24inX24inX12in NEMA 12 Enclosure | A242412LP | 1 | \$1,191.17 | 38\% | \$738.53 |
| A-242412LP-P | hoffman enclosures inc. | 24inX24inX12in NEMA 12 ENCLOSURE W/PERF | KELE KIT | 1 | \$1,194.68 | 38\% | \$740.70 |
| A-24H1608SSLP | hoffman enclosures inc. | $24 \times 16 \times 8$ NEMA $4 \times 304$ SS ENCL | A24H1608SSLP | 1 | \$2,936.89 | 38\% | \$1,820.87 |
| A-24H1608SSLP-P | hoffman enclosures inc. | $24 \times 16$ SS ENCL W/STEEL SUBPANEL | KELE KIT | 1 | \$2,943.13 | 38\% | \$1,824.74 |
| A-24H1608SSLP-S | hoffman enclosures inc. | 24 X 16 SS ENCL W/SS SUBPANEL | KELE KIT | 1 | \$3,152.90 | 38\% | \$1,954.80 |
| A-24H2006SSLP | hoffman enclosures inc. | $24 \times 20 \times 6$ NEMA $4 \times 304$ SS ENCL | A24H2006SSLP | 1 | \$3,035.99 | 38\% | \$1,882.31 |
| A-24H2006SSLP-P | hoffman enclosures inc. | $24 \times 20$ SS ENCL W/STEEL SUBPANEL | KELE KIT | 1 | \$3,074.42 | 38\% | \$1,906.14 |
| A-24H2006SSLP-S | hoffman enclosures inc. | $24 \times 20$ SS ENCL W/SS SUBPANEL | KELE KIT | 1 | \$3,330.33 | 38\% | \$2,064.80 |
| A-24H2008SSLP | hoffman enclosures inc. | $24 \times 20 \times 8$ NEMA $4 \times 304$ SS ENCL | A24H2008SSLP | 1 | \$3,265.11 | 38\% | \$2,024.37 |
| A-24H2008SSLP-P | hoffman enclosures inc. | 24420 SS Encl w/STEEL SUBPANEL | KELE Kit | 1 | \$3,296.37 | 38\% | \$2,043.75 |
| A-24H2008SSLP-S | hoffman enclosures inc. | $24 \times 20$ SS ENCL W/SS SUBPANEL | KELE KIT | 1 | \$3,552.29 | 38\% | \$2,202.42 |
| A-24H20aLP | hoffman enclosures inc. | $24 \times 20 \times 6$ NEMA 4 Enclosure | A24H20aLP | 1 | \$1,168.61 | 38\% | \$724.54 |
| A-24H20ALP-P | hoffman enclosures inc. | 24X2006 NEMA 4 ENCLOSURE W/PNL | KELE KIT | 1 | \$1,290.87 | 38\% | \$800.34 |
| A-24H20BLP | hoffman enclosures inc. | $24 \times 20 \times 8$ Nema 4 Enclosure | A24H20bLP | 1 | \$1,221.17 | 38\% | \$757.13 |
| A-24H20BLP-P | hoffman enclosures inc. | $24 \times 2008$ NEMA 4 ENCLOSURE W/PNL | KELE KIT | 1 | \$1,322.40 | 38\% | \$819.89 |
| A-24H2408SSLP | hoffman enclosures inc. | $24 \times 24 \times 8$ NEMA $4 \times 304$ SS ENCL | A24H248SSLP | 1 | \$3,530.10 | 38\% | \$2,188.66 |
| A-24H24085SLP-P | hoffman enclosures inc. | $24 \times 24$ SS ENCL W/STEEL SUBPANEL | KELE KIT | 1 | \$3,631.13 | 38\% | \$2,251.30 |
| A-24H2408SSLP-S | hoffman enclosures inc. | $24 \times 24$ SS ENCL W/SS SUBPANEL | KELE KIT | 1 | \$3,931.31 | 38\% | \$2,437.41 |
| A-24H24ALP | hoffman enclosures inc. | $24 \times 24 \times 6$ NEMA 4 Enclosure | A24H24ALP | 1 | \$1,268.91 | 38\% | \$786.72 |
| A-24H24ALP-P | hoffman enclosures inc. | $24 \times 24 \times 6$ NEMA 4 ENCLOSURE W/PNL | KELE KIT | 1 | \$1,401.63 | 38\% | \$869.01 |
| A-24H24BLP | hoffman enclosures inc. | $24 \times 2488$ Nema 4 Enclosure | A24H24BLP | 1 | \$1,305.48 | 38\% | \$809.40 |
| A-24H24BLP-P | hoffman enclosures inc. | $24 \times 24 \times 8$ NEMA 4 ENCLOSURE W/PNL | KELE KIT | 1 | \$1,437.34 | 38\% | \$891.15 |
| A-24N16ALP | hoffman enclosures inc. | NEMA $124 \times 16 \times 6.62$ ENCLOSURE | A24N16ALP | 1 | \$490.38 | 38\% | \$304.04 |
| A-24N16ALPP | hoffman enclosures inc. | NEMA $124 \times 16 \times 6$ W/PERF PANEL | KELE Kit | 1 | \$540.70 | 38\% | \$335.23 |
| A-24N16MP | hoffman enclosures inc. | PANEL FOR $24 \times 16$ NEMA 1 | A24N16MP | 1 | \$67.22 | 38\% | \$41.68 |
| A-24N20ALP | hoffman enclosures inc. | NEMA $124 \times 20 \times 6.62$ ENCLOSURE | A24N20ALP | 1 | \$540.39 | 38\% | \$335.04 |
| A-24N20ALPP | hoffman enclosures inc. | NEMA $124 \times 20 \times 6$ W/PERFP PANEL | KELE KIT | 1 | \$607.68 | 38\% | \$376.76 |
| A-24N20BLP | hoffman enclosures inc. | NEMA $124 \times 20 \times 8.62$ | A24N20bLP | 1 | \$597.46 | 38\% | \$370.43 |
| A-24N20BLPP | hoffman enclosures inc. | NEMA $124 \times 20 \times 8$ W/PERR PANEL | KELE Kit | 1 | \$657.96 | 38\% | \$407.94 |
| A-24N20CLP | hoffman enclosures inc. | $24 \times 20 \times 10.62$ MEDIUM TYPE 1 ENCL | A24N20CLP | 1 | \$649.09 | 38\% | \$402.44 |
| A-24N20CLPP | hoffman enclosures inc. | NEMA $124 \times 20 \times 10$ W/PERF PANEL | KELE KIT | 1 | \$788.25 | 38\% | \$439.12 |
| A-24N20MP | hoffman enclosures inc. | PANEL FOR $24 \times 20$ NEMA 1 | A24N20MP | 1 | \$83.79 | 38\% | \$51.95 |
| A-24N2412LP | hoffman enclosures inc. | TYPE 1 ENCLOSURE $24 \times 24 \times 12.625$ | A24N2412LP | 1 | \$796.66 | 38\% | \$493.93 |
| A-24N2412LP-P | hoffman enclosures inc. | TYPE 1 ENCLOSURE $24 \times 24 \times 12.625 \mathrm{~W}$ /PERF | KELE KIT | 1 | \$856.87 | 38\% | \$531.26 |
| A-24N24ALP | hoffman enclosures inc. | NEMA $124 \times 24 \times 6.62$ ENCLOSURE | A24N24ALP | 1 | \$535.11 | 38\% | \$331.77 |
| A-24N24ALPP | hoffman enclosures inc. | NEMA $124 \times 24 \times 6$ W/PERP PANEL | KELE KIT | 1 | \$628.01 | 38\% | \$389.37 |
| A-24N24BLP | hoffman enclosures inc. | NEMA $124 \times 24 \times 8.62$ ENCLOSURE | A24N24BLP | 1 | \$589.40 | 38\% | \$365.43 |
| A-24N24BLPP | hoffman enclosures inc. | NEMA $124 \times 24 \times 8$ W/PERR PANEL | KELE KIT | 1 | \$682.70 | 38\% | \$423.27 |
| A-24N24DLP | hoffman enclosures inc. | ENCLOSURE 24×24X12.62 | A24N24DLP | 1 | \$721.13 | 38\% | \$447.10 |
| A-24N24DLPP | hoffman enclosures inc. | NEMA $124 \times 24 \times 12$ W/PERF PANEL | KELE KIT | 1 | \$791.18 | 38\% | \$490.53 |
| A-24N24MP | hoffman enclosures inc. | PANEL FOR $24 \times 24$ NEMA 1 | A24N24MP | 1 | \$149.92 | 38\% | \$92.95 |
| A-24P16 | hoffman enclosures inc. | PANEL FOR $24 \times 16$ Encl | A24P16 | 1 | \$117.32 | 38\% | \$72.74 |
| A-24P165S6 | hoffman enclosures inc. | $24 \times 16$ STAINLESS STEEL SUbPANEL | A2416556 | 1 | \$343.84 | 38\% | \$213.18 |
| A-24P20 | hoffman enclosures inc. | PANEL FOR $24 \times 20$ NEMA 3R | A24P20 | 1 | \$154.18 | 38\% | \$95.59 |
| A-24P20-NadFk | hoffman enclosures inc. | $24 \times 20$ PANEL W/SWING-OUT HDWARE | KELE KIT | 1 | \$325.50 | 38\% | \$201.81 |
| A-24P20556 | hoffman enclosures inc. | $24 \times 20$ Stainless Steel subpanel | A24P20S56 | 1 | \$434.03 | 38\% | \$269.10 |
| A-24P24 | hoffman enclosures inc. | PANEL FOR $24 \times 24$ NEMA 3R | A24P24 | 1 | \$174.18 | 38\% | \$107.99 |
| A-24P24-NADFK | hoffman enclosures inc. | $24 \times 24$ PANEL W/SWING-OUT HDWARE | KELE KIT | 1 | \$345.88 | 38\% | \$214.45 |
| A-24P24556 | hoffman enclosures inc. | $24 \times 16$ STAINLESS Steel subpanel | A24P24S56 | 1 | \$497.15 | 38\% | \$308.23 |
| A-24R208HCLO | hoffman enclosures inc. | 24X20X8 3R ENCL/LIF-OfF HNG | A24R208HCLO | 1 | \$496.68 | 38\% | \$307.94 |
| A-24R208HCLOP | hoffman enclosures inc. | NEMA 3R $24 \times 20 \times 8$ W/PERF PANEL | KELE KIT | 1 | \$565.51 | 38\% | \$350.62 |
| A-24R248HCLO | hoffman enclosures inc. | NEMA $3 \mathrm{R} 24 \times 24 \times 8$ ENCLOSURE | A24R248HCLO | 1 | \$581.83 | 38\% | \$360.73 |
| A-24R248HCLOP | hoffman enclosures inc. | NEMA 3R 24x24x8 W/PERF PANEL | KELE KIT | 1 | \$667.56 | 38\% | \$413.89 |
| A-24R248HCR | hoffman enclosures inc. | 24×24x8 NEMA 3R HINGE COVER | A24R248HCR | 1 | \$798.28 | 38\% | \$494.93 |
| A-302406LP | hoffman enclosures inc. | NEMA 12 30x24x06 ENCL | A302406LP | 1 | \$1,140.10 | 38\% | \$706.86 |
| A-302406LP-P | hoffman enclosures inc. | NEMA 12 30X24x06 ENCL W/PERF | KELE KIT | 1 | \$1,181.60 | 38\% | \$732.59 |
| A-302408LP | hoffman enclosures inc. | NEMA $1230 \times 24 \times 08$ ENCL | A302408LP | 1 | \$1,151.46 | 38\% | \$713.91 |
| A-302408L-P | hoffman enclosures inc. | NEMA $1230 \times 24 \times 08$ ENCL W/PERF | KELE Kit | 1 | \$1,213.31 | 38\% | \$752.25 |
| A-303008LP | hoffman enclosures inc. | EncL $30 \times 30 \times 8$ | A303008LP | 1 | \$1,331.96 | 38\% | \$825.82 |
| A-303008L-P-p | hoffman enclosures inc. | ENCL 30x30x8 W/PERF | KELE KIT | 1 | \$1,368.73 | 38\% | \$888.61 |
| A-30H24085SLP | hoffman enclosures inc. | $30 \times 24 \times 8$ NEMA $4 \times 304$ SS ENCL | A30H2408SSLP | 1 | \$4,079.43 | 38\% | \$2,529.25 |
| A-30H2408SLLP-P | hoffman enclosures inc. | $30 \times 24$ SS ENCL W/STEEL SUBPANEL | KELE KIT | 1 | \$4,139.62 | 38\% | \$2,566.56 |
| A-30H2408SSLP-S | hoffman enclosures inc. | $30 \times 24$ SS ENCL W/SS SUBPANEL | KELE KIT | 1 | \$4,502.13 | 38\% | \$2,791.32 |
| A-30H24ALP | hoffman enclosures inc. | $30 \times 24 \times 6$ NEMA 4 Enclosure | A30H24ALP | 1 | \$1,390.37 | 38\% | \$862.03 |
| A-30H24ALP-P | hoffman enclosures inc. | 30X24×6 NEMA 4 ENCLOSURE W/PNL | KELE Kit | 1 | \$1,571.86 | 38\% | \$974.55 |
| A-30-H24BLP | hoffman enclosures inc. | $30 \times 2488$ NEMA 4 ENCLOSURE | A30H24BLP | 1 | \$1,438.71 | 38\% | \$892.00 |
| A-30H24BLP-P | hoffman enclosures inc. | 30X24×8 NEMA 4 ENCLOSURE W/PNL | KELE KIT | 1 | \$1,612.57 | 38\% | \$999.79 |
| A-30H30085SLP | hoffman enclosures inc. | $30 \times 30 \times 8$ NEMA $4 \times 304$ SS ENCL | A30H3008SSLP | 1 | \$4,646.05 | 38\% | \$2,880.55 |
| A-30H3008SLLP-P | hoffman enclosures inc. | $30 \times 30$ SS ENCL W/STEEL SUBPANEL | KELE KIT | 1 | \$4,768.76 | 38\% | \$2,956.63 |
| A-30Н3008SSLP-S | hoffman enclosures inc. | $30 \times 30$ SS ENCL W/SS SUBPANEL | KELE Kit | 1 | \$5,225.48 | 38\% | \$3,239.80 |
| A-30Н30вLP | hoffman enclosures inc. | $30 \times 30 \times 8$ STEEL NEMA 4 Wall mount enclosure | АЗОНЗОВLP | 1 | \$1,638.91 | 38\% | \$1,016.12 |
| A-30N248LP | hoffman enclosures inc. | TYPE 1 ENCL. $30 \times 24 \times 8.625$ | A30N248LP | 1 | \$749.19 | 38\% | \$464.50 |
| A-30N24ALP | hoffman enclosures inc. | NEMA $124 \times 30 \times 6$ Enclosure | A30N24ALP | 1 | \$594.29 | 38\% | \$368.46 |
| A-30N24ALPP | hoffman enclosures inc. | NEMA $130 \times 24 \times 6$ W/PERF PANEL | KELE KIT | 1 | \$704.66 | 38\% | \$436.89 |
| A-30N24BLP | hoffman enclosures inc. | ENCL 30x24x8.62 | A30N24BLP | 1 | \$655.37 | 38\% | \$406.33 |
| A-30N24BLPP | hoffman enclosures inc. | NEMA $130 \times 24 \times 8$ W/PERF PANEL | KELE KIT | 1 | \$766.34 | 38\% | \$475.13 |
| A-30N24DLP | hoffman enclosures inc. | ENCLOSURE 30X24×12.62 | A30N24DLP | 1 | \$804.43 | 38\% | \$498.75 |
| A-30N24DLPP | hoffman enclosures inc. | NEMA $130 \times 24 \times 12$ W/PERF PANEL | KELE Kit | 1 | \$889.50 | 38\% | \$551.49 |
| A-30N24MP | hoffman enclosures inc. | PANEL FOR 30inX24in NEMA 1 | A30N24MP | 1 | \$198.52 | 38\% | \$123.08 |
| A-30N30BLP | hoffman enclosures inc. | ENCL $30 \times 30 \times 8.62$ | A30N30bLP | 1 | \$763.20 | 38\% | \$473.18 |
| A-30N30BLPP | hoffman enclosures inc. | NEMA $130 \times 30 \times 8$ W/PERF PANEL | KELE KIT | 1 | \$880.18 | 38\% | \$545.71 |
| A-30N30MP | hoffman enclosures inc. | PANEL FOR $30 \times 30$ NEMA 1 | A30N30MP | 1 | \$241.79 | 38\% | \$149.91 |
| A-30P24 | hoffman enclosures inc. | PANEL FOR 30X24 NEMA 3R | A30P24 | 1 | \$208.85 | 38\% | \$129.49 |
| A-30P24-NADFK | hoffman enclosures inc. | $30 \times 24$ PANEL W/SWING-OUT HDWARE | KELE KIT | 1 | \$398.42 | 38\% | \$247.02 |
| A-30P24556 | hoffman enclosures inc. | $30 \times 24$ STAINLESS Steel subpanel | A30P24S56 | 1 | \$601.37 | 38\% | \$372.85 |
| A-30P30 | hoffman enclosures inc. | PANEL FOR $30 \times 30$ ENCL | A30Р30 | 1 | \$305.20 | 38\% | \$189.22 |
| A-30305S6 | hoffman enclosures inc. | $30 \times 30$ STAINLESS STEEL SUbPANEL | A30P305S6 | 1 | \$789.13 | 38\% | \$489.26 |
| A-30R248HCLO | hoffman enclosures inc. | NEMA 3 B 30X24x8 ENCLOSURE | A30R248HCLO | 1 | \$679.91 | 38\% | \$421.54 |
| A-30R248HCLOP | hoffman enclosures inc. | NEMA 3R 30x24x8 W/PERF PANEL | KELE Kit | 1 | \$775.34 | 38\% | \$480.71 |
| A-362406LP | hoffman enclosures inc. | NEMA $1236 \times 24 \times 06$ ENCL | A362406LP | 1 | \$1,238.68 | 38\% | \$767.98 |
| A-362406LP-P | hoffman enclosures inc. | NEMA 12 36x24x06 ENCL W/PERF | KELE KIT | 1 | \$1,307.00 | 38\% | \$810.34 |
| A-362408LP | hoffman enclosures inc. | NEMA $1236 \times 24 \times 08$ ENCL | A362408LP | 1 | \$1,266.10 | 38\% | \$784.98 |
| A-362408L-P | hoffman enclosures inc. | NEMA 12 36x24x08 ENCL W/PERF | KELE KIT | 1 | \$1,342.58 | 38\% | \$832.40 |
| A-363006LP | hoffman enclosures inc. | 36inX30inX6in NEMA 12 ENCLOSURE | A363006LP | 1 | \$1,383.15 | 38\% | \$857.55 |
| A-363006LP-P | hoffman enclosures inc. | 36inX30inX6in NEMA 12 ENCLOSURE W/PERF | KELE Kit | 1 | \$1,440.87 | 38\% | \$893.34 |
| A-363008LP | hoffman enclosures inc. | NEMA $1236 \times 30 \times 08$ ENCLOSURE | A363008LP | 1 | \$1,392.72 | 38\% | \$863.49 |
| A-363008LP-P | hoffman enclosures inc. | NEMA $1236 \times 30 \times 08$ ENCLOSURE W/PERF | KELE KIT | 1 | \$1,484.41 | 38\% | \$920.33 |
| A-363010LP | hoffman enclosures inc. | $36 \times 30 \times 10$ Enclosure | A363010LP | 1 | \$1,553.25 | 38\% | \$963.02 |
| A-363010LP-P | hoffman enclosures inc. | 36x30x10 ENCLOSURE W/PERF | KELE Kit | 1 | \$1,599.61 | 38\% | \$991.76 |
| A-363608LP | hoffman enclosures inc. | 36inx36inX8in NEMA 12 ENCLOSURE | A363608LP | 1 | \$1,635.74 | 38\% | \$1,014.16 |
| A-36H2408SSLP | hoffman enclosures inc. | $36 \times 24 \times 8$ NEMA $4 \times 304$ SS ENCL | A36H2408SSLP | 1 | \$4,461.20 | 38\% | \$2,765.94 |
| A-36H2408SLLP-P | hoffman enclosures inc. | $36 \times 24$ SS ENCL W/STEEL SUBPANEL | KELE KIT | 1 | \$4,642.88 | 38\% | \$2,878.59 |
| A-36H2408SLLP-S | hoffman enclosures inc. | 36624 SS ENCL W/SS SUBPANEL | KELE KIT | 1 | \$5,113.28 | 38\% | \$3,170.23 |
| A-36H24ALP | hoffman enclosures inc. | $36 \times 24 \times 6$ NEMA 4 ENCLOSURE | A36H24ALP | 1 | \$1,528.41 | 38\% | \$947.61 |

The scope of this contract includes the following
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. . BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated
Microprocessor-Controled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems. Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
. Itegrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mout HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integra
products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned istallation, systems integration, or maintenace of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used.
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' $\mathbf{l}$ location in the event of a fire or emergency.

| Number | Wanutacturer | Product Descripition | Product Code | tance as required by Appendix B, |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | List Price | \% Discount | NYS Nat Pice |
| A-36H24ALP-P | HOFFMAN ENCLOSURES INC. | 36X24X6 NEMA 4 ENCLOSURE W/PNL | KELE KIT | 1 | \$1,664.02 | 38\% | \$1,031.69 |
| A-36H24BLP | hoffman enclosures inc. | $36 \times 24 \times 8$ NEMA 4 ENCLOSURE | A36H24BLP | 1 | \$1,574.71 | 38\% | \$976.32 |
| A-36H24BLP-P | hofmman enclosures inc. | $36624 \times 8$ NEMA 4 ENCLOSURE WPPNL | KELE KIT | 1 | \$1,706.89 | 38\% | \$1,058.27 |
| A-36H3008SLP | hoffman enclosures inc. | 36x30x8 NEMA $4 \times 304$ SS ENCL | A36H3008SLLP | 1 | \$5,228.15 | 38\% | \$3,241.45 |
| A-36H3008SLLP-P | hoffman enclosures inc. | $36 \times 30$ SS ENCL W/STEEL SUBPANEL | KELE KIT | 1 | \$5,367.86 | 38\% | \$3,388.07 |
| A-36H3008SLLP-S | hoffman enclosures inc. | $36 \times 30$ SS ENCL W/SS SUBPANEL | KELE KIT | 1 | \$5,928.53 | 38\% | \$3,675.69 |
| A-36Н30вLP | hoffman enclosures inc. | $36 \times 30 \times 8$ NEMA 4 Enclosure | A36Н30вLP | 1 | \$1,794.48 | 38\% | \$1,112.58 |
| A-36H30BLP-P | hoffman enclosures inc. | 36X30X8 NEMA 4 ENCLOSURE W/PNL | kELE KIT | 1 | \$1,968.76 | 38\% | \$1,220.63 |
| A-36N24ALP | hofmman enclosures inc. | NEMA $136 \times 24 \times 6.62$ ENCLOSURE | A36N24ALP | 1 | \$691.55 | 38\% | \$428.76 |
| A-36N24ALPP | hoffman enclosures inc. | NEMA $136 \times 24 \times 6$ W/PERFP PANEL | kELE KIT | 1 | \$783.86 | 38\% | \$485.99 |
| A-36N24BLP | hoffman enclosures inc. | ENCL $36 \times 24 \times 8.62$ | A36N24ELP | 1 | \$785.04 | 38\% | \$486.72 |
| A-36N248LPP | hoffman enclosures inc. | NEMA $136 \times 24 \times 8$ W/PERF PANEL | KELE Kit | 1 | \$848.35 | 38\% | \$525.98 |
| A-36N24MP | hoffman enclosures inc. | PANEL FOR $36 \times 24$ NEMA 1 | A36N24MP | 1 | \$207.49 | 38\% | \$128.64 |
| A-36N30ALP | hoffman enclosures inc. | NEMA $136 \times 30 \times 6.62$ Enclosure | A36N30ALP | 1 | \$775.25 | 38\% | \$480.66 |
| A-36N30ALPP | hoffman enclosures inc. | NEMA $136 \times 30 \times 6$ W/PERF PANEL | KELE KIT | 1 | \$874.18 | 38\% | \$541.99 |
| A-36N30bLP | hoffman enclosures inc. | ENCL $36 \times 30 \times 8.62$ | A36N30bLP | 1 | \$851.31 | 38\% | \$527.81 |
| A-36N30BLPP | hoffman enclosures inc. | NEMA $136 \times 30 \times 8$ W/PERF PANEL | kELE KIT | 1 | \$945.56 | 38\% | \$586.25 |
| A-36N30DLP | hofmman enclosures inc. | 36x30x12.62 ENCLOSURE | A36N30DLP | 1 | \$979.68 | 38\% | \$607.40 |
| A-36N30DLPP | hoffman enclosures inc. | NEMA $136 \times 30 \times 12$ W/PERF PANEL | KELE Kit | 1 | \$1,088.65 | 38\% | \$674.96 |
| A-36N30MP | hoffman enclosures inc. | PANEL FOR $36 \times 30$ NEMA 1 | A36n30Mp | 1 | \$290.18 | 38\% | \$179.91 |
| A-36P24 | hoffman enclosures inc. | PANEL FOR $36 \times 24$ ENCL | A36P24 | 1 | \$250.28 | 38\% | \$155.17 |
| A-36P24-NADFK | hoffman enclosures inc. | $36 \times 24$ PANEL W/SWING-OUT HDWARE | kELE Kit | 1 | \$416.89 | 38\% | \$258.47 |
| A-36P24S56 | hofmman enclosures inc. | $36 \times 24$ STAINLESS STEEL SUBPANEL | A36P24S56 | 1 | \$758.84 | 38\% | \$470.48 |
| A-36P30 | hofmman enclosures inc. | PANEL FOR 36inX3Oin NEMA 12 ENC. | A36P30 | 1 | \$338.98 | 38\% | \$210.17 |
| A-36P30-NADFK | hoffman enclosures inc. | $36 \times 30$ PANEL W/SWING-OUT HDWARE | kELE KIT | 1 | \$492.74 | 38\% | \$305.50 |
| A-36830556 | hoffman enclosures inc. | $36 \times 30$ STAINLESS STEEL SUBPANEL | A36P305S6 | 1 | \$940.47 | 38\% | \$583.09 |
| A-36P36 | hoffman enclosures inc. | PANEL FOR $36 \times 36$ NEMA 3R | A36P36 | 1 | \$405.45 | 38\% | \$251.38 |
| A-36R2412HCR | hoffman enclosures inc. | $36 \times 24 \times 12$ HINGE COVER Enclosure, TYPE 3R | A36R2412HCR | 1 | \$1,417.68 | 38\% | \$878.96 |
| A-36R3012HCR | hoffman enclosures inc. | $36 \times 30 \times 12$ NEMA 3R HINGE COVER | A36R3012HCR | 1 | \$1,468.42 | 38\% | \$910.42 |
| A-3AXFN | hofmman enclosures inc. | 3 Inch Axial fan | A3AXFN | 1 | \$195.85 | 38\% | \$121.43 |
| A-422408LP | hoffman enclosures inc. | NEMA 12 42224x08 ENCL | A422408LP | 1 | \$1,634.16 | 38\% | \$1,013.18 |
| A-422408L-P | hoffman enclosures inc. | NEMA $1242 \times 24 \times 08$ ENCL W/PERF | KELE KIT | 1 | \$1,663.60 | 38\% | \$1,031.43 |
| A-423608LP | hoffman enclosures inc. | NEMA $1242 \times 36 \times 08$ ENCL | A423608LP | 1 | \$1,851.13 | 38\% | \$1,147.70 |
| A-423608L-P | hoffman enclosures inc. | NEMA $1242 \times 36 \times 08$ ENCL W/PERF | KELE KIT | 1 | \$1,844.26 | 38\% | \$1,143.44 |
| A-42H30вLP | hoffman enclosures inc. | $42 \times 30 \times 8$ NEMA 4 WALL MOUNT ENCLOSURE | A42H30вLP | 1 | \$2,043.83 | 38\% | \$1,267.17 |
| A-42N3009 | hoffman enclosures inc. | NEMA 1 LRG Encl $42 \times 30 \times 09$ | A42N3009 | 1 | \$1,428.42 | 38\% | \$885.62 |
| A-42N3009-P | hofmman enclosures inc. | NEMA 1 LRG ENCL $42 \times 30 \times 09$ W/PERF | KELE KIT | 1 | \$1,534.00 | 38\% | \$951.08 |
| A-42N3013 | hofmman enclosures inc. | NEMA 1 LRG ENCL 42X30X13 | A42N3013 | 1 | \$1,614.65 | 38\% | \$1,001.08 |
| A-42N3013-P | hofmman enclosures inc. | NEMA 1 LRG ENCL $42 \times 30 \times 13$ W/PERF | KELE KIT | 1 | \$1,712.80 | 38\% | \$1,061.94 |
| A-42N3609 | hoffman enclosures inc. | ENCLOSURE 42X36x9 | A42N3609 | 1 | \$1,629.77 | 38\% | \$1,010.46 |
| A-42N3609-P | hoffman enclosures inc. | ENCLOSURE 42X36x9 W/PERF | KELE KIT | 1 | \$1,758.85 | 38\% | \$1,090.49 |
| A-42N3613 | hoffman enclosures inc. | NEMA 1 LRG ENCL 42X36x13 | A42N3613 | 1 | \$1,828.35 | 38\% | \$1,133.58 |
| A-42N3613-P | hoffman enclosures inc. | NEMA 1 LRG Encl $42 \times 36 \times 13$ W/PERF | KELE KIT | 1 | \$1,950.11 | 38\% | \$1,209.07 |
| A-42P24 | hoffman enclosures inc. | PANEL FOR $42 \times 24$ ENCL | A42P24 | 1 | \$297.79 | 38\% | \$184.63 |
| A-42P24-NADFK | hofmman enclosures inc. | $42 \times 24$ PANEL W/SWING-OUT HDWARE | KELE KIT | 1 | \$450.69 | 38\% | \$279.43 |
| A-42P30 | hoffman enclosures inc. | PANEL FOR 42inX30in ENCL | A42P30 | 1 | \$377.70 | 38\% | \$234.17 |
| A-42P36 | hoffman enclosures inc. | PANEL FOR $42 \times 36$ Encl | A42P36 | 1 | \$450.03 | 38\% | \$279.02 |
| A-42P36-NADFK | hoffman enclosures inc. | $42 \times 36$ PANEL W/SWING-OUT HDWARE | kELE KIT | 1 | \$597.49 | 38\% | \$370.44 |
| A-483608LP | hoffman enclosures inc. | NEMA $1248 \times 36 \times 08$ ENCL | A483608LP | 1 | \$1,898.67 | 38\% | \$1,177.18 |
| A-483608LP-P | hoffman enclosures inc. | NEMA $1248 \times 36 \times 08$ ENCL W/PERF | KELE KIT | 1 | \$2,130.07 | 38\% | \$1,320.64 |
| A-483610LP | hoffman enclosures inc. | WALL-MOUNT TYPE 12/13 ENCLOSURE | A883610LP | 1 | \$2,067.99 | 38\% | \$1,282.15 |
| A-483610LP-P | hofmman enclosures inc. | WALL-MOUNT TYPE 12/13 ENCLOSURE W/PERF | KELE KIT | 1 | \$2,229.04 | 38\% | \$1,382.00 |
| A-48H30CLP | hoffman enclosures inc. | WALL-MNT. TYPE 4 ENCL 48X30x10 | A48H30CLP | 1 | \$2,348.26 | 38\% | \$1,455.92 |
| A-48N3609 | hofmman enclosures inc. | ENCLOSURE 48×36x09 | A483609 | 1 | \$1,802.29 | 38\% | \$1,117.42 |
| A-48N3609-P | hoffman enclosures inc. | ENCLOSURE 48336x09 W/PERF | KELE KIT | 1 | \$1,952.97 | 38\% | \$1,210.84 |
| A-48N3613 | hoffman enclosures inc. | NEMA 1 LRG Encl $48 \times 36 \times 13$ | A48N3613 | 1 | \$2,020.03 | 38\% | \$1,252.42 |
| A-48N3613-P | hoffman enclosures inc. | NEMA 1 LRG Encl $48 \times 36 \times 13$ W/PERF | KELE KIT | 1 | \$2,161.94 | 38\% | \$1,340.40 |
| A-48P30 | HOFFMAN ENCLOSURES INC. | PANEL FOR $48 \times 30$ ENCL | A48P30 | 1 | \$443.48 | 38\% | \$274.96 |
| A-48P36 | hoffman enclosures inc. | PANEL FOR 48X36 NEMA 12 | A48P36 | 1 | \$497.51 | 38\% | \$308.46 |
| A-48P6-NADFK | hofmman enclosures inc. | $48 \times 36$ PANEL W/SWING-OUT HDWARE | KELE KIT | 1 | \$650.34 | 38\% | \$403.21 |
| A-48R3612HCR | hoffman enclosures inc. | $48 \times 36 \times 12$ HINGE COVER ENCLOSURE, TYPE 3R | A48R3612HCR | 1 | \$1,999.37 | 38\% | \$1,239.61 |
| A-4AXFN | hoffman enclosures inc. | 100 CFM 4.7in Cooling fan | AAAXFN | 1 | \$244.23 | 38\% | \$151.42 |
| A-603608LP | hoffman enclosures inc. | NEMA $1260 \times 36 \times 08$ ENCL | A603608LP | 1 | \$2,282.52 | 38\% | \$1,415.16 |
| A-603608LP-P | hoffman enclosures inc. | NEMA $1260 \times 36 \times 08$ ENCL W/PERF | KELE KIT | 1 | \$2,571.10 | 38\% | \$1,594.08 |
| A-603610LP | hofmman enclosures inc. | $60 \times 36 \times 10$ WALL MOUNT TYPE 12/13 ENCLOSURE | A603610LP | 1 | \$2,409.86 | 38\% | \$1,494.11 |
| A-603610LP-P | hofmman enclosures inc. | $60 \times 36 \times 10$ WALL MOUNT TYPE 12/13 ENCL W/PERF | KELE KIT | 1 | \$2,618.09 | 38\% | \$1,623.22 |
| A-603612LP | hoffman enclosures inc. | $60 \times 36 \times 12$ WALL MOUNT TYPE 12/13 ENCLOSURE | A603612LP | 1 | \$2,529.23 | 38\% | \$1,568.12 |
| A-603612LP-P | hoffman enclosures inc. | $60 \times 36 \times 12$ WALL MOUNT TYPE 12/13 ENCL W/PERF | KELE Kit | 1 | \$2,732.62 | 38\% | \$1,694.22 |
| A-604810LP | hoffman enclosures inc. | $60 \times 48 \times 10$ TWO DOOR FLOOR MOUNT, TYPE 12 ENCL | A604810LP | 1 | \$5,876.24 | 38\% | \$3,643.27 |
| A-604812LP | hoffman enclosures inc. | $60 \times 48 \times 12$ TWO DOOR FLOOR MOUNT, TYPE 12 ENCL | A604812LP | 1 | \$6,060.35 | 38\% | \$3,757.42 |
| A-606010LP | hoffman enclosures inc. | $60 \times 60 \times 10$ TWO DOOR FLOOR MOUNT, TYPE 12 ENCL | A606010LP | 1 | \$6,547.00 | 38\% | \$4,059.14 |
| A-606012LP | hoffman enclosures inc. | $60 \times 60 \times 12$ TWO DOOR FLOOR MOUNT, TYPE 12 ENCL | A606012LP | 1 | \$6,787.98 | 38\% | \$4,208.55 |
| A-60036 | hofmman enclosures inc. | PANEL FOR $60 \times 36$ ENCL | A60P36 | 1 | \$616.80 | 38\% | \$382.42 |
| A-60P48 | hoffman enclosures inc. | PANEL FOR $60 \times 48$ Enclosure, NEMA 12 | A60P48 | 1 | \$1,437.83 | 38\% | \$891.45 |
| A-60P60 | hoffman enclosures inc. | PANEL FOR $60 \times 60$ Enclosure, NEMA 12 | A60P60 | 1 | \$1,797.85 | 38\% | \$1,114.67 |
| A-GAXFN | hoffman enclosures inc. | 240 CFM 6.7in COOLING FAN | AGAXFN | 1 | \$518.53 | 38\% | \$321.49 |
| A-6N64 | hofmman enclosures inc. | ENCL 6x6x4 | A6N64 | 1 | \$112.89 | 38\% | \$69.99 |
| A-6N64P | hoffman enclosures inc. | ENCL 6x6x4 W/PERF PANEL | KELE Kit | 1 | \$115.80 | 38\% | \$71.80 |
| A-6N6P | hofmman enclosures inc. | PANEL FOR 6X6 NEMA 1 | A6NGP | 1 | \$11.09 | 38\% | \$6.88 |
| A-6P6 | hofmman enclosures inc. | PANEL $4.88 \times 4.88$ FITS 6X6 JIC | A6P6 | 1 | \$12.65 | 38\% | \$7.84 |
| A-723612LP | hofmman enclosures inc. | $72 \times 36 \times 12$ WALL MOUNT TYPE 12/13 ENCLOSURE | A723612LP | 1 | \$2,886.62 | 38\% | \$1,789.70 |
| A-726010ULP | hoffman enclosures inc. | $72 \times 60 \times 10$ TWO DOOR FLOOR MOUNT TYPE 12 ENCL | A726010ULP | 1 | \$7,750.34 | 38\% | \$4,805.21 |
| A-726012ULP | hoffman enclosures inc. | $72 \times 60 \times 12$ TWO DOOR FLOOR MOUNT TYPE 12 ENCL | A726012ULP | 1 | \$7,757.94 | 38\% | \$4,809.92 |
| A-727210ULP | hofmman enclosures inc. | $72 \times 72 \times 10$ TWO DOOR FLOOR MNT TYPE 12 ENCL | A727210ULP | 1 | \$8,488.12 | 38\% | \$5,262.63 |
| A-727212ULP | hoffman enclosures inc. | $72 \times 72 \times 12$ TWO DOOR FLOOR MOUNT TYPE 12 ENCL | A727212ULP | 1 | \$8,409.16 | 38\% | \$5,213.68 |
| A-72P36 | hofmman enclosures inc. | PANEL FOR $72 \times 36$ ENCLOSURE, NEMA 12 | A72P36 | 1 | \$759.81 | 38\% | \$471.08 |
| A-72P60 | hofmman enclosures inc. | PANEL FOR $72 \times 60$ ENCLOSURE, NEMA 12 | A72P60 | 1 | \$2,141.34 | 38\% | \$1,327.63 |
| A-72P72 | hoffman enclosures inc. | PANEL FOR $72 \times 72$ ENCLOSURE, NEMA 12 | A72P72 | 1 | \$2,555.32 | 38\% | \$1,584.30 |
| A-8N64 | hoffman enclosures inc. | NEMA $18 \times 6 \times 4$ Enclosure | A8N64 | 1 | \$123.23 | 38\% | \$76.40 |
| A-8N64P | hofmman enclosures inc. | ENCL $866 \times 4$ W/PERP PANEL | KELE KIT | 1 | \$127.16 | 38\% | \$78.84 |
| A-8NGP | hoffman enclosures inc. | PANEL FOR 8X6 NEMA 1 | A8N6P | 1 | \$12.97 | 38\% | \$8.04 |
| A-8N84 | hoffman enclosures inc. | NEMA $18 \times 8 \times 4$ ENCLOSURE | A8N84 | 1 | \$144.87 | 38\% | \$89.82 |
| A-8N84P | hofmman enclosures inc. | ENCL $888 \times 4$ W/PERF PANEL | KELE KIT | 1 | \$141.85 | 38\% | \$87.95 |
| A-8N86 | hofmman enclosures inc. | NEMA $18 \times 8$ 86 ENCLOSURE | A8N86 | 1 | \$154.08 | 38\% | \$95.53 |
| A-8886P | hoffman enclosures inc. | ENCL $888 \times 6$ W/PERF PANEL | KELE KIT | 1 | \$158.35 | 38\% | \$98.18 |
| A-8N8P | hoffman enclosures inc. | PANEL FOR 8X8 NEMA 1 | A8N8P | 1 | \$15.22 | 38\% | \$9.44 |
| A-8P6 | hoffman enclosures inc. | PANEL 6.75X4.88 FITS 8X6 JIC | A8P6 | 1 | \$14.53 | 38\% | \$9.01 |
| A-8P8 | hofmman enclosures inc. | PANEL FOR A $10 X 8$ NEMA 3 En ELL | A8P8 | 1 | \$16.94 | 38\% | \$10.50 |
| A-8R64HCLO | hoffman enclosures inc. | ENCLOSURE 8x6x4 | A8R64HCLO | 1 | \$105.69 | 38\% | \$65.53 |
| A-8864HCLOP | hofmman enclosures inc. | NEMA 3R 8X6X4 W/PERF PANEL | KELE KIT | 1 | \$134.03 | 38\% | \$83.10 |
| A-8R86HCLO | hofmman enclosures inc. | ENCLOSURE 8X8X6 | A8R86HClO | 1 | \$134.21 | 38\% | \$83.21 |
| A-8886HCLOP | hofmman enclosures inc. | NEMA 3R 888X6 W/PERF PANEL | KELE KIT | 1 | \$158.51 | 38\% | \$98.28 |
| A-BRKT10 | hoffman enclosures inc. | FAN Bracket for a-10AXFN | ABRKT10 | 1 | \$177.43 | 38\% | \$110.01 |
| A-BRKT4 | hoffman enclosures inc. | fan bracket for a-4AXFN | АВвкт4 | 1 | \$70.12 | 38\% | \$43.47 |
| A-вRKт6 | hofmman enclosures inc. | FAN BRACKET FOR A-6AXFN | АВвкт6 | 1 | \$87.76 | 38\% | \$54.41 |

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3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted Instledl Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, F Ilarm Interface Pal andor other similar device, which utilize certain platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementiond

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, owers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
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A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

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B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc.).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely us
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Inctled] Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or mainten er of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtub showers, water fountains, water heaters hot water tanks, garbage disposal
General Ductwork Piping etc. shall not be obtained on these contracts
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not:
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc),

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' $\mathbf{l}$ location in the event of a fire or emergency.

| mbe | Mantuacturer | Product Descripion | Product Code | "Warrant Period - \# o y year(s) after |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | cis reautied by | List Price | \% Discount | NYS Nat Price |
| C-P4836 | HOFFMAN ENCLOSURES INC. | $48 \times 36$ CONCEPT SUBPANEL | CP4836 | 1 | \$550.87 | 38\% | \$341.54 |
| C-P6036 | hoffman enclosures inc. | $60 \times 36$ CONCEPT SUBPANEL | CP6036 | 1 | \$662.57 | 38\% | \$410.79 |
| C-SD12126 | hoffman enclosures inc. | $12 \times 12 \times 6$ CONCEPT NEMA 4,12,13 ENCL | CSD12126 | 1 | \$580.63 | 38\% | \$359.99 |
| C-SD12126-BG | hoffman enclosures inc. | Beige $12 \times 12 \times 6$ CONCEPT NEMA 4,12,13 ENCL | CSD12126BG | 1 | \$779.00 | 38\% | \$482.98 |
| C-SD12126-BG-PF | hoffman enclosures inc. | BEIGE $12 \times 12 \times 6$ CONCEPT NEMA 4/12 ENCL W/PERF | KELE KIT | 1 | \$756.28 | 38\% | \$468.89 |
| C-SD12126-P | hoffman enclosures inc. | $12 \times 12 \times 6$ CONCEPT ENCL W/PANEL | KELE KIT | 1 | \$585.90 | 38\% | \$363.26 |
| C-SD12126-PF | hoffman enclosures inc. | $12 \times 12 \times 6$ CONCEPT NEMA 4/12 ENCL W/PERF | KELE KIT | 1 | \$568.39 | 38\% | \$352.40 |
| C-SD12126SS | hoffman enclosures inc. | $12 \times 12 \times 6$ WALL-MOUNT TYPE 4X, 304 SS | CSD12126SS | 1 | \$2,169.93 | 38\% | \$1,345.36 |
| C-SD12126SS-PF | hoffman enclosures inc. | $12 \times 12 \times 6$ WALL-MOUNT TYPE $4 \times 304$ SS W/PERF | KELE KIT | 1 | \$2,115.95 | 38\% | \$1,311.89 |
| C-SD16126 | hoffman enclosures inc. | $16 \times 12 \times 6$ CONCEPT NEMA 4,12,13 ENCL | CSD16126 | 1 | \$619.68 | 38\% | \$384.20 |
| C-SD16126-BG | hoffman enclosures inc. | Beige $16 \times 12 \times 6$ CONCEPT NEMA 4,12,13 ENCL | CSD16126BG | 1 | \$811.00 | 38\% | \$502.82 |
| C-SD16126-BG-PF | hoffman enclosures inc. | BEIGE $16 \times 12 \times 6$ CONCEPT NEMA 4/12 ENCL W/PERF | KELE KIT | 1 | \$792.63 | 38\% | \$491.43 |
| C-SD16126-P | hoffman enclosures inc. | 16x1226 CONCEPT ENCL W/PANEL | KELE KIT | 1 | \$633.45 | 38\% | \$392.74 |
| C-SD16126-PF | hoffman enclosures inc. | 16X12X6 CONCEPT NEMA 4/12 ENCL W/PERF | KELE KIT | 1 | \$611.57 | 38\% | \$379.17 |
| C-SD16128 | hoffman enclosures inc. | $16 \times 12 \times 8$ CONCEPT NEMA 4,12,13 ENCL | CSD16128 | 1 | \$649.72 | 38\% | \$402.83 |
| C-SD16128-P | hoffman enclosures inc. | 16x1228 CONCEPT ENCL W/PANEL | KELE KIT | 1 | \$661.82 | 38\% | \$410.33 |
| C-SD16128-PF | hoffman enclosures inc. | 16X12X8 CONCEPT NEMA 4/12 ENCL W/PERF | KELE KIT | 1 | \$639.94 | 38\% | \$396.76 |
| C-SD16166 | hoffman enclosures inc. | CONCEPT ENCLOSURE | CSD16166 | 1 | \$629.28 | 38\% | \$390.15 |
| C-SD20166 | hoffman enclosures inc. | 20x16x6 CONCEPT NEMA 4,12,13 ENCL | CSD20166 | 1 | \$741.54 | 38\% | \$459.75 |
| C-SD20166-BG | hoffman enclosures inc. | BEIGE $20 \times 16 \times 6$ CONCEPT NEMA 4,12,13 ENCL | CSD20166BG | 1 | \$854.00 | 38\% | \$529.48 |
| C-SD20166-BG-PF | hoffman enclosures inc. | BEIGE $20 \times 16 \times 6$ CONCEPT NEMA 4/12 ENCL W/PERF | KELE KIT | 1 | \$862.64 | 38\% | \$534.84 |
| C-SD20166-P | hoffman enclosures inc. | 20x16X6 CONCEPT ENCL W/PANEL | KELE KIT | 1 | \$818.89 | 38\% | \$507.71 |
| C-SD20166-PF | hoffman enclosures inc. | $20 \times 16 \times 6$ CONCEPT NEMA 4/12 ENCL W/PERF | KELE KIT | 1 | \$766.69 | 38\% | \$475.35 |
| C-SD20168 | hoffman enclosures inc. | $20 \times 16 \times 8$ CONCEPT NEMA 4,12,13 ENCL | CSD20168 | 1 | \$771.52 | 38\% | \$478.34 |
| C-SD20168-P | hoffman enclosures inc. | 2016x8 CONCEPT ENCL W/PANEL | KELE KIT | 1 | \$835.93 | 38\% | \$518.28 |
| C-SD20168-PF | hoffman enclosures inc. | 20x16x8 CONCEPT NEMA 4/12 ENCL W/PERF | KELE KIT | 1 | \$783.93 | 38\% | \$486.04 |
| C-SD20206 | hoffman enclosures inc. | 20x20x6 CONCEPT NEMA 4,12,13 ENCL | CSD20206 | 1 | \$771.72 | 38\% | \$478.47 |
| C-SD20206-P | hoffman enclosures inc. | 20x20x6 CONCEPT ENCL W/PANEL | KELE KIT | 1 | \$857.19 | 38\% | \$531.46 |
| C-SD20206-PF | hoffman enclosures inc. | $20 \times 20 \times 6$ CONCEPT NEMA 4/12 ENCL W/PERF | KELE KIT | 1 | \$793.94 | 38\% | \$492.24 |
| C-SD20208 | hoffman enclosures inc. | 20x20x8 CONCEPT NEMA 4,12,13 ENCL | CSD20208 | 1 | \$814.74 | 38\% | \$505.14 |
| C-SD20208-PF | hoffman enclosures inc. | 20x20x8 CONCEPT NEMA 4/12 ENCL W/PERF | KELE KIT | 1 | \$834.80 | 38\% | \$517.58 |
| C-SD24168 | hoffman enclosures inc. | WALL-MOUNT TYPE 4/12 ENC. $24 \times 16 \times 8 ;$ STEEL/GRAY | CSD24168 | 1 | \$805.69 | 38\% | \$499.53 |
| C-SD24168-PF | hoffman enclosures inc. | WALL-MOUNT 4/12 ENC 24x16x8 STEEL/GRAY W/PERF | KELE Kit | 1 | \$811.44 | 38\% | \$503.09 |
| C-SD242010 | hoffman enclosures inc. | CONCEPT $24 \times 20 \times 10$ NEMA $/ 1 / 2$ WALL MOUNT | CSD242010 | 1 | \$900.24 | 38\% | \$558.15 |
| C-SD242010-PF | hoffman enclosures inc. | CONCEPT $24 \times 20 \times 10$ NEMA 4/12 WALL MOUNT W/PERF | KELE KIT | 1 | \$912.19 | 38\% | \$565.56 |
| C-SD24206 | hoffman enclosures inc. | $24 \times 20 \times 6$ CONCEPT NEMA 4,12,13 ENCL | CSD24206 | 1 | \$827.68 | 38\% | \$513.16 |
| C-SD24206-BG | hoffman enclosures inc. | BEIGE $24 \times 20 \times 6$ CONCEPT NEMA 4,12,13 ENCL | CSD24206BG | 1 | \$938.00 | 38\% | \$581.56 |
| C-SD24206-BG-PF | hoffman enclosures inc. | BEIGE $24 \times 20 \times 6$ CONCEPT NEMA 4/12 ENCL W/PERF | KELE KIT | 1 | \$1,001.00 | 38\% | \$620.62 |
| C-SD24206-P | hoffman enclosures inc. | 24x20x6 CONCEPT ENCL W/PANEL | KELE KIT | 1 | \$916.15 | 38\% | \$568.01 |
| C-SD24206-PF | hoffman enclosures inc. | $24 \times 20 \times 6$ CONCEPT NEMA 4/12 ENCL W/PERF | KELE Kit | 1 | \$824.79 | 38\% | \$511.37 |
| C-SD24208 | hoffman enclosures inc. | $24 \times 20 \times 8$ CONCEPT NEMA 4,12,13 ENCL | CSD24208 | 1 | \$875.11 | 38\% | \$542.57 |
| C-SD24208-P | hoffman enclosures inc. | $24 \times 20 \times 8$ CONCEPT ENCL W/PANEL | KELE Kit | 1 | \$937.55 | 38\% | \$581.28 |
| C-SD24208-PF | hoffman enclosures inc. | $24 \times 20 \times 8$ CONCEPT NEMA 4/12 ENCL W/PERF | KELE KIT | 1 | \$846.23 | 38\% | \$524.66 |
| C-SD24208w | hoffman enclosures inc. | $24 \times 20 \times 8$ WALL MOUNT ENCL/ WINDOW | CSD24208w | 1 | \$1,179.14 | 38\% | \$731.07 |
| C-SD24208W-PF | hoffman enclosures inc. | $24 \times 20 \times 8$ WALL MOUNT ENCL/ WINDOW W/PERF | KELE KIT | 1 | \$1,191.98 | 38\% | \$739.03 |
| C-SD24246 | hoffman enclosures inc. | $24 \times 2446$ CONCEPT NEMA 4,12,13 ENCL | CSD24246 | 1 | \$892.65 | 38\% | \$553.44 |
| C-SD24246-P | hoffman enclosures inc. | $24 \times 24 \times 6$ CONCEPT ENCL W/PANEL | KELE Kit | 1 | \$1,000.44 | 38\% | \$620.27 |
| C-SD24246-PF | hoffman enclosures inc. | $24 \times 24 \times 6$ CONCEPT NEMA 4/12 ENCL W/PERF | KELE KIT | 1 | \$910.38 | 38\% | \$564.44 |
| C-SD24248 | hoffman enclosures inc. | $24 \times 24 \times 8$ CONCEPT NEMA 4,12,13 ENCL | CSD24248 | 1 | \$884.90 | 38\% | \$548.64 |
| C-SD24248-P | hoffman enclosures inc. | $24 \times 2488$ CONCEPT ENCL W/PANEL | KELE KIT | 1 | \$1,024.67 | 38\% | \$635.30 |
| C-SD24248-PF | hoffman enclosures inc. | $24 \times 24 \times 8$ CONCEPT NEMA 4/12 ENCL W/PERF | KELE KIT | 1 | \$934.56 | 38\% | \$579.43 |
| C-SD242485S | hoffman enclosures inc. | $24 \times 24 \times 8$ WALL MOUNT ENCL, NEMA $4 \mathrm{X}, 304 \mathrm{SS}$ | CSD24248SS | 1 | \$3,965.35 | 38\% | \$2,458.52 |
| C-SD242485S-PF | hoffman enclosures inc. | $24 \times 24 \times 8$ WALL MOUNT ENCL, NEMA $4 \times 304$ SS W/PERF | KELE KIT | 1 | \$3,882.12 | 38\% | \$2,406.91 |
| C-SD30248 | hoffman enclosures inc. | $30 \times 24 \times 8$ CONCEPT NEMA 4,12,13 ENCL | CSD30248 | 1 | \$982.31 | 38\% | \$609.03 |
| C-SD30248-BG | hoffman enclosures inc. | Beige $30 \times 24 \times 8$ CONCEPT NEMA 4,12,13 ENCL | CSD30248BG | 1 | \$1,094.00 | 38\% | \$678.28 |
| C-SD30248-GG-PF | hoffman enclosures inc. | BEIGE $30 \times 24 \times 8$ CONCEPT NEMA 4/12 ENCL W/PERF | KELE KIT | 1 | \$1,202.00 | 38\% | \$745.24 |
| C-SD30248-P | hoffman enclosures inc. | 30x2488 CONCEPT ENCL W/PANEL | KELE KIT | 1 | \$1,154.36 | 38\% | \$715.70 |
| C-SD30248-PF | hoffman enclosures inc. | $30 \times 24 \times 8$ CONCEPT NEMA 4/12 ENCL W/PERF | KELE KIT | 1 | \$1,047.20 | 38\% | \$649.26 |
| C-SD362412 | hoffman enclosures inc. | 36x24x12 CONCEPT NEMA 4,12,13 ENCL | CSD362412 | 1 | \$1,235.43 | 38\% | \$765.97 |
| C-SD362412-PF | hoffman enclosures inc. | 36x24x12 CONCEPT NEMA 4/12 ENCL W/PERF | KELE KIT | 1 | \$1,309.17 | 38\% | \$811.69 |
| C-SD36248 | hoffman enclosures inc. | $36 \times 24 \times 8$ CONCEPT NEMA 4,12,13 ENCL | CSD36248 | 1 | \$1,079.14 | 38\% | \$669.07 |
| C-SD36248-P | hoffman enclosures inc. | 36x2488 CONCEPT ENCL W/PANEL | KELE Kit | 1 | \$1,283.14 | 38\% | \$795.55 |
| C-SD36248-PF | hoffman enclosures inc. | 36x24x8 CONCEPT NEMA 4/12 ENCL W/PERF | KELE Kit | 1 | \$1,158.84 | 38\% | \$718.48 |
| C-SD363010 | hoffman enclosures inc. | $36 \times 30 \times 10$ CONCEPT NEMA 4,12,13 ENCL | CSD363010 | 1 | \$1,249.17 | 38\% | \$774.49 |
| C-SD363010-P | hoffman enclosures inc. | $36 \times 30 \times 10$ CONCEPT ENCL W/PANEL | KELE KIT | 1 | \$1,525.25 | 38\% | \$945.66 |
| C-SD363010-PF | hoffman enclosures inc. | 36630x10 CONCEPT NEMA 4/12 ENCL W/PERF | KELE KIT | 1 | \$1,351.01 | 38\% | \$837.63 |
| C-SD36308 | hoffman enclosures inc. | $36 \times 30 \times 8$ CONCEPT NEMA 4,12,13 ENCL | CSD36308 | 1 | \$1,212.62 | 38\% | \$751.82 |
| C-SD36308-BG | hoffman enclosures inc. | Beige $36 \times 30 \times 8$ CONCEPT NEMA 4,12,13 ENCL | CSD36308BG | 1 | \$1,281.67 | 38\% | \$794.64 |
| C-SD3630-BG-PF | hoffman enclosures inc. | BEIGE $36 \times 30 \times 8$ CONCEPT NEMA 4/12 ENCL W/PERF | KELE Kit | 1 | \$1,464.00 | 38\% | \$907.68 |
| C-SD36308-P | hoffman enclosures inc. | $36 \times 30 \times 8$ CONCEPT ENCL W/PANEL | KELE KIT | 1 | \$1,490.13 | 38\% | \$923.88 |
| C-SD36308-PF | hoffman enclosures inc. | $36 \times 30 \times 8$ CONCEPT NEMA 4/12 ENCL W/PERF | KELE Kit | 1 | \$1,315.86 | 38\% | \$815.83 |
| C-SD36368 | hoffman enclosures inc. | $36 \times 36 \times 8$ CONCEPT NEMA 4,12,13 ENCL | CSD36368 | 1 | \$1,347.17 | 38\% | \$835.25 |
| C-SD36368-PF | hoffman enclosures inc. | 36x36x8 CONCEPT NEMA 4/12 ENCL W/PERF | KELE KIT | 1 | \$1,473.98 | 38\% | \$913.87 |
| C-SD423610 | hoffman enclosures inc. | $42 \times 36 \times 10$ CONCEPT NEMA 4,12,13 ENCL | CSD423610 | 1 | \$1,574.77 | 38\% | \$976.36 |
| C-SD423610-P | hoffman enclosures inc. | $42 \times 36 \times 10$ CONCEPT ENCL W/PANEL | KELE Kit | 1 | \$1,960.06 | 38\% | \$1,215.24 |
| C-SD423610-PF | hoffman enclosures inc. | 42X36x10 CONCEPT NEMA 4/12 ENCL W/PERF | KELE KIT | 1 | \$1,720.89 | 38\% | \$1,066.95 |
| C-SD423612 | hoffman enclosures inc. | $42 \times 36 \times 12$ CONCEPT NEMA 4,12,13 ENCL | CSD423612 | 1 | \$1,641.38 | 38\% | \$1,017.66 |
| C-SD423612-PF | hoffman enclosures inc. | 42X36x12 CONCEPT NEMA 4/12 ENCL W/PERF | KELE Kit | 1 | \$1,784.46 | 38\% | \$1,106.37 |
| C-SD883610 | hoffman enclosures inc. | 48×36x10 CONCEPT NEMA 4,12,13 ENCL | CSD483610 | 1 | \$1,716.87 | 38\% | \$1,064.46 |
| C-SD483610-P | hoffman enclosures inc. | 48×36x10 CONCEPT ENCL W/PANEL | KELE KIT | 1 | \$2,139.31 | 38\% | \$1,326.37 |
| C-SD483610-PF | hoffman enclosures inc. | 48X36x10 CONCEPT NEMA 4/12 ENCL W/PERF | KELE Kit | 1 | \$1,885.50 | 38\% | \$1,169.01 |
| C-SD483612 | hoffman enclosures inc. | $48 \times 36 \times 12$ WALL MOUNT TYPE 4/12 CONCEPT ENCL | CSD483612 | 1 | \$1,789.37 | 38\% | \$1,109.41 |
| C-SD883612-P | hoffman enclosures inc. | $48 \times 36 \times 12$ WALL MOUNT TYPE 4/12 ENCL W/ PANEL | KELE Kit | 1 | \$1,924.94 | 38\% | \$1,193.46 |
| C-SD483612-PF | hoffman enclosures inc. | 48×36x12 WALL MOUNT TYPE 4/12 CONCEPT ENCL W/PERF | KELE Kit | 1 | \$1,956.39 | 38\% | \$1,212.96 |
| C-SD603610 | hoffman enclosures inc. | $60 \times 36 \times 10$ CONCEPT NEMA 4,12,13 ENCL | CSD603610 | 1 | \$1,998.05 | 38\% | \$1,238.79 |
| C-SD603610-P | hoffman enclosures inc. | 60x36x10 CONCEPT ENCL W/PANEL | KELE KIT | 1 | \$2,520.36 | 38\% | \$1,562.62 |
| C-SD603610-PF | hoffman enclosures inc. | 60X36x10 CONCEPT NEMA 4/12 ENCL W/PERF | KELE KIT | 1 | \$2,214.65 | 38\% | \$1,373.08 |
| C-SD603612 | hoffman enclosures inc. | $60 \times 36 \times 12$ WALL MOUNT TYPE 4/12 CONCEPT ENCL | CSD603612 | 1 | \$2,085.38 | 38\% | \$1,292.94 |
| C-SD603612-P | hoffman enclosures inc. | $60 \times 36 \times 12$ WALL MOUNT TYPE 4/12 ENCL W/ PANEL | KELE Kit | 1 | \$2,603.05 | 38\% | \$1,613.89 |
| C-SD603612-PF | hoffman enclosures inc. | 60x36x12 WALL MOUNT TYPE 4/12 CONCEPT ENCL W/PERF | KELE KIT | 1 | \$2,297.29 | 38\% | \$1,424.32 |
| C-WHK | hoffman enclosures inc. | HANDLE, KEYLOCK | сшнк | 1 | \$213.92 | 38\% | \$132.63 |
| CLKтM 7 | hoffman enclosures inc. | INSERT AND KEY; 7 mm TRIANGLE | сLKтM 7 | 1 | \$71.27 | 38\% | \$44.19 |
| CMFK | hoffman enclosures inc. | MOUNTTNG FOOT KIT FOR CONCEPT ENCLOSURES | CMFK | 1 | \$95.89 | 38\% | \$59.45 |
| CMFKSS | hoffman enclosures inc. | MOUNTING FOOT Kit (QTY. 4 PER Kit) | CMFKSS | 1 | \$248.24 | 38\% | \$153.91 |
| CSP2420 | hoffman enclosures inc. | PANEL, SWING-OUT $21.78 \times 17.84$ | CSP2420 | 1 | \$521.26 | 38\% | \$323.18 |
| CWHNL | hoffman enclosures inc. | handle, NoN-LOCKING | CWHNL | 1 | \$150.50 | 38\% | \$93.31 |
| CWHPTO | hoffman enclosures inc. | handle, Padlocking | CWHPTO | 1 | \$408.40 | 38\% | \$253.21 |
| D-AH1001A | hoffman enclosures inc. | HEATER 100 WATTS, 115 VCLT | DAH1001A | 1 | \$792.44 | 38\% | \$491.31 |
| D-AH2001A | hoffman enclosures inc. | 200 WATT Heater 120 vac | DAH2001A | 1 | \$925.38 | 38\% | \$573.74 |
| D-AH4001B | hoffman enclosures inc. | 400 WATT HEATER 120 VAC | DAH4001B | 1 | \$1,069.89 | 38\% | \$663.33 |
| D-AH8001B | hoffman enclosures inc. | 800 WATT HEATER 120 vaC | DAH8001B | 1 | \$1,216.19 | 38\% | \$754.04 |
| E-1PBG | hoffman enclosures inc. | 1 HOLE 22.5MM PUSH BUTTON ENCLOSURE | E1PBG | 1 | \$146.11 | 38\% | \$90.59 |
| E-2PBG | hoffman enclosures inc. | 2 HOLE 22.5MM PUSH BUTTON ENCLOSURE | E2PBG | 1 | \$172.86 | 38\% | \$107.17 |
| E-3PBG | hoffman enclosures inc. | 3 HOLE 22.5MM PUSH BUTTON ENCLOSURE | E3PBG | 1 | \$198.84 | 38\% | \$123.28 |
| E-4PBG | hoffman enclosures inc. | 4 HOLE 22.5MM PUSH BUTTON ENCLOSURE | E4PBG | 1 | \$218.61 | 38\% | \$135.54 |

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commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
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units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
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B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

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2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted Inctledl Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integra products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pane (1, A), and/or other similar device, which utilize certain cols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned mainten of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs owers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
${ }^{\text {B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting conference rooms, video video conferencing equipment Theatre Screens/Displays, etc.). }}$
A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' 'ocation in the event of a fire or emergency.

| Model Number | wrer | Product Dos | Suct Code | $\begin{gathered} \text { "Warranty Period - \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54 \text { " } \end{gathered}$ | List Price | \% Discount | NYS Nat Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |
| SC12104P | HOFFMAN ENCLOSURES INC. | 12X10X4 SCREW ENCL.W/PP,HPHW | KELE KIT | 1 | \$70.09 | 38\% | \$43.46 |
| SC12106 | hoffman enclosures inc. | 12X10X6 SCREW COVER ENCLOSURE | ASE12x10x6 | , | \$94.28 | 38\% | \$58.45 |
| SC12106P | hoffman enclosures inc. | $12 \times 10 \times 6$ SCREW ENCL. W/PERF \& HARDWARE | KELE KIT | 1 | \$102.62 | 38\% | \$63.62 |
| SC12124 | hoffman enclosures inc. | 12inx12inX4in SCREW BOX COVER | ASE12×12x4 | 1 | \$69.41 | 38\% | \$43.03 |
| SC12124P | hoffman enclosures inc. | $12 \times 12 \times 4$ SCREW ENCL W/PP, HDWR | KELE KIT | 1 | \$85.94 | 38\% | \$53.28 |
| SC12126 | hoffman enclosures inc. | $12 \times 12 \times 6$ BOX WITH SCREW COVER | ASE12X12X6 | 1 | \$85.85 | 38\% | \$53.23 |
| SC12126P | hoffman enclosures inc. | $12 \times 12 \times 6$ SCREW COVER ENCLOSURE WITH PP; HDWR | KELE KIT | 1 | \$97.45 | 38\% | \$60.42 |
| SC1284 | hoffman enclosures inc. | 12inX8inX4in SCREW BOX COVER | ASE12X8×4 | 1 | \$65.11 | 38\% | \$40.37 |
| SC1284P | hoffman enclosures inc. | $12 \times 8 \times 4$ SCREW ENCL W/PP,HDWR | KELE KIT | 1 | \$72.86 | 38\% | \$45.17 |
| SC16124 | hoffman enclosures inc. | 16X12X4 SCREW COVER ENCLOSURE | ASE16x12X4 | 1 | \$102.01 | 38\% | \$63.25 |
| SC16124P | hoffman enclosures inc. | 16X12X4 SCREW ENCL W/PP,HDWR | KELE KIT | 1 | \$120.48 | 38\% | \$74.70 |
| SC16126 | hoffman enclosures inc. | 16inx12inX6in SCREW BOX COVER | ASE16x12x6 | 1 | \$129.71 | 38\% | \$80.42 |
| SC16126P | hoffman enclosures inc. | 16X12X6 SCREW ENCL W/PP,HDWR | KELE KIT | 1 | \$144.22 | 38\% | \$89.42 |
| SC18124 | hoffman enclosures inc. | SCREW COVER 18X12X4 | ASE18×12x4 | 1 | \$113.31 | 38\% | \$70.25 |
| SC18124P | hoffman enclosures inc. | 18X12X4 SCREW ENCL. W/PP,QPHW | KELE KIT | 1 | \$142.75 | 38\% | \$88.51 |
| SC18126 | hoffman enclosures inc. | SCREW COVER 18in $\times 12$ in X 6in | ASE18×12X6 | 1 | \$131.85 | 38\% | \$81.75 |
| SC18126P | hoffman enclosures inc. | 18X12X6 SCREW ENCL W/PP | KELE KIT | 1 | \$159.65 | 38\% | \$98.98 |
| SC18186 | hoffman enclosures inc. | SCREW COVER 18inX18inX6in | ASE18x1886 | 1 | \$152.99 | 38\% | \$94.85 |
| SC24124 | hoffman enclosures inc. | $24 \times 12 \times 4$ CREW COVER ENCLOSURE/ KOS | ASE24×12×4 | 1 | \$167.75 | 38\% | \$104.01 |
| SC24246 | hoffman enclosures inc. | $24 \times 24 \times 6$ SCREW COVER ENCLOSURE | ASE24×24×6 | 1 | \$308.27 | 38\% | \$191.13 |
| SC24248 | hoffman enclosures inc. | $24 \times 24 \times 8$ SCREW COVER ENCLOSURE/ KOS | ASE24x24x8 | 1 | \$353.52 | 38\% | \$219.18 |
| SC664 | hoffman enclosures inc. | 6inX6inX4in PuLL Box w/ SCREW Cov | ASE6x6x4 | 1 | \$31.77 | 38\% | \$19.70 |
| SC664P | hoffman enclosures inc. | 6x6x4 SCREW ENCL W/PP | KELE KIT | 1 | \$36.19 | 38\% | \$22.44 |
| SC666 | hoffman enclosures inc. | 6in $X$ 6in $\times 6$ in SCREW COVER ENCL | ASE6x6x6 | 1 | \$38.41 | 38\% | \$23.81 |
| SC666P | hoffman enclosures inc. | 6x6x6 SCREW ENCL. W/PP,QPHW | KELE KIT | 1 | \$42.20 | 38\% | \$26.16 |
| SC884 | hoffman enclosures inc. | $8 \times 8 \times 4$ SCREW COVER bOX | ASE8X8X4 | 1 | \$43.56 | 38\% | \$27.01 |
| Sc884P | hoffman enclosures inc. | $8 \times 8 \times 4$ SCREW COVER W/PANEL | KELE KIT | 1 | \$49.90 | 38\% | \$30.94 |
| Sc886 | hoffman enclosures inc. | $\sin \times \sin \times 6$ in SCREW COVER ENCL | ASE8X8X6 | 1 | \$52.30 | 38\% | \$32.43 |
| Sc886P | hoffman enclosures inc. | 8x8X6 SCREW ENCL. W/PP,QPHW | KELE Kit | 1 | \$57.81 | 38\% | \$35.84 |
| WF100LP | hoffman enclosures inc. | NEMA 3R ENCL w/ 2 FAN 67x36x16 | WF100LP | 1 | \$5,537.09 | 38\% | \$3,433.00 |
| WF100LP-p | hoffman enclosures inc. | NEMA 3R ENCL w/ 2 FAN $67 \times 36 \times 16 \mathrm{~W} / \mathrm{PERF}$ | KELE KIT | 1 | \$5,638.41 | 38\% | \$3,495.81 |
| WF10LP | hoffman enclosures inc. | NEMA 3R ENCL w/ FAN 35x24x12 | WF10LP | 1 | \$2,185.16 | 38\% | \$1,354.80 |
| WF10LP-P | hoffman enclosures inc. | NEMA 3R ENCL w/ FAN 35x24x12 w/PERF | KELE Kit | 1 | \$2,255.96 | 38\% | \$1,398.70 |
| WF25LP | hoffman enclosures inc. | NEMA 3R ENCL w/ FAN 41242x12 | WF25LP | 1 | \$2,498.61 | 38\% | \$1,549.14 |
| WF25LP-p | hoffman enclosures inc. | NEMA 3R ENCL w/ FAN 41 2 24x12 w/PERF | KELE KIT | 1 | \$2,553.78 | 38\% | \$1,583.34 |
| WF3LP | hoffman enclosures inc. | NEMA 3R ENCL w/ FAN 29924×12 | WF3LP | 1 | \$1,973.70 | 38\% | \$1,223.69 |
| WF3LP-P | hoffman enclosures inc. | NEMA 3R ENCL w/ FAN 29924x12 w/PERF | KELE KIT | 1 | \$2,004.15 | 38\% | \$1,242.57 |
| WF4OLP | hoffman enclosures inc. | NEMA 3R ENCL w/ 2 FAN 47>24x14 | WF40LP | 1 | \$3,045.04 | 38\% | \$1,887.92 |
| WF40LP-P | hoffman enclosures inc. | NEMA 3R ENCL w/ 2 FAN 47>24x14 W/PERF | KELE KIT | 1 | \$3,075.74 | 38\% | \$1,906.96 |
| WF75LP | hoffman enclosures inc. | NEMA 3R ENCL w/ FAN 55x36x16 | WF75LP | 1 | \$4,789.91 | 38\% | \$2,969.74 |
| WF75LP-p | hoffman enclosures inc. | NEMA 3R ENCL w/ FAN 55x36x16 W/PERF | KELE KIT | 1 | \$4,957.46 | 38\% | \$3,073.63 |
| WFF1 | hoffman enclosures inc. | FILTER FOR 24 IN WF ENCL | WFF1 | 1 | \$73.17 | 38\% | \$45.37 |
| wFF2 | hoffman enclosures inc. | FILTER FOR 36 In WF ENCL | WFF2 | 1 | \$96.81 | 38\% | \$60.02 |
| x-PV32 | hoffman enclosures inc. | 11.8inX7.9in VENT KIT W/FILTER | XPV32 | 1 | \$355.28 | 38\% | \$220.27 |
| TSA-NCS | hoffman enclosures inc. | SPORTS AUTHORITY - NEW CONSTRUCTION STD | KELE KIT | 1 | \$1,763.86 | 38\% | \$1,093.59 |
| PLM-240 | hoffman enclosures inc. | EnClosed model b269 | KELE BOM | 1 | \$636.00 | 38\% | \$394.32 |
| DA-5 | Home Securit store (VISONi | I Request-to-Exit Pir detector, 12/24V AC/DC | DA-5 | 1 | \$143.00 | 38\% | \$88.66 |
| GLASSTECH AM | HOME SECURTTY STORE (VISONI | II MICROPRO GLASS BREAK DETECTOR | GLASSTECH AM | 1 | \$101.00 | 38\% | \$62.62 |
| DL-125C | HOME SECURTTY STORE (VISONI | II PROGRAMMABLE AUTO DIALER, 12/24vDC | DL-125C | 1 | \$474.00 | 38\% | \$293.88 |
| 14004264-001 | honerwell | REPAIR KIT POSITIVE POSITIIONER | 14004264-001 | 1 | 755.68 | 38\% | \$468.52 |
| 198162EA | HONETWELL | INTERNAL XFORM. FOR MOD IV | 198162EA | 1 | 111.62 | 38\% | \$69.20 |
| 201052A | HONETWELL | ACTUATOR MOUNTED END SWITCH | 201052A | 1 | 88.31 | 38\% | \$54.75 |
|  | 201391 HONEYWELL | SHAFT ADAPTER FOR 3/8 In SHAFTS | 201391 | 1 | 6.52 | 38\% | \$4.04 |
|  | 205649 HONEYWELL | anti-rotation bar | 205649 | 1 | 24.50 | 38\% | \$15.19 |
|  | 205685 HONEYWELL | CRANK ARM 150in-lb actuator | 205685 | 1 | 49.09 | 38\% | \$30.44 |
|  | 205846 HONEYWELL | CRANK AIR FOR 300in-lb actuato | 205846 | 1 | 37.42 | 38\% | \$23.20 |
|  | 205860 HONEYWELL | MIN POSITION POT | 205860 | 1 | 212.96 | 38\% | \$132.04 |
| 220736 A | HONETWELL | Internal Aux. SWITCH Kit | 220736 A | 1 | 176.82 | 38\% | \$109.63 |
| 220736B | Honerwell | Internal aux switch | 2207368 | 1 | 322.69 | 38\% | \$200.07 |
| 221455 A | Honerwell | ADJUSTABLE CRANKARM | 221455 A | 1 | 38.26 | 38\% | \$23.72 |
|  | 312760 HONEYWELL | diAPHRAGM SIN FOR MP953A,C | 312760 | 1 | 28.93 | 38\% | \$17.94 |
| 32003036-001 | HONEYWELL | PLASTIC WEATHER SHIELD | 32003036-001 | 1 | 266.27 | 38\% | \$165.09 |
| 32003532-005 | HONEYWELL | AUX. SWW. 2-SPDT, FOR MLXX15, MLXX09 | 32003532-005 | 1 | 104.77 | 38\% | \$64.96 |
| 32004254-002 | HONEYWELL | REPLACEMENT SHAFT COUPLER FOR KAS-44,-88,-175 | 32004254-002 | 1 | 45.37 | 38\% | \$28.13 |
| 4074ENY | HONEYWELL | BAG ASSEMBLY FOR ML616/ML7161 | 4074 NY | 1 | 32.37 | 38\% | \$20.07 |
| 4074EVK | HONEYWELL | EXTENSION FOR USE W/ML6161 | 4074EVK | 1 | 51.37 | 38\% | \$31.85 |
| 50000407-001 | Honerwell | TANDEM KIT FOR KA-301, KAS-175 | 50000407-001 | 1 | 141.94 | 38\% | \$88.00 |
| 50001194-001 | Honerwell | UNIVERSAL SURFACE MOUNT BRACKET | 5000194-001 | 1 | 147.00 | 38\% | \$91.14 |
| D690A1002 | HONEYWELL | GIN ROUND DAMPER WITH MTG PLATE | D690A1002 | 1 | 152.41 | 38\% | \$94.49 |
| D690A1010 | HONEYWELL | 8IN ROUND DAMPER WITH MTG PLATE | D690A1010 | 1 | 158.12 | 38\% | \$98.03 |
| D690A1028 | HONEYWELL | 10in round damper with mig plate | D690A1028 | 1 | 163.56 | 38\% | \$101.41 |
| D690A1036 | HoNerwell | 12IN ROUND DAMPER WITH MTG PLATE | D690A1036 | 1 | 180.19 | 38\% | \$111.72 |
| D690A1044 | HONEYWELL | 14IN ROUND DAMPER WITH MTG PLATE | D690A1044 | 1 | 218.64 | 38\% | \$135.56 |
| D690A1051 | Honerwell | 16IN ROUND DAMPER WITH MTG PLATE | D690A1051 | 1 | 243.07 | 38\% | \$150.70 |
| DM7600A1005 | HoNEYWELL | GIN D690A1002 W/HON NSR PROP ACT | DM7600A1005 | 1 | 450.55 | 38\% | \$279.34 |
| DM7600A1013 | HONEYWELL | 8IN D690A1010 W/HON NSR PROP ACT | DM7600A1013 | 1 | 457.28 | 38\% | \$283.51 |
| DM7600A1021 | HONEYWELL | 10IN D690A1028 W/HON NSR PROP ACT | DM7600A1021 | 1 | 463.58 | 38\% | \$287.42 |
| DM7600A1039 | HONEYWELL | 12IN D690A1036 W/HON NSR PROP ACT | DM7600A1039 | 1 | 482.88 | 38\% | \$299.39 |
| DM7600A1047 | HONETWELL | 14IN D690A1044 W/HON NSR PROP ACT | DM7600A1047 | 1 | 527.60 | 38\% | \$327.11 |
| DM7600A1054 | HONEYWELL | 16IN D690A1051 W/HON NSR PROP ACT | DM7600A1054 | 1 | 540.03 | 38\% | \$334.82 |
| DM760081004 | Honerwell | 6IN D690A1002 W/HON NSR FLOAT ACT | DM760081004 | 1 | 357.95 | 38\% | \$221.93 |
| DM760081012 | HONEYWELL | BIN D690A1010 W/HON NSR FLOAT ACT | DM760081012 | 1 | 364.70 | 38\% | \$226.11 |
| DM760081046 | Honerwell | 14IN D690A1044 W/HON NSR FLOAT ACT | DM760081046 | 1 | 430.91 | 38\% | \$267.16 |
| DM760081053 | HONEYWELL | 16 IN D690A1051 W/HON NSR FLOAT ACT | DM760081053 | 1 | 443.35 | 38\% | \$274.88 |
| KA-175-2T | HONEYWELL | 175 IN-LB, NSR, 2-POS/TRI-STATE (FLOATING) | KA-175-2T | 1 | 279.00 | 38\% | \$172.98 |
| KA-175-P | HONETWELL | 175 IN-LB, NSR, PROPORTIONAL | KA-175-P | 1 | 378.92 | 38\% | \$234.93 |
| KA-301-2T | HONEYWELL | 301 IN-LB, NSR, 2-POS/TRI-STATE (FLOATING) | KA-301-2T | 1 | 372.37 | 38\% | \$230.87 |
| KA-301-P | Honerwell | 301 IN-LB, NSR, PROPORTIONAL | KA-301-P | 1 | 497.05 | 38\% | \$308.17 |
| KA-35-P | HoNEYWELL | ACTUATOR 35 IN-LB NSR PROP | 32005238-001 | 1 | 203.97 | 38\% | \$126.46 |
| KA-35-VAV | HONEYWELL | 2 2PS 3IIN-LB NSR floating | 32005238-003 | 1 | 106.97 | 38\% | \$66.32 |
| KA-44-2T | HONEYWELL | 44 IN-LB, NSR, 2-POS/TRI-STATE (FLOATING) | KA-44-2T/U | 1 | 130.07 | 38\% | \$80.64 |
| KA-44-M | HONEYWELL | 44 IN-LB, NSR, MOD. (PROP \& TRI-STATE) | KA-44-M/U | 1 | 202.30 | 38\% | \$125.43 |
| KA-70-P | HONEYWELL | ACTUATOR 70 IN-LB NSR PROP | 32005238-002 | 1 | 267.00 | 38\% | \$165.54 |
| KA-88-2T | HONEYWELL | 88 IN-LB, NSR, 2-POS/TR1-STATE (FLOATING) | KA-88-2T/U | 1 | 193.59 | 38\% | \$120.03 |
| KA-88-M | Honerwell | 88 IN-LB, NSR, MOD. (PROP \& TRI-STATE) | KA-88-M/U | 1 | 253.07 | 38\% | \$156.90 |
| KAS-175-120 | HoNEYWELL | 175 IN-LB, SR, 2-POS, 120VAC | 32007304-013 | 1 | 435.97 | 38\% | \$270.30 |
| KAS-175-2 | HONEYWELL | 175 IN-LB, SR, 2 -POS, 24VAC | 32007304-005 | 1 | 376.97 | 38\% | \$233.72 |
| KAS-175-M | HONEYWELL | 175 IN-LB, SR, MOD (PROP \& TRI-STATE) | 32007304006 | 1 | 518.97 | 38\% | \$321.76 |
| KAS-27-2 | HONEYWELL | $27 \mathrm{IN-LB}, \mathrm{SR}, 2$ Pos, 24 VAC | MS8103A1038 | 1 | 247.97 | 38\% | \$153.74 |
| KAS-27-2-120 | HONETWELL | 27 IN-LB, SR, 2 POS, 120 VAC | MS4103A1038 | 1 | 272.97 | 38\% | \$169.24 |
| KAS-27-2-120-15 | HONEYWELL | $27 \mathrm{IN-LB}$, SR, 2 POS, 120 VAC SPDT SW | MS4103A1138 | 1 | 320.97 | 38\% | \$199.00 |
| KAS-27-2-15 | HONEYWELL | 27 IN-LB, SR, 2 POS, 24VAC SPDT SW | M58103A1138 | 1 | 295.97 | 38\% | \$183.50 |
| KAS-27-M | HONETWELL | $27 \mathrm{IN-LB}$, , SR, $2-10 \mathrm{VDC} \mathrm{MOD}, 24 \mathrm{VAC},(0) 2-10 \mathrm{VDC} \mathrm{FB}$ | MS7503A2038 | 1 | 344.97 | 38\% | \$213.88 |
| KAS-27-M-15 | Honerwell | $27 \mathrm{IN}-\mathrm{B}, \mathrm{SR}, 2-10 \mathrm{VDC}$ MOD, 24 VAC SPDT SW | MS7503A2138 | 1 | 395.97 | 38\% | \$245.50 |
| KAS-44-120 | HONEYWELL | 44 IN-LB, SR, 2 POS, 120 VAC | MS4105A1038 | 1 | 287.97 | 38\% | \$178.54 |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HNAC Equipment in a building or faciility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Istilled], Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (YAP), and/or other similar device, which utilize certain scols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installaion, systems gration, or maintenance of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs . wers, water fountains, water heaters hot water tanks, garbage disposa
2. General Ductwork, Piping, etc. shall not be obtained on these contracts.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased rom these contracts for any other purposes, including, but not imited to
A. General Purpose IT, Telecommumications, Networking Cabing, Fiber Optics (e.g. phone, pbx, digital centrex, digital key systems, television, cable, T-Line, general broadband,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely us
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

|  |  |  |  | arranty Period - \# of year(s) a |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | List Picee | \% Discount | NYS Nat Pites |
| KAS-44-120-15 | HONEYWELL | 44 IN-LB, SR, 2 POS, 120 VAC SPDT SW | MS4105A1138 | 1 | 337.97 | 38\% | \$209.54 |
| KAS-44-2 | honerwell | $44 \mathrm{IN-LB}, \mathrm{SR}, 2-\mathrm{POS}$, 24VAC | M58105A1038 | 1 | 248.97 | 38\% | \$154.36 |
| KAS-44-2-15 | honerwell | 44 IN-LB, SR, 2 Pos, 24 VAC SPDT SW | M58105A1138 | 1 | 312.97 | 38\% | \$194.04 |
| KAS-44-M | honerwell | 44 IN-LB, SR, MOD (PROP \& TRI-STATE) | MS7505A2038 | 1 | 347.97 | 38\% | \$215.74 |
| KAS-44-M-15 | honerwell | 44 IN-LB, SR, 2-10 VDC MOD, 24 VAC SPDT SW | MS7505A2138 | 1 | 413.97 | 38\% | \$256.66 |
| KAS-88-120 | honerwell | $888 \mathrm{IN}-\mathrm{LB}, \mathrm{SR}, 2-\mathrm{POS}, 120 \mathrm{VAC}$ | 32007304-012 | 1 | 339.97 | 38\% | \$210.78 |
| KAS-88-2 | Honerwell | 88 IN-LB, SR, 2-POS, 24VAC | 32007304-003 | 1 | 274.97 | 38\% | \$170.48 |
| KAS-88-M | honerwell | 88 IN-LB, SR, MOD (PROP \& TRI-STATE) | 32007304-004 | 1 | 383.97 | 38\% | \$238.06 |
| M4185A1001 | honerwell | 60 In/LS SPRING RETURN ACTUATOR | M4185A1001 | 1 | 863.69 | 38\% | \$535.49 |
| M6184A1015 | honerwell | ACTUATOR, NSR, 150 In LBS, FLTG, 24VAC | M6184A1015 | 1 | 949.32 | 38\% | \$588.58 |
| M6184A1023 | honerwell | VALVE DMPR ACT FLOATING 120 V | M6184A1023 | 1 | 1029.42 | 38\% | \$638.24 |
| M6184D1035 | honerwell | ACT.FLOATING 24 V 60 SEC. 160 D | M618401035 | 1 | 960.25 | 38\% | \$595.36 |
| M6194E1006 | honerwell | ACT. Floating ctrl 300 Lbs.in. | M6194E1006 | 1 | 1422.22 | 38\% | \$881.78 |
| M6284D1000-S | honerwell | MOD MOTOR, 24VAC, 90-160 | M6284D1000-S | 1 | 1126.52 | 38\% | \$698.44 |
| M7284A1004 | honerwell | ACTUATOR, NSR, 150 IN-LBS, PROP, 120VAC | M7284A1004 | 1 | 1437.81 | 38\% | \$891.44 |
| M7284A1079 | honerwell | $24 \mathrm{~V} 50 / 60 \mathrm{HZ} 20 \mathrm{VA} 2$-10 VDC | M7284A1079 | 1 | 1492.92 | 38\% | \$925.61 |
| M7285A1003 | honerwell | ACTUATOR PROP. SPRING RETURN | M7285A1003 | 1 | 1612.64 | 38\% | \$999.84 |
| M8185D1006 | honerwell | ACT SR NC 24VAC 2POS W/ADAPTER | M8185D1006 | 1 | 798.99 | 38\% | \$495.37 |
| M9164D1009 | honerwell | V/D ACTUATOR, PROP, 24 VAC | M9164D1009 | 1 | 994.67 | 38\% | \$616.70 |
| M9184D1021 | honerwell | ACTUATOR, NSR, 150 IN-LBS, 135 OHM CTRL, 24VAC | M9184D1021 | 1 | 1368.26 | 38\% | \$848.32 |
| M9185A1018 | honerwell | ACTUATOR, SR, 60 IN-LLSS, 135 OHM CTRL, 24VAC | M9185A1018 | 1 | 1509.73 | 38\% | \$936.03 |
| M9185D1004 | honerwell | ACTUATOR PROP. SPRING RETURN | M9185D1004 | 1 | 1525.13 | 38\% | \$945.58 |
| M9194D1003 | honerwell | ACtUATOR, 24VAC,300in lbs, 160 DEG AdJ Stroke | M9194D1003 | 1 | 1532.86 | 38\% | \$950.37 |
| ML4115A1009 | honerwell | FIRE/SMK ACT., 30 IN-LB, 120V, SR-CCW | ML4115A1009 | 1 | 411.96 | 38\% | \$255.42 |
| ML4115B1008 | Honerwell | FIRE/SMK ACT., 30 IN-LB, 120V, SR-CW | ML4115B1008 | 1 | 388.32 | 38\% | \$240.76 |
| ML6161A2009 | honerwell | D.C. ACT. STANDARD W/CLUTCH | ML6161A2009 | 1 | 147.97 | 38\% | \$91.74 |
| ML6161A2017 | honerwell | ACTUATOR 7 MIN TIMING W/DECLut | ML6161A2017 | 1 | 151.97 | 38\% | \$94.22 |
| ML616182024 | Honerwell | FLOATING/2POS ACT 35in-LB NSR | ML616132024 | 1 | 132.97 | 38\% | \$82.44 |
| ML616182032 | honerwell | NSR 35 IN-LB W/DECLUTCH, 7 MIN | ML616132032 | 1 | 134.97 | 38\% | \$83.68 |
| ML616182073 | honerwell | NSR 35IN-LB W/DECLUTCH, 3 MIN | ML616132073 | 1 | 139.97 | 38\% | \$86.78 |
| ML617482019 | honerwell | FLOATING 2POS ACT. NSR 70in-LB | ML617482019 | 1 | 207.97 | 38\% | \$128.94 |
| ML7161A2008 | honerwell | MOD. 2-10V ACT. NSR 35 IN-LB | ML7161A2008 | 1 | 217.97 | 38\% | \$135.14 |
| ML7174A2001 | honerwell | MODU. $2-10 \mathrm{~V}$ ACT. NSR 70in-LB | ML7174A2001 | 1 | 296.97 | 38\% | \$184.12 |
| ML8115A1005 | HONETWELL | FIRE/SMK ACT., 30 IN-LB, 24V, SR-CCW | ML8115A1005 | 1 | 402.01 | 38\% | \$249.25 |
| ML8115B1004 | Honerwell | FIRE/SMK ACT., 30 IN-LB, 24V, SR-CW | ML8115B1004 | 1 | 402.01 | 38\% | \$249.25 |
| MN6105A1011 | honerwell | 44 IN-LB, NSR, 2-POS/FLOAT CONTROL | MN6105A1011 | 1 | 145.97 | 38\% | \$90.50 |
| MN6105A1201 | honerwell | 44 IN-LB, NSR, 2-POS/FLOAT W/INT. AUX. SW | MN6105A1201 | 1 | 224.97 | 38\% | \$139.48 |
| MN6105W1011 | honerwell | 44 IN-LB, NSR, 2-POS/FLT, WHIPS | MN6105W1011 | 1 | 173.85 | 38\% | \$107.79 |
| MN6110A1003 | honerwell | 88 IN-LB, NSR, 2-POS/FLOAT CONTROL | MN6110A1003 | 1 | 201.97 | 38\% | \$125.22 |
| MN6110A1201 | honerwell | 88 IN-LB, NSR, 2-POS/FLOAT W/INT. AUX. SW | MN6110A1201 | 1 | 305.16 | 38\% | \$189.20 |
| MN6120A1002 | honerwell | 175 IN-LB, NSR, 2 -POS/FLOAT CONTROL | MN6120A1002 | 1 | 316.58 | 38\% | \$196.28 |
| MN6120A1200 | honerwell | 175 IN-LB, NSR, 2-POS/FLT, AUX SW | MN6120A1200 | 1 | 374.97 | 38\% | \$232.48 |
| MN6134A1003 | honerwell | 300 IN-LB, NSR, 2 -POS/FLOAT CONTROL | MN6134A1003 | 1 | 446.12 | 38\% | \$276.59 |
| MN7220A2007 | honerwell | 175 IN-LB, NSR, PROP. CONTROL | Mn7220A2007 | 1 | 416.97 | 38\% | \$258.52 |
| MN7220A2205 | honerwell | 175 IN-LB, NSR, PROP., AUX SW | MN7220A2205 | 1 | 466.97 | 38\% | \$289.52 |
| MN7505A2001 | honerwell | 44 IN-LB, NSR, MOD. (PROP/FLT) CONTROL | MN7505A2001 | 1 | 221.97 | 38\% | \$137.62 |
| MN7505A2209 | honerwell | 44 IN-LB, NSR, MOD. (PROP/FLT) W/INT. AUX. SW. | MN7505A2209 | 1 | 281.97 | 38\% | \$174.82 |
| MN7505W2001 | honerwell | 44 IN-LB, NSR, MOD.(PROP/FLT), WHIPS | MN7505W2001 | 1 | 256.87 | 38\% | \$159.26 |
| MN7510A2001 | Honerwell | 88 IN-LB, NSR, MOD. (PROP/FLT) CONTROL | MN7510A2001 | 1 | 299.35 | 38\% | \$185.60 |
| MN7510A2209 | honerwell | 88 IN-LB, NSR, MOD.(PROP/FLT), AUX SW | Mn7510A2209 | 1 | 371.02 | 38\% | \$230.03 |
| MS4103A1030 | honerwell | 27 IN-LB, SR, 2 POS, 120 VAC | MS4103A1030 | 1 | 310.22 | 38\% | \$192.34 |
| ms4103A1130 | honerwell | 27 IN-LB, SR, 2 PoS, 120 VAC SPDT Sw | MS4103A1130 | 1 | 364.17 | 38\% | \$225.79 |
| MS4105A1030 | honerwell | 44 IN-LB, SR, 2 POS, 120 VAC | MS4105A1030 | 1 | 342.63 | 38\% | \$212.43 |
| MS4105A1130 | honerwell | $44 \mathrm{IN}-\mathrm{LB}$, SR, 2 Pos, 120 VAC SPDT SW | MS4105A1130 | 1 | 401.54 | 38\% | \$248.95 |
| MS4110A1002 | honerwell | 88 IN-LB, SR, 2-POS., 120 VAC | MS4110A1002 | 1 | 407.82 | 38\% | \$252.85 |
| MS4110A1200 | Honerwell | 88 IN-LB, SR, 2 -POS., 120 VAC W/INT. AUX. SW | MS4110A1200 | 1 | 484.97 | 38\% | \$300.68 |
| MS4120A1001 | honerwell | 175 IN-LB, SR, 2-POS., 120 VAC | MS4120A1001 | 1 | 467.97 | 38\% | \$290.14 |
| MS4120A1209 | honerwell | 175 IN-LB, SR, 2-POS., 120 VAC W/INT. AUX. SW | MS4120A1209 | 1 | 554.97 | 38\% | \$344.08 |
| MS4120FF1006 | honerwell | FIRE/SMK ACT., 175 IN-LB, 120V | MS4120F1006 | 1 | 640.97 | 38\% | \$397.40 |
| MS4120F1204 | honerwell | FIRE/SMK ACT., 175 IN-LB, 120V, 2 AUX. SW. | MS4120F1204 | 1 | 729.02 | 38\% | \$451.99 |
| MS4209F1007 | honerwell | FIRE/SMK ACT., 80 IN-LB, 120V, SR-CW, LEADS | MS4209F1007 | 1 | 507.47 | 38\% | \$314.63 |
| MS4309F1005 | honerwell | FIRE/SMK ACT., 80 IN-LB, 120V, SR-CCW, LEADS | MS4309F1005 | 1 | 507.47 | 38\% | \$314.63 |
| MS4620F1005 | HONETWELL | FIRE/SMK ACT., 175 IN-LB, 230V | MS4620F1005 | 1 | 740.33 | 38\% | \$459.00 |
| MS4620F1203 | Honerwell | FIRE/SMK ACT., 175 IN-LB, 230V, 2 AUX. SW. | MS4620F1203 | 1 | 819.13 | 38\% | \$507.86 |
| MS4709F1014 | honerwell | FIRE/SMK ACT., 80 IN-LB, 230V, SR-CW, CABLE | MS4709F1014 | 1 | 616.58 | 38\% | \$382.28 |
| MS4809F1012 | honerwell | FIRE/SMK ACT., 80 IN-LB, 230V, SR-CCW, CABLE | MS4809F1012 | 1 | 616.58 | 38\% | \$382.28 |
| MS7503A2030 | honerwell | $27 \mathrm{IN-LB}$, SR, $2-10 \mathrm{VDC} \mathrm{MOD}$, | MS7503A2030 | 1 | 394.65 | 38\% | \$244.68 |
| MS7503A2130 | honerwell | 27 IN-LB, SR, 2-10 VDC MOD, 24 VAC SPDT SW | MS7503A2130 | 1 | 448.93 | 38\% | \$278.34 |
| MS7505A2030 | honerwell | $44 \mathrm{IN-LB}$, , SR, $2-10 \mathrm{VDC} \mathrm{MOD}$, | MS7505A2030 | 1 | 402.53 | 38\% | \$249.57 |
| MS7505A2130 | HONETWELL | 44 IN-LB, SR, 2-10 VDC MOD, 24 VAC SPDT SW | MS7505A2130 | 1 | 460.08 | 38\% | \$285.25 |
| MS7505W2030 | honerwell | 44 IN-LB, SR, MOD.(PROP/FLT), WHIPS | MS7505W2030 | 1 | 422.53 | 38\% | \$261.97 |
| MS7505W2130 | honerwell | 44 IN-LB, SR, MOD.(PROP/FLT), AUX, WHiPS | MS7505W2130 | 1 | 495.19 | 38\% | \$307.02 |
| MS7510A2008 | honerwell | 88 IN-LB, SR, MOD. (PROP/FLT) CONTROL | MS7510A2008 | 1 | 451.97 | 38\% | \$280.22 |
| MS7510A2206 | honerwell | 88 IN-LB, SR, MOD. (PROP/FLT) W/INT. AUX. SW | MS7510A2206 | 1 | 505.97 | 38\% | \$313.70 |
| MS7520A2007 | honerwell | 175 IN-LB, SR, MOD. (PROP/FLT) CONTROL | MS7520A2007 | 1 | 546.97 | 38\% | \$339.12 |
| MS7520A2205 | honerwell | 175 IN-LB, SR, MOD. (PROP/FLT) W/INT. AUX. SW | MS7520A2205 | 1 | 612.97 | 38\% | \$380.04 |
| MS8103A1030 | honerwell | 27 IN-LB, SR, 2 POS, 24 VAC | M58103A1030 | 1 | 263.97 | 38\% | \$163.66 |
| MS8103A1130 | honerwell | 27 IN-LB, SR, 2 POS, 24VAC SPDT SW | MS8103A1130 | 1 | 336.11 | 38\% | \$208.39 |
| M58105A1030 | Honerwell | 44 IN-LB, SR, 2 POS, 24VAC | MS8105A1030 | 1 | 300.98 | 38\% | \$186.61 |
| M58105A1130 | honerwell | 44 IN-LB, SR, 2 Pos, 24 VAC SPDT SW | M58105A1130 | 1 | 357.77 | 38\% | \$221.82 |
| M58105W1030 | honerwell | $44 \mathrm{IN}-\mathrm{LB}, \mathrm{SR}, 2$-PPS. 2 24VAC, WHiPS | MS8105W1030 | 1 | 318.50 | 38\% | \$197.47 |
| M58105W1130 | honerwell | 44 IN-LB, SR, 2-POS.,24V, AUX SW, WHIPS | M58105W1130 | 1 | 393.66 | 38\% | \$244.07 |
| MS810A1008 | honerwell | 88 IN-LB, SR, 2 -POS., 24 VAC | M58110A1008 | 1 | 322.97 | 38\% | \$200.24 |
| MS810A1206 | honerwell | 88 IN-LB, SR, 2-POS., 24 VAC W/INT. AUX. SW | MS8110A1206 | 1 | 400.97 | 38\% | \$248.60 |
| M58120A1007 | Honerwell | 175 IN-LB, SR, 2-POS., 24 VAC | M58120A1007 | 1 | 406.97 | 38\% | \$252.32 |
| M58120A1205 | honerwell | 175 IN-LB, SR, 2-POS., 24 VAC W/INT. AUX. SW | MS8120A1205 | 1 | 475.97 | 38\% | \$295.10 |
| MS8120F1002 | honerwell | FIRE/SMK ACT., 175 IN-LB, 24 V | M58120F1002 | 1 | 592.00 | 38\% | \$367.04 |
| MS8120F1200 | honerwell | FIRE/SMK ACT., 175 IN-LB, $24 \mathrm{~V}, 2$ AUX. SW. | M58120F1200 | 1 | 664.11 | 38\% | \$411.75 |
| MS8209F1003 | honerwell | FIRE/SMK ACT., 80 IN-LB, 24V, SR-CW, LEADS | M58209F1003 | 1 | 486.00 | 38\% | \$301.32 |
| M58309F1001 | honerwell | FIRE/SMK ACT., 80 IN-LB, 24V, SR-CCW, LEADS | M58309F1001 | 1 | 524.59 | 38\% | \$325.25 |
| STRN-BRKT | HONETWELL | ANTI ROTATION BRACKET FOR 27, 44 IN-LB | STRN-BRKT | 1 | 12.12 | 38\% | \$7.51 |
| STRN-CA-02 | honerwell | CRANK ARM SELF Centering for 27, 44 In-Lb | STRN-CA-02 | 1 | 28.52 | 38\% | \$17.68 |
| STRN-CRK-01 | honerwell | CRANK ARM KIT FOR 27, 44 In-Lb Act | STRN-CRK-01 | 1 | 49.97 | 38\% | \$30.98 |
| STRN-ECONO-01 | Honerwell | ECONOMIZER RETROFIT KIT FOR 27, 44 In-Lb Act | STRN-ECONO-01 | 1 | 73.33 | 38\% | \$45.46 |
| STRN-SCSA | honerwell | SELF Centering Shaft AdAPTER FOR 27, 44 In-Lb | STRN-SCSA | 1 | 23.78 | 38\% | \$14.74 |
| STRN-WMK-01 | honerwell | WALL MOUNT KIT For 27, 44 In-Lb ACT | STRN-wMk-01 | 1 | 58.25 | 38\% | \$36.12 |
| Sw2 | honerwell | AUX SWITCH FOR KA-175/301, KAS-88/175 | sw2-US/U | 1 | 169.38 | 38\% | \$105.02 |
| 0901786A | honerwell | PACKING KIT FOR V5011N/13N | 0901786A | 1 | 87.28 | 38\% | \$54.11 |
| 14003294-004 | honerwell | TRADELINE KIT FOR V5011,V5013 1/2 THRU1-1/4 WATER | 14003294-004 | 1 | 138.28 | 38\% | \$85.73 |
| 14003295-004 | Honerwell | VaLVE REPACK KIT - 3/8in STEM | 14003295-004 | 1 | 173.96 | 38\% | \$107.86 |
| 14003296-002 | honerwell | Valve repack $1 / 2$ In Stem 4in-gin | 14003296-002 | 1 | 120.88 | 38\% | \$74.95 |
| 220738A | honerwell | H'WELL ADAPTER BRACKET | 220738 A | 1 | 61.10 | 38\% | \$37.88 |
| 32004629-003 | honerwell | ADAPTOR VG7000 in-2in Valves | 32004629-003 | 1 | 190.17 | 38\% | \$117.91 |
| 32004629-004 | honerwell | ADAPTOR VB7000 1/2in-2in VALVES | 32004629-004 | 1 | 169.02 | 38\% | \$104.79 |
| 40007029-002 | HoNerwell | kVC CARTRIDGE TOOL | 40007029-002 | 1 | 5.76 | 38\% | \$3.57 |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HAC Equipment in a building or faciility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted Inctadledl Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain procols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned distal an, systems integration, or maintenance of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs owers, water fountains, water heaters hot water tanks, garbage disposa
2. General Ductwork, Piping, etc. shall not be obtained on these contracts.
Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
A. General Purpose IT, Telecommunications, Networking Cabling, Fiber Optics (eg, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
A. General Purpose ${ }^{\text {B. }}$.

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Istlled], Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integra
products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain procols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance; and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenance of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs . wers, water fountains, water heaters hot water tanks, garbage disposa
2. General Ductwork, Piping, etc. shall not be obtained on these contracts.
Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, ec. to be purchased from these contracts for any oner purposes, including, but not imited to
A. General Purpose 1

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Inctled] Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintena ce of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
2. General Ductwork, Piping, etc. shall not be obtained on these contracts.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
B. General Purpose IT, Telecommunications, Networking Cabing, Fiber Optics (e.g. phone, pbx, digital centrex, digital key systems, television, cable, T-Line, general broadband,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' $\mathbf{l}$ location in the event of a fire or emergency.

|  |  | on |  | $\begin{gathered} \text { "Warranty Period - \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54 \text { " } \end{gathered}$ | List Price | \% Discoum | NvS Nal Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| VRN2CF3SFX/U | HONEYWELL | 1IN NPT, PICV, 4.0 GPM, VALVE ONLY, SST, 2 TP | VRN2CF3SFX/U | 1 | 608.13 | 38\% | \$377.04 |
| VRN2CG3DFX/U | HONEYWELL | 1 IN NPT, PICV, $5.0 \mathrm{GPM}, 2$ TP, VALVE ONLY | VRN2CG3DFy/U | 1 | 494.39 | 38\% | \$306.52 |
| VRN2CG35FX/U | HONEYWELL | 1IN NPT, PICV, 5.0 GPM, VALVE ONLY, SST, 2 TP | VRN2CG35FXJU | 1 | 608.13 | 38\% | \$377.04 |
| VRN2CH3SFX/U | HONEYWELL | 1 IIN NPT, PICV, 6.0 GPM, VALVE ONLY, SST, 2 TP | VRN2CH3SFX/U | 1 | 608.13 | 38\% | \$377.04 |
| VRN2C33DFX/U | HONEYWELL | 1 IN NPT, PICV, $7.0 \mathrm{GPM}, 2$ TP, VALVE ONLY | vRN2CJ3DEX/U | 1 | 494.39 | 38\% | \$306.52 |
| VRN2CI3SFX/U | HONETWELL | 1 IIN NPT, PICV, 7.0 GPM, VALVE ONLY, SST, 2 TP | VRN2C335FX/U | 1 | 608.13 | 38\% | \$377.04 |
| VRN2CK3DFX/U | HONETWELL | 1 IN NPT, PICV, 8.0 GPM, 2 TP, VALVE ONLY | VRN2CK3DFXJU | 1 | 494.39 | 38\% | \$306.52 |
| VRN2CK35FX/U | HONEYWELL | 1 IIN NPT, PICV, 8.0 GPM, VALVE ONLY, SST, 2 TP | VRN2CK3SFX/U | 1 | 608.13 | 38\% | \$377.04 |
| VRN2CL3DFX/U | HONEYWELL | 1 IN NPT, PICV, 9.0 GPM, 2 TP, VALVE ONLY | VRN2CLISPX/U | 1 | 494.39 | 38\% | \$306.52 |
| VRN2CM3FFXJU | HoNEYWELL | 1 IN NPT, PICV, 10 GPM, VALVE ONLY, SST, 2 TP | VRN2CM3SFXJU | 1 | 677.24 | 38\% | \$419.89 |
| VRN2CN3SFX/U | HONEYWELL | 1 IN NPT, PICV, 15 GPM, VALVE ONLY, SST, 2 TP | VRN2CN3SFX/U | 1 | 677.24 | 38\% | \$419.89 |
| VRN2CP3SFX/U | HONEYWELL | 1 IN NPT, PICV, 20 GPM, VALVE ONLY, SST, 2 TP | VRN2CP3SFX/U | 1 | 677.24 | 38\% | \$419.89 |
| VRN2DM3DFX/U | HONEYWELL | 1-1/4İIN NPT, PICV, 10 GPM, 2 TP, VaLVE ONLY | VRN2DM3DFX/U | 1 | 898.08 | 38\% | \$556.81 |
| VRN2DM3FFXJU | HONEYWELL | 1-1/IIN NPT, PICV, 10 GPM, VALVE ONLY, SST, 2 TP | VRN2DM3SFX/U | 1 | 1104.61 | 38\% | \$684.86 |
| VRN2DN3DFXJU | HONEYWELL | 1-1/4İIN NPT, PICV, 15 GPM, 2 TP, VALVE ONLY | VRN2DN3DFX/U | 1 | 898.08 | 38\% | \$556.81 |
| VRN2DN3FFX/U | HONEYWELL | 1-1/4IN NPT, PICV, 15 GPM, VALVE ONLY, SST, 2 TP | VRN2DN3SFXIU | 1 | 1104.61 | 38\% | \$684.86 |
| VRN2DP3DFX/U | Honerwell | 1-1/4İIN NPT, PICV, 20 GPM, 2 TP, VaLVE ONLY | VRN2DP3DFX/U | 1 | 898.08 | 38\% | \$556.81 |
| VRN2DP3SFX/U | HONEYWELL | 1-1/4IN NPT, PICV, 20 GPM, VALVE ONLY, SST, 2 TP | VRN2DP3SFX/U | 1 | 1104.61 | 38\% | \$684.86 |
| VRN2DQ3FFx/U | HONEYWELL | 1-1/4IN NPT, PICV, 25 GPM, VALVE ONLY, SST, 2 TP | VRN2DQ3SFXIU | 1 | 1104.61 | 38\% | \$684.86 |
| VRN2DR3DFXJU | Honerwell | 1-1/4İ NPT, PICV, $30 \mathrm{GPM}, 2 \mathrm{TP}$, VaLVE ONLY | vRN2DR3DEXJU | 1 | 898.08 | 38\% | \$556.81 |
| VRN2DR3SFX/U | HONETWELL | 1-1/4IN NPT, PICV, 30 GPM, VALVE ONLY, SST, 2 TP | VRN2DR3SFXIU | 1 | 1104.61 | 38\% | \$684.86 |
| VRN2DS35FX/U | HONEYWELL | 1-1/4IN NPT, PICV, 35 GPM , VALVE ONLY, SST, 2 TP | VRN2DS3SFXIU | 1 | 1104.61 | 38\% | \$684.86 |
| VRN2E13SFX/U | HONEYWELL | 1-1/2IN NPT, PICV, 50 GPM, VALVE ONLY, SST, 2 TP | VRN2E13SFX/U | 1 | 1326.07 | 38\% | \$822.16 |
| VRN2EM3DFXJU | HONEYWELL | 1-1/2IN NPT, PICV, 10 GPM, 2 TP, VaLVE ONLY | VRN2EM3DEX/U | 1 | 1020.37 | 38\% | \$632.63 |
| VRN2EM3SFXJU | HoNEYWELL | 1-1/2IN NPT, PICV, 10 GPM, VALVE ONLY, SST, 2 TP | VRN2EM3SFX/U | 1 | 1255.04 | 38\% | \$788.12 |
| VRN2EP3DFX/U | HONEYWELL | 1-1/2IN NPT, PICV, 20 GPM, 2 TP, VALVE ONLY | VRN2EP3DFX/U | 1 | 1020.37 | 38\% | \$632.63 |
| VRN2ER3DFX/U | HONETWELL | 1-1/2IN NPT, PICV, 30 GPM, 2 TP, VALVE ONLY | VRN2ER3DFX/U | 1 | 1020.37 | 38\% | \$632.63 |
| VRN2ER3SFX/U | HONETWELL | 1-1/2IN NPT, PICV, 30 GPM, VALVE ONLY, SST, 2 TP | VRN2ER3SFX/U | 1 | 1255.04 | 38\% | \$778.12 |
| VRN2ES3DFX/U | HONEYWELL | 1-1/2IN NPT, PICV, $35 \mathrm{GPM}, 2$ TP, VALVE ONLY | VRN2ES3DFXIU | 1 | 1135.00 | 38\% | \$703.70 |
| VRN2ES35FX/U | HONEYWELL | 1-1/2IN NPT, PICV, 35 GPM, VALVE ONLY, SST, 2 TP | VRN2ES33FX/U | 1 | 1326.07 | 38\% | \$822.16 |
| VRN2ET3DFX/U | HONEYWELL | 1-1/2IN NPT, PICV, 40 GPM, 2 TP, VaLVE ONLY | VRN2ET3DFX/U | 1 | 1135.00 | 38\% | \$703.70 |
| vRN2ET3SFX/U | Honerwell | 1-1/2IN NPT, PICV, 40 GPM, VALVE ONLY, SST, 2 TP | VRN2ET3FFX/U | 1 | 1326.07 | 38\% | \$822.16 |
| VRN2EU3SFX/U | HONEYWELL | 1-1/2IN NPT, PICV, 45 GPM, VALVE ONLY, SST, 2 TP | VRN2EU3SFXJU | 1 | 1326.07 | 38\% | \$822.16 |
| VRN2F13DEX/U | HONEYWELL | 2 IN NPT, PICV, 50 GPM, 2 TP, VALVE ONLY | VRN2F13DFX/U | 1 | 1253.46 | 38\% | \$777.15 |
| VRN2F13SFX/U | HONETWELL | 2 IN NPT, PICV, 50 GPM, VALVE ONLY, SST, 2 TP | VRN2F13SFX/U | 1 | 1541.80 | 38\% | \$955.92 |
| VRN2F23DFX/U | HONEYWELL | 2 IN NPT, PICV, 55 GPM, 2 TP, VALVE ONLY | VRN2F23DFX/U | 1 | 1253.46 | 38\% | \$777.15 |
| VRN2F23SFX/U | HONEYWELL | 2 IN NPT, PICV, 55 GPM, VALVE ONLY, SST, 2 TP | VRN2F23SFX/U | 1 | 1541.80 | 38\% | \$955.92 |
| VRN2F33SFXJU | Honerwell | 2 IN NPT, PICV, 60 GPM, VALVE ONLY, SST, 2 TP | vRN2F33SFX/U | 1 | 1541.80 | 38\% | \$955.92 |
| VRN2F43SFXJU | HONEYWELL | 2 IN NPT, PICV, 65 GPM, VALVE ONLY, SST, 2 TP | VRN2F43SFX/U | 1 | 1541.80 | 38\% | \$955.92 |
| VRN2F53DFX/U | HONEYWELL | $2 I N$ NPT, PICV, 70 GPM, 2 TP, VALVE ONLY | VRN2F53DFX/U | 1 | 1253.46 | 38\% | \$777.15 |
| VRN2F53SFX/U | Honerwell | 2 IN NPT, Pricl, 70 GPM, VALVE ONLY, SST, 2 TP | VRN2F53SFx/U | 1 | 1541.80 | 38\% | \$955.92 |
| VRN2F63DFX/U | HONETWELL | 2IN NPT, PICV, 75 GPM, 2 TP, VALVE ONLY | VRN2F63DFX/U | 1 | 1253.46 | 38\% | \$777.15 |
| VRN2F63SFX/U | HONEYWELL | 2 IN NPT, PICV, 75 GPM, VALVE ONLY, SST, 2 TP | VRN2F63SFx/U | 1 | 1541.80 | 38\% | \$955.92 |
| VRN2FQ3DFX/U | HONEYWELL | 2 IN NPT, PICV, 25 GPM, 2 TP, VaLVE ONLY | VRN2FQ3DFX/U | 1 | 1253.46 | 38\% | \$777.15 |
| VRN2FQ3SFX/U | HONEYWELL | 2 IN NPT, PICV, 25 GPM, VALVE ONLY, SST, 2 TP | VRN2FQ3SFX/U | 1 | 1541.80 | 38\% | \$955.92 |
| VRN2FR3DFX/U | honerwell | 2 IN NPT, PICV, $30 \mathrm{GPM}, 2$ TP, VALVE ONLY | VRN2FR3DFXJU | 1 | 1253.46 | 38\% | \$777.15 |
| VRN2FS3DFX/U | HONEYWELL | 2 In NPT, PICV, $35 \mathrm{GPM}, 2$ TP, VaLVE ONLY | VRN2FSSDFX/U | 1 | 1253.46 | 38\% | \$777.15 |
| VRN2FS3SFX/U | HONEYWELL | 2 IN NPT, PICV, 35 GPM, VALVE ONLY, SST, 2 TP | VRN2FS3SFF/U | 1 | 1541.80 | 38\% | \$955.92 |
| VRN2FT3DEX/U | HONETWELL | 2IN NPT, PICV, 40 GPM, 2 TP, VALVE ONLY | VRN2FT3DFX/U | 1 | 1253.46 | 38\% | \$777.15 |
| VRN2FT3SFX/U | HONEYWELL | 2 IN NPT, PICV, 40 GPM, VALVE ONLY, SST, 2 TP | VRN2FT3SFX/U | 1 | 1541.80 | 38\% | \$955.92 |
| VRN2FU3DFX/U | HONEYWELL | 2 IN NPT, PICV, 45 GPM, 2 TP, VALVE ONLY | VRN2FU3DFXIU | 1 | 1253.46 | 38\% | \$777.15 |
| VRN2FU3SFX/U | HONEYWELL | 2 IN NPT, PICV, 45 GPM, VALVE ONLY, SST, 2 TP | VRN2FU3SFX/U | 1 | 1541.80 | 38\% | \$955.92 |
| VRN2G13DFX/U | Honerwell | 2-1/2IN NPT, PICV, 50 GPM, 2 TP, VaLVE ONLY | VRN2G13DFXJU | 1 | 1316.14 | 38\% | \$816.01 |
| VRN2G135FX/U | HONEYWELL | 2-1/2IN NPT, PICV, 50 GPM, VALVE ONLY, SST, 2 TP | VRN2613SFX/U | 1 | 1856.74 | 38\% | \$1,151.18 |
| VRN2623DFX/U | HONEYWELL | $2-1 / 2$ İN NPT, PICV, 55 GPM, 2 TP, VALVE ONLY | VRN2G23DFXJU | 1 | 1316.14 | 38\% | \$816.01 |
| VRN26235FX/U | HONETWELL | 2-1/2IN NPT, PICV, 55 GPM, VALVE ONLY, SST, 2 TP | VRN2G23SFX/U | 1 | 1856.74 | 38\% | \$1,151.18 |
| VRN2G33DFX/U | HONETWELL | 2-1/2IN NPT, PICV, 60 GPM, 2 TP, VALVE ONLY | VRN2G33DFX/U | 1 | 1316.14 | 38\% | \$816.01 |
| VRN2G335FX/U | HONEYWELL | 2-1/2IN NPT, PICV, 60 GPM, VALVE ONLY, SST, 2 TP | VRN2G335Fx/U | 1 | 1856.74 | 38\% | \$1,151.18 |
| VRN2G43DFX/U | HONEYWELL | 2-1/2IN NPT, PICV, 65 GPM, 2 TP, VaLVE ONLY | VRN2G43DFXJU | 1 | 1316.14 | 38\% | \$816.01 |
| VRN2G435FX/U | HONEYWELL | 2-1/2IN NPT, PICV, 65 GPM, VALVE ONLY, SST, 2 TP | VRN2G43SFX/U | 1 | 1856.74 | 38\% | \$1,151.18 |
| VRN2653DFX/U | HoNEYWELL | 2-1/2IN NPT, PICV, 70 GPM, 2 TP, VALVE ONLY | VRN2G53DFXJU | 1 | 1316.14 | 38\% | \$816.01 |
| VRN26535Fx/U | HONEYWELL | 2-1/2IN NPT, PICV, 70 GPM, VALVE ONLY, SST, 2 TP | VRN2G533Fx/u | 1 | 1856.74 | 38\% | \$1,151.18 |
| VRN2G63DFX/U | HONETWELL | 2-1/2IN NPT, PICV, 75 GPM, 2 TP, VALVE ONLY | VRN2G63DFX/U | 1 | 1316.14 | 38\% | \$816.01 |
| VRN2G635FX/U | HONETWELL | 2-1/2IN NPT, PICV, 75 GPM, VALVE ONLY, SST, 2 TP | VRN2G63SFx/U | 1 | 1856.74 | 38\% | \$1,151.18 |
| VRN2G730FX/U | HONEYWELL | 2-1/2IN NPT, PICV, 80 GPM, 2 TP, VALVE ONLY | VRN2G73DFXJU | 1 | 1316.14 | 38\% | \$816.01 |
| VRN2G735FX/U | HONEYWELL | 2-1/2IN NPT, PICV, 80 GPM, VALVE ONLY, SST, 2 TP | VRN2G73SFX/U | 1 | 1856.74 | 38\% | \$1,151.18 |
| VRN2G83DFX/U | honerwell | 2-1/2IN NPT, PICV, 85 GPM, 2 TP, VALVE ONLY | VRN2683DFXJU | 1 | 1316.14 | 38\% | \$816.01 |
| VRN26835FX/U | HONEYWELL | 2-1/2IN NPT, PICV, 85 GPM, VALVE ONLY, SST, 2 TP | VRN26835Fx/U | 1 | 1856.74 | 38\% | \$1,151.18 |
| VRN2G930FX/U | HONEYWELL | 2-1/2IN NPT, PICV, 95 GPM , 2 TP, VALVE ONLY | VRN2G93DFXJU | 1 | 1316.14 | 38\% | \$816.01 |
| VRN2G935FX/U | HONETWELL | 2-1/2IN NPT, PICV, 95 GPM, VALVE ONLY, SST, 2 TP | VRN2G935Fx/U | 1 | 1856.74 | 38\% | \$1,151.18 |
| VRN2GQ3DFXJU | HONEYWELL | 2-1/2IN NPT, PICV, $25 \mathrm{GPM}, 2$ TP, VALVE ONLY | VRN2GQ3DFX/U | 1 | 1316.14 | 38\% | \$816.01 |
| VRN2GQ3FFX/U | HONEYWELL | 2-1/2IN NPT, PICV, 25 GPM, VALVE ONLY, SST, 2 TP | VRN2GQ3SFX/U | 1 | 1856.74 | 38\% | \$1,151.18 |
| VRN2GR3SFX/U | HONEYWELL | 2-1/2IN NPT, PICV, 30 GPM, VALVE ONLY, SST, 2 TP | VRN2GR3SFXXU | 1 | 1856.74 | 38\% | \$1,151.18 |
| VRN2GS3DFX/U | Honerwell | 2-1/2IN NPT, PICV, $35 \mathrm{GPM}, 2$ TP, VALVE ONLY | VRN2GS3DFX/U | 1 | 1316.14 | 38\% | \$816.01 |
| VRN2GS35FX/U | HONEYWELL | 2-1/2IN NPT, PICV, 35 GPM, VALVE ONLY, SST, 2 TP | VRN2GS35FX/U | 1 | 1856.74 | 38\% | \$1,151.18 |
| vRN2GT3PFX/U | HONEYWELL | 2-1/2IN NPT, PICV, 40 GPM, 2 TP, VALVE ONLY | VRN2GT3DFX/U | 1 | 1316.14 | 38\% | \$816.01 |
| VRN2GT3SFX/U | HONETWELL | 2-1/2IN NPT, PICV, 40 GPM, VALVE ONLY, SST, 2 TP | VRN2GT3SFX/U | 1 | 1856.74 | 38\% | \$1,151.18 |
| VRN2GU3SFX/U | HONEYWELL | 2-1/2IN NPT, PICV, 45 GPM, VALVE ONLY, SST, 2 TP | VRN2GU3SFXIU | 1 | 1856.74 | 38\% | \$1,151.18 |
| VRN2H13DFX/U | HONEYWELL | 3in NPT, PICV, 50 GPM, 2 TP, VALVE ONLY | VRN2H13DFX/U | 1 | 1381.97 | 38\% | \$856.82 |
| VRN2H13SFX/U | HONEYWELL | 3IN NPT, PICV, 50 GPM, VALVE ONLY, SST, 2 TP | VRN2H13SFX/U | 1 | 1997.74 | 38\% | \$1,238.60 |
| VRN2H23DFX/U | HONEYWELL | 3IN NPT, PICV, 55 GPM, 2 TP, VALVE ONLY | VRN2H23DFX/U | 1 | 1381.97 | 38\% | \$856.82 |
| VRN2H235FX/U | HONEYWELL | 3IN NPT, PICV, 55 GPM, VALVE ONLY, SST, 2 TP | VRN2H23SFX/U | 1 | 1997.74 | 38\% | \$1,238.60 |
| VRN2H33DFX/U | HONEYWELL | 3IN NPT, PICV, 60 GPM, 2 TP, VALVE ONLY | VRN2H33DFXJU | 1 | 1381.97 | 38\% | \$856.82 |
| VRN2H335FX/U | HONETWELL | 3IN NPT, PICV, 60 GPM, VALVE ONLY, SST, 2 TP | VRN2H33SFX/U | 1 | 1997.74 | 38\% | \$1,238.60 |
| VRN2H43DFX/U | HONETWELL | 3IN NPT, PICV, 65 GPM, 2 TP, VALVE ONLY | VRN2H43DFX/U | 1 | 1381.97 | 38\% | \$856.82 |
| VRN2H435FX/U | HONEYWELL | 3IN NPT, PICV, 65 GPM, VALVE ONLY, SST, 2 TP | VRN2H43SFXJU | 1 | 1997.74 | 38\% | \$1,238.60 |
| VRN2H53DFX/U | HONEYWELL | 3in NPT, PICV, 70 GPM, 2 TP, VALVE ONLY | VRN2H53DFX/U | 1 | 1381.97 | 38\% | \$856.82 |
| VRN2H535FX/U | HONEYWELL | 3 IN NPT, PICV, 70 GPM, VALVE ONLY, SST, 2 TP | VRN2H53SFX/U | 1 | 1997.74 | 38\% | \$1,238.60 |
| VRN2H63DFX/U | Honerwell | 3in NPT, PICV, 75 GPM, 2 TP, VALVE ONLY | VRN2H63DFX/U | 1 | 1381.97 | 38\% | \$856.82 |
| VRN2H635FX/U | HONEYWELL | 3IN NPT, PICV, 75 GPM, VALVE ONLY, SST, 2 TP | VRN2H63SFx/U | 1 | 1997.74 | 38\% | \$1,238.60 |
| VRN2H73DFX/U | HONETWELL | 3IN NPT, PICV, 80 GPM, 2 TP, VALVE ONLY | VRN2H73DFX/U | 1 | 1381.97 | 38\% | \$856.82 |
| VRN2H735FX/U | HONETWELL | 3IN NPT, PICV, 80 GPM, VALVE ONLY, SST, 2 TP | VRN2H73SFX/U | 1 | 1997.74 | 38\% | \$1,238.60 |
| VRN2H83DFX/U | HONEYWELL | 3IN NPT, PICV, 85 GPM, 2 TP, VALVE ONLY | VRN2H83DFX/U | 1 | 1381.97 | 38\% | \$856.82 |
| VRN2H835FX/U | HONEYWELL | 3IN NPT, PICV, 85 GPM, VALVE ONLY, SST, 2 TP | VRN2H83SFX/U | 1 | 1997.74 | 38\% | \$1,238.60 |
| VRN2H93DFX/U | HoNEYWELL | 3IN NPT, PICV, 95 GPM , 2 TP, VALVE ONLY | VRN2H93DFX/U | 1 | 1381.97 | 38\% | \$856.82 |
| VRN2H935FX/U | HONEYWELL | 3IN NPT, PICV, 95 GPM, VaLVE ONLY, SST, 2 TP | VRN2H93SFX/U | 1 | 1997.74 | 38\% | \$1,238.60 |
| VRN2HQ3DFX/U | HONEYWELL | 3IN NPT, PICV, 25 GPM, 2 TP, VALVE ONLY | VRN2HQ3DFX/U | 1 | 1381.97 | 38\% | \$856.82 |
| VRN2HQ3SFX/U | HONETWELL | 3IN NPT, PICV, 25 GPM, VALVE ONLY, SST, 2 TP | VRN2HQ3SFX/U | 1 | 1997.74 | 38\% | \$1,238.60 |
| VRN2HR3DFXJU | HONETWELL | 3IN NPT, PICV, 30 GPM, 2 TP, VALVE ONLY | VRN2HR3DFX/U | 1 | 1381.97 | 38\% | \$856.82 |
| VRN2HS3DFX/U | HONEYWELL | 3IN NPT, PICV, 35 GPM, 2 TP, VALVE ONLY | VRN2HS3DFX/U | 1 | 1381.97 | 38\% | \$856.82 |
| VRN2HS3SFX/U | HONEYWELL | 3 IN NPT, PICV, 35 GPM, VALVE ONLY, SST, 2 TP | VRN2HS3SFX/U | 1 | 1997.74 | 38\% | \$1,238.60 |
| VRN2HT3DFX/U | HONEYWELL | 3IN NPT, PICV, 40 GPM, 2 TP, VALVE ONLY | VRN2HTJDFX/U | 1 | 1381.97 | 38\% | \$856.82 |
| VRN2HT3SFX/U | HONETWELL | 3IN NPT, PICV, 40 GPM, VALVE ONLY, SST, 2 TP | VRN2HT3SFXIU | 1 | 1997.74 | 38\% | \$1,238.60 |
| VRN2HU3DEX/U | HONETWELL | 3IN NPT, PICV, 45 GPM, 2 TP, VALVE ONLY | VRN2HU3DFX/U | 1 | 1381.97 | 38\% | \$856.82 |
| VRN2HU3SFX/U | HONEYWELL | 3IN NPT, PICV, 45 GPM, VALVE ONLY, SST, 2 TP | VRN2HU3SFX/U |  | 1997.74 | 38\% | \$1,238.60 |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted Inctledl Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenance of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs owers, water fountains, water heaters hot water tanks, garbage disposal
2. General Ductwork, Piping etce shall not be obtained on these contract
3. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not:
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
A. General Purpose IT, Telecommunications, Networking Cabling, Fiber Optics (e.g. phone, pbx, digital centrex, digital key systems, television, cable, T-Line, general broadband,
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc.).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely us
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Itegrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory - Mouded [istalledl Factor Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain hocols (e.g. BACNet, LonTalk, Modbus, etc.) to commenicate
platforms/ystems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenance of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs . wes, water fountains, water heaters hot water tanks, garbage disposal
2. General Ductwork, Piping, etc. shall not be obtained on these contracts.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
A. General Purpose IT, Telecommunications, Networking Cabing, Fiber Optics (e.g. phone, pbx, digital centrex, digital key systems, television, cable, T-Line, general broadband,
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc.).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely us
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Istlled], Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, etc.) to commenicate
platforms/ystems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenance of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs . wers, water fountains, water heaters hot water tanks, garbage disposa
2. General Ductwork, Piping, etc. shall not be obtained on these contracts.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens Displays, etc.)

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely us
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
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B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms video video conferencing equipment, Theatre Screens Displays, etc)

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' $\mathbf{l}$ location in the event of a fire or emergency.


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commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
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a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
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2. Chillers, Rooftop Units, boilers, air handers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not:
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose IT, Telecommunications, Networking Cabing, Fiber Optics (e.g. phone, pbx, digital centrex, digital key systems, television, cable, T-Line, general broadband,
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc.).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely us
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
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| Iosel Mumber | Hiacurer | Prootucl Desariplion | Product Code | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54 " | List Price | \% Disount | wvs Nal Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| HVFDSB3C00156130 | HONEYWELL | VFD 480V, 1.5HP, GRD, NEMA1, 3 CTR BP, FDISC | HVFDSB3C0015G130 | 1 | 5096.72 | 38\% | \$3,159.97 |
| HVFDSB3C00156131 | Honerwell | VFD 480V, 1.5HP, GRD, NEMA1, 3 CTR BP, FDISC, ABP | HVFDSB3C00015G131 | 1 | 5189.76 | 38\% | \$3,217.65 |
| HVFDSB3C00156210 | HONETWELL | VFD 480V, 1.5HP, GRD, NEMA12, FDISC ONLY, | HVFDSB3C0015G210 | 1 | 5180.09 | 38\% | \$3,211.66 |
| HVFDSB3C0015G220 | HONEYWELL | VFD 480V, 1.5 HP , GRD, NEMA12, 2 CTR BP, NO DISC | HVFDSB3C00016G220 | 1 | 6052.38 | 38\% | \$3,752.48 |
| HVFDSB3C0015G230 | Honerwell | VFD 480V, 1.5HP, GRD, NEMA12, 3 CTR BP, FDIIC | HVFDSB3C000156230 | 1 | 7239.67 | 38\% | \$4,488.60 |
| HVFDSB3C00156231 | HONEYWELL | VFD 480V, 1.5HP, GRD, NEMA12, 3 CTR BP, FDIISC,ABP | HVFDSB3C00156231 | 1 | 7702.99 | 38\% | \$4,775.85 |
| HVFDSB3C00156310 | HONEYWELL | VFD 480V, 1.5HP, GRD, NEMA3R, FDIIC ONLY, | HVFDSB3C0015G310 | 1 | 6660.50 | 38\% | \$4,129.51 |
| HVFDSB3C0015G320 | HONEYWELL | VFD 480V, 1.5 HP , GRD, NEMA3R, 2 CTR BP, NO DISC | HVFDSB3C00016G320 | 1 | 6288.43 | 38\% | \$3,898.83 |
| HVFDSB3C0015G330 | HONEYWELL | VFD 480V, 1.5HP, GRD, NEMA3R, 3 CTR BP, FDISC | HVFDSB3C00016G330 | 1 | 7818.84 | 38\% | \$4,847.68 |
| HVFDSB3C00156331 | HoNEYWELL | VFD 480V, 1.5HP, GRD, NEMA3R, 3 CTR BP, FDISC, ABP | HVFDSB3C00016G331 | 1 | 9035.12 | 38\% | \$5,601.77 |
| HVFDSB3C0020G110 | HONEYWELL | VFD 480V, 2HP, GRD, NEMA1, FDISC ONLY, | HVFDSB3C0020G110 | 1 | 3648.79 | 38\% | \$2,262.25 |
| HVFDSB3C0020G120 | HONEYWELL | VFD 480V, 2HP, GRD, NEMA1, 2 CTR BP, NO DISC | HVFDSB3C0020G120 | 1 | 4494.40 | 38\% | \$2,786.53 |
| HVFDSB3C0020G130 | HoNEYWELL | VFD 480V, 2HP, GRD, NEMA1, 3 CTR BP, FDISC | HVFDSB3C0020G130 | 1 | 5212.57 | 38\% | \$3,231.79 |
| HVFDSB3C0020G131 | HONEYWELL | VFD 480V, 2HP, GRD, NEMA1, 3 CTR BP, FDIIC, ABP | HVFDSB3C0020G131 | 1 | 6370.90 | 38\% | \$3,949.96 |
| HVFDSB3C0020G210 | HONEYWELL | VED 480V, 2HP, GRD, NEMA12, FDISC ONLY, | HVFDSB3C00206210 | 1 | 5368.42 | 38\% | \$3,328.42 |
| HVFDSB3C0020G220 | HONEYWELL | VFD 480V, 2 HP, GRD, NEMA12, 2 CTR BP, NO DISC | HVFDSB3C0020G220 | 1 | 6217.44 | 38\% | \$3,854.81 |
| HVFDSB3C0020G230 | HONEYWELL | VFD 480V, 2 HP, GRD, NEMA12, 2 CTR BP, NO DISC | HVFDSB3C0020G230 | 1 | 7529.25 | 38\% | \$4,668.14 |
| HVFDSB3C0020G231 | HONEYWELL | VFD 480V, 2HP, GRD, NEMA12, 3 CTR BP, FDISC, ABP | HVFDSB3C0020G231 | 1 | 7978.13 | 38\% | \$4,946.44 |
| HVFDSB3C0020G310 | HONEYWELL | VFD 480V, 2HP, GRD, NEMA3R, FDISC ONLY, | HVFDSB3C0020G310 | 1 | 6834.23 | 38\% | \$4,237.22 |
| HVFDSB3C0020G320 | Honerwell | VFD 480V, 2 HP, GRD, NEMA3R, 2 CTR BP, NO DISC | HVFDSB3C0020G320 | 1 | 6378.92 | 38\% | \$3,954.93 |
| HVFDSB3C0020G330 | HONEYWELL | VFD 480V, 2HP, GRD, NEMA3R, 3 CTR BP, FDISC | HVFDSB3C0020G330 | 1 | 7992.57 | 38\% | \$4,955.39 |
| HVFDSB3C0020G331 | HONEYWELL | VFD 480V, 2HP, GRD, NEMA3R, 3 CTR BP, FDISC, ABP | HVFDSB3C0020G331 | 1 | 9266.78 | 38\% | \$5,745.40 |
| HVFDSB3C0030G110 | HONETWELL | VFD 480V, 3HP, GRD, NEMA1, FDISC ONLY, | HVFDSB3C0030G110 | 1 | 3810.94 | 38\% | \$2,362.78 |
| HVFDSB3C0030G120 | HONETWELL | VFD 480V, 3HP, GRD, NEMA1, 2 CTR BP, NO DISC | HVFDSB3C0030G120 | 1 | 4598.64 | 38\% | \$2,851.16 |
| HVFDSB3C0030G130 | HONEYWELL | VFD 480V, 3 HP, GRD, NEMA1, 3 CTR BP, FDISC | HVFDSB3C0030G130 | 1 | 5328.42 | 38\% | \$3,303.62 |
| HVFDSB3C0030G131 | HONEYWELL | VFD 480V, 3 HP, GRD, NEMA1, 3 CTR BP, FDISC, ABP | HVFDSB3C0030G131 | 1 | 6486.76 | 38\% | \$4,021.79 |
| HVFDSB3C00306210 | HONEYWELL | VFD 480V, 3HP, GRD, NEMA12, FDISC ONLY, | HVFDSB3C00306210 | 1 | 5499.32 | 38\% | \$3,409.58 |
| HVFDSB3C0030G220 | HONEYWELL | VFD 480V, 3HP, GRD, NEMA12, 2 CTR BP, NO DISC | HVFDSB3C0030G220 | 1 | 6382.47 | 38\% | \$3,957.13 |
| HVFDSB3C0030G230 | HONEYWELL | VFD 480V, 3 HP, GRD, NEMA12, 3 CTR BP, FDISC | HVFDSB3C0030G230 | 1 | 7818.84 | 38\% | \$4,847.68 |
| HVFDSB3C0030G231 | HONEYWELL | VFD 480V, 3 HP, GRD, NEMA12, 3 CTR BP, FDISC, ABP | HVFDSB3C00306231 | 1 | 8253.22 | 38\% | \$5,117.00 |
| HVFDSB3C0030G310 | HONETWELL | VFD 480V, 3HP, GRD, NEMA3R, FDISC ONLY, | HVFDSB3C0030G310 | 1 | 7065.93 | 38\% | \$4,380.88 |
| HVFDSB3C0030G320 | HONEYWELL | VFD 480V, 3HP, GRD, NEMA3R, 2 CTR BP, NO DISC | HVFDSB3C0030G320 | 1 | 6591.57 | 38\% | \$4,086.77 |
| HVFDSB3C0030G330 | HONEYWELL | VFD 480V, 3 HP, GRD, NEMA3R, 3 CTR BP, FDISC | HVFDSB3C0030G330 | 1 | 8224.27 | 38\% | \$5,099.05 |
| HVFDSB3C0030G331 | HoNEYWELL | VFD 480V, 3 HP, GRD, NEMA3R, 3 CTR BP, FDISC, ABP | HVFDSB3C0030G331 | 1 | 9498.44 | 38\% | \$5,889.03 |
| HVFDSB3C0040G110 | HONEYWELL | VFD 480V, 4HP, GRD, NEMA1, FDISC ONLY, | HVFDSB3C0040G110 | 1 | 3938.37 | 38\% | \$2,441.79 |
| HVFDSB3C0040G120 | HONEYWELL | VFD 480V, 4HP, GRD, NEMA1, 2 CTR BP, NO DISC | HVFDSB3C0040G120 | 1 | 4702.89 | 38\% | \$2,915.79 |
| HVFDSB3C0040G130 | HONETWELL | VFD 480V, 4HP, GRD, NEMA1, 3 CTR BP, FDISC | HVFDSB3C0040G130 | 1 | 5502.15 | 38\% | \$3,411.33 |
| HVFDSB3C0040G131 | HONEYWELL | VFD 480V, 4HP, GRD, NEMA1, 3 CTR BP, FDISC, ABP | HVFDSB3C0040G131 | 1 | 6718.42 | 38\% | \$4,165.42 |
| HVFDSB3C0040G210 | HONEYWELL | VFD 480V, 4HP, GRD, NEMA12, FDISC ONLY, | HVFDSB3C00406210 | 1 | 5803.20 | 38\% | \$3,597.98 |
| HVFDSB3C0040G220 | HONEYWELL | VFD 480V, 4HP, GRD, NEMA12, 2 CTR BP, No disc | HVFDSB3C0040G220 | 1 | 6602.57 | 38\% | \$4,093.59 |
| HVFDSB3C0040G230 | Honerwell | VFD 480V, 4HP, GRD, NEMA12, 3 CTR BP, FDISC | HVFDSB3C00406230 | 1 | 8108.42 | 38\% | \$5,027.22 |
| HVFDSB3C0040G231 | HONEYWELL | VFD 480V, 4HP, GRD, NEMA12, 3 CTR BP, FDISC, ABP | HVFDSB3C00406231 | 1 | 8528.32 | 38\% | \$5,287.56 |
| HVFDSB3C0040G310 | HONEYWELL | VFD 480V, 4HP, GRD, NEMA3R, FDISC ONLY, | HVFDSB3C0040G310 | 1 | 7297.59 | 38\% | \$4,524.51 |
| HVFDSB3C0040G320 | HONETWELL | VFD 480V, 4HP, GRD, NEMA3R, 2 CTR BP, NO DISC | HVFDSB3C0040G320 | 1 | 6871.57 | 38\% | \$4,260.37 |
| HVFDSB3C0040G330 | HONETWELL | VFD 480V, 4HP, GRD, NEMA3R, 3 CTR BP, FDISC | HVFDSB3C0040G330 | 1 | 8398.02 | 38\% | \$5,206.77 |
| HVFDSB3C0040G331 | HONEYWELL | VFD 480V, 4HP, GRD, NEMA3R, 3 CTR BP, FDISC, ABP | HVFDSB3C0040G331 | 1 | 9614.29 | 38\% | \$5,960.86 |
| HVFDSB3C0050G110 | HONEYWELL | VFD 480V, 5HP, GRD, NEMA1, FDISC ONLY, | HVFDSB3C0050G110 | 1 | 4112.15 | 38\% | \$2,549.53 |
| HVFDSB3C0050G120 | HONEYWELL | VFD 480V, 5HP, GRD, NEMA1, 2 CTR BP, NO DISC | HVFDSB3C0050G120 | 1 | 4840.54 | 38\% | \$3,001.13 |
| HVFDSB3C0050G130 | HoNEYWELL | VFD 480V, 5HP, GRD, NEMA1, 3 CTR BP, fDISC | HVFDSB3C0050G130 | 1 | 5791.73 | 38\% | \$3,590.87 |
| HVFDSB3C0050G131 | HONEYWELL | VFD 480V, 5HP, GRD, NEMA1, 3 CTR BP, FDIIC, ABP | HVFDSB3C0050G131 | 1 | 6660.50 | 38\% | \$4,129.51 |
| HVFDSB3C0050G210 | HONEYWELL | VFD 480V, 5HP, GRD, NEMA12, FDISC ONLY, | HVFDSB3C0050G210 | 1 | 5632.87 | 38\% | \$3,492.38 |
| HVFDSB3C0050G220 | Honerwell | VFD 480V, 5HP, GRD, NEMA12, 2 CTR BP, NO DISC | HVFDSB3C0050G220 | 1 | 6877.67 | 38\% | \$4,264.16 |
| HVFDSB3C0050G230 | HONEYWELL | VFD 480V, 5HP, GRD, NEMA12, 3 CTR BP, FDISC | HVFDSB3C0050G230 | 1 | 8398.02 | 38\% | \$5,206.77 |
| HVFDSB3C0050G231 | HONEYWELL | VFD 480V, 5HP, GRD, NEMA12, 3 CTR BP, FDISC, ABP | HVFDSB3C0050G231 | 1 | 8803.45 | 38\% | \$5,458.14 |
| HVFDSB3C0050G310 | HONEYWELL | VFD 480V, 5HP, GRD, NEMA3R, FDISC ONLY, | HVFDSB3C0050G310 | 1 | 7529.25 | 38\% | \$4,668.14 |
| HVFDSB3C0050G320 | Honerwell | VFD 480V, 5HP, GRD, NEMA3R, 2 CTR BP, NO DISC | HVFDSB3C0050G320 | 1 | 7016.80 | 38\% | \$4,350.42 |
| HVFDSB3C0050G330 | HONEYWELL | VED 480V, 5 HP, GRD, NEMA3R, 3 CTR BP, FDISC | HVFDSB3C0050G330 | 1 | 8687.60 | 38\% | \$5,386.31 |
| HVFDSB3C0050G331 | HONEYWELL | VFD 480V, 5HP, GRD, NEMA3R, 3 CTR BP, fIISC, ABP | HVFDSB3C0050G331 | 1 | 9961.80 | 38\% | \$6,176.32 |
| HVFDSB3C0075G110 | HONETWELL | VFD 480V, 7.5HP, GRD, NEMA1, FDISC ONLY, | HVFDSB3C00756110 | 1 | 4401.73 | 38\% | \$2,729.07 |
| HVFDSB3C0075G120 | HONETWELL | VFD 480V, 7.5HP, GRD, NEMA1, 2 CTR BP, NO DISC | HVFDSB3C0075G120 | 1 | 5157.02 | 38\% | \$3,197.35 |
| HVFDSB3C00756130 | HONEYWELL | VFD 480V, 7.5 HP , GRD, NEMA1, 3 CTR BP, FDISC | HVFDSB3C00756130 | 1 | 6081.33 | 38\% | \$3,770.42 |
| HVFDSB3C00756131 | Honerwell | VFD 480V, 7.5HP, GRD, NEMA1, 3 CTR BP, FDISC, ABP | HVFDSB3C00756131 | 1 | 7297.59 | 38\% | \$4,524.51 |
| HVFDSB3C00756210 | HONEYWELL | VFD 480V, 7.5HP, GRD, NEMA12, FDISC ONLY, | HVFDSB3C00756210 | 1 | 5723.33 | 38\% | \$3,548.46 |
| HVFDSB3C00756220 | HONEYWELL | VED 480V, 7.5HP, GRD, NEMA12, 2 CTR BP, NO DISC | HVFDSB3C00756220 | 1 | 7097.76 | 38\% | \$4,400.61 |
| HVFDSB3C00756230 | HONETWELL | VFD 480V, 7.5HP, GRD, NEMA12, 3 CTR BP, FDISC | HVFDSB3C00756230 | 1 | 8687.60 | 38\% | \$5,386.31 |
| HVFDSB3C00756231 | HONETWELL | VFD 480V, 7.5HP, GRD, NEMA12, 3 CTR BP, FDISC, ABP | HVFDSB3C00756231 | 1 | 9078.56 | 38\% | \$5,628.71 |
| HVFDSB3C00756310 | HONEYWELL | VFD 480V, 7.5HP, GRD, NEMA3R, FDISC ONLY, | HVFDSB3C00756310 | 1 | 7760.91 | 38\% | \$4,811.76 |
| HVFDSB3C00756320 | HONEYWELL | VFD 480V, 7.5 HP , GRD, NEMA3R, 2 CTR BP, NO DISC | HVFDSB3C0075G320 | 1 | 7176.32 | 38\% | \$4,449.32 |
| HVFDSB3C00756330 | HONEYWELL | VFD 480V, 7.5HP, GRD, NEMA3R, 3 CTR BP, FDISC | HVFDSB3C0075G330 | 1 | 8977.20 | 38\% | \$5,565.86 |
| HVFDSB3C00756331 | HoNEYWELL | VFD 480V, 7.5HP, GRD, NEMABR, 3 CTR BP, FDISC, ABP | HVFDSB3C0075G331 | 1 | 10193.47 | 38\% | \$6,319.95 |
| HVFDSB3C0100G110 | HONETWELL | VFD 480V, 10HP, GRD, NEMA1, FDISC ONLY, | HVFDSB3C0100G110 | 1 | 5004.03 | 38\% | \$3,102.50 |
| HVFDSB3C0100G120 | HONETWELL | VFD 480V, 10HP, GRD, NEMA1, 2 CTR BP, NO DISC | HVFDSB3C0100G120 | 1 | 5971.28 | 38\% | \$3,702.19 |
| HVFDSB3C0100G130 | HONETWELL | VFD 480V, 10HP, GRD, NEMA1, 3 CTR BP, FDISC | HVFDSB3C0100G130 | 1 | 6834.23 | 38\% | \$4,237.22 |
| HVFDSB3C01006131 | HONEYWELL | VFD 480V, 10HP, GRD, NEMA1, 3 CTR BP, FDISC, ABP | HVFDSB3C0100G131 | 1 | 8108.42 | 38\% | \$5,027.22 |
| HVFDSB3C01006210 | HONEYWELL | VFD 480V, 10HP, GRD, NEMA12, FDISC ONLY, | HVFDSB3C01006210 | 1 | 6516.68 | 38\% | \$4,040.34 |
| HVFDSB3C0100G220 | HONETWELL | VFD 480V, 10HP, GRD, NEMA12, 2 CTR BP, NO DISC | HVFDSB3C01006220 | 1 | 7702.99 | 38\% | \$4,775.85 |
| HVFDSB3C0100G230 | Honerwell | VFD 480V, 10HP, GRD, NEMA12, 3 CTR BP, FDISC | HVFDSB3C01006230 | 1 | 8977.20 | 38\% | \$5,565.86 |
| HVFDSB3C01006231 | HONETWELL | VFD 480V, 10HP, GRD, NEMA12, 3 CTR BP, FDISC, ABP | HVFDSB3C01006231 | 1 | ${ }^{9353.64}$ | 38\% | \$5,799.26 |
| HVFDSB3C01006310 | HONETWELL | VFD 480V, 10HP, GRD, NEMA33, FDIIC ONLY, | HVFDSB3C0100G310 | 1 | 8224.27 | 38\% | \$5,099.05 |
| HVFDSB3C0100G320 | HONETWELL | VFD 480V, 10 HP , GRD, NEMA3R, 2 CTR BP, NO DISC | HVFDSB3C0100G320 | 1 | 8079.99 | 38\% | \$5,009.59 |
| HVFDSB3C01006330 | HONEYWELL | VFD 480V, 10 HP , GRD, NEMA3R, 3 CTR BP, FDISC | HVFDSB3C0100G330 | 1 | 9845.95 | 38\% | \$6,104.49 |
| HVFDSB3C01006331 | HONEYWELL | VFD 480V, 10HP, GRD, NEMA3R, 3 CTR BP, FDISC, ABP | HVFDSB3C0100G331 | 1 | 11178.03 | 38\% | \$6,930.38 |
| HVFDSB3C0150G110 | HONETWELL | VFD 480V, 15HP, GRD, NEMA1, FDISC ONLY, | HVFDSB3C0150G110 | 1 | 5670.12 | 38\% | \$3,515.47 |
| HVFDSB3C0150G120 | HoNEYWELL | VFD 480V, 15 HP , GRD, NEMA1, 2 CTR BP, NO DISC | HVFDSB3C0150G120 | 1 | 6950.08 | 38\% | \$4,309.05 |
| HVFDSB3C0150G130 | HONETWELL | VFD 480 V , 15HP, GRD, NEMA1, 3 CTR BP, FDISC | HVFDSB3C0150G130 | 1 | 7645.10 | 38\% | \$4,739.96 |
| HVFDSB3C0150G131 | HONETWELL | VFD 480V, 15HP, GRD, NEMA1, 3 CTR BP, FDISC, ABP | HVFDSB3C0150G131 | 1 | 8919.27 | 38\% | \$5,529.95 |
| HVFDSB3C0150G210 | HONETWELL | VFD 480V, 15HP, GRD, NEMA12, EDISC ONLY, | HVFDSB3C01506210 | 1 | 7253.34 | 38\% | \$4,497.07 |
| HVFDSB3C0150G220 | HONETWELL | VFD 480V, 15HP, GRD, NEMA12, 2 CTR BP, NO DISC | HVFDSB3C0150G220 | 1 | 8803.45 | 38\% | \$5,458.14 |
| HVFDSB3C0150G230 | HONEYWELL | VFD 480V, 15HP, GRD, NEMA12, 3 CTR BP, FDISC | HVFDSB3C0150G230 | 1 | 9845.95 | 38\% | \$6,104.49 |
| HVFDSB3C0150G231 | HONEYWELL | VFD 480V, 15HP, GRD, NEMA12, 3 CTR BP, FDISC, ABP | HVFDSB3C0150G231 | 1 | 10178.97 | 38\% | \$6,310.96 |
| HVFDSB3C0150G310 | HONEYWELL | VFD 480V, 15HP, GRD, NEMA3R, FDISC ONLY, | HVFDSB3C0150G310 | 1 | 8687.60 | 38\% | \$5,386.31 |
| HVFDSB3C0150G320 | HONEYWELL | VFD 480V, 15HP, GRD, NEMA3R, 2 CTR BP, NO DISC | HVFDSB3C0150G320 | 1 | 8814.44 | 38\% | \$5,464.95 |
| HVFDSB3C0150G330 | HONETWELL | VFD 480V, 15HP, GRD, NEMA3R, 3 CTR BP, FDIIC | HVFDSB3C0150G330 | 1 | 10425.12 | 38\% | \$6,463.57 |
| HVFDSB3C0150G331 | HONETWELL | VFD 480V, 15HP, GRD, NEMA3R, 3 CTR BP, FDISC, ABP | HVFDSB3C0150G331 | 1 | 11699.32 | 38\% | \$7,253.58 |
| HVFDSB3C02006110 | HONETWELL | VFD 480V, 20HP, GRD, NEMA1, FDISC ONLY, | HVFDSB3C02006110 | 1 | 6677.87 | 38\% | \$4,140.28 |
| HVFDSB3CO200G120 | HONEYWELL | VFD 480V, 20HP, GRD, NEMA1, 2 CTR BP, NO DISC | HVFDSB3C0200G120 | 1 | 7796.49 | 38\% | \$4,833.82 |
| HVFDSB3CO200G130 | HONEYWELL | VFD 480V, 20HP, GRD, NEMA1, 3 CTR BP, FDISC | HVFDSB3C02006130 | 1 | 8861.35 | 38\% | \$5,494.04 |
| HVFDSB3C02006131 | Honerwell | VFD 480V, 20HP, GRD, NEMA1, 3 CTR BP, FDISC, ABP | HVFDSB3C02006131 | 1 | 10597.14 | 38\% | \$6,570.23 |
| HVFDSB3C02006210 | HONEYWELL | VFD 480V, 20 HP , GRD, NEMA12, FDISC ONLY, | HVFDSB3C02006210 | 1 | 8859.63 | 38\% | \$5,492.97 |
| HVFDSB3C02006220 | HONETWELL | VFD 480V, 20HP, GRD, NEMA12, 2 CTR BP, NO DISC | HVFDSB3C02006220 | 1 | 9903.88 | 38\% | \$6,140.41 |
| HVFDSB3CO200G230 | Honerwell | VFD 480V, 20 HP , GRD, NEMA12, 3 CTR BP, FDISC | HVFDSB3C02006230 | 1 | 11293.89 | 38\% | \$7,002.21 |
| HVFDSB3C02006231 | HONEYWELL | VFD 480V, 20HP, GRD, NEMA12, 3 CTR BP, FDISC, ABP | HVFDSB3C02006231 | 1 | 11554.53 | 38\% | \$7,163.81 |
| HVFDSB3C02006310 | HONEYWELL | VFD 480V, 20HP, GRD, NEMA3R, FDISC ONLY, | HVFDSB3C02006310 | 1 | 9845.95 | 38\% | \$6,104.49 |
| HVFDSB3CO200G320 | HONEYWELL | VFD 480V, 20HP, GRD, NEMA3R, 2 CTR BP, NO DISC | HVFDSB3C0200G320 | 1 | 9555.78 | 38\% | \$5,924.58 |
| HVFDSB3C02006330 | HONETWELL | VFD 480V, 20HP, GRD, NEMA3R, 3 CTR BP, FDISC | HVFDSB3C02006330 | 1 | 11873.05 | 38\% | \$7,361.29 |

The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Inctled] Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, etc.) to commenicate
platforms/ystems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenate of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs .wes, water fountains, water heaters hot water tanks, garbage disposal
2. General Ductwork, Piping, etc. shall not be obtained on these contracts.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose IT, Telecommunications, Networking Cabing, Fiber Optics (e.g. phone, pbx, digital centrex, digital key systems, television, cable, T-Line, general broadband,
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc.).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' $\mathbf{l}$ location in the event of a fire or emergency.


The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Nicroprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [InCtled] Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integra
products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pane (H), and/or other similar device, which utilize certain cols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforemention

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, . wers, water fountains, water heaters hot water tanks, garbage disposa
2. General Ductwork, Piping, etc. shall not be obtained on these contracts. Chillers, Reoto
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The conrract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely us
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Inctled] Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar deviee, which utilize certan edser, (e.g. BCNet, LonTalk, Modbus, platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or mainten

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs .
2. General Ductwork, Piping, etc. shall not be obtained on these contracts
3. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not:
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose IT, Telecommumications, Networking Cabling, Fiber Optics (e.g. phone, pbx, digital centrex, digital key systems, television, cable, T-Line, general broadband,
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc.).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely us
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following：
1．Building Automation System（BAS）which is a computerized system，operating on certain communications protocols（e．g．BACNet，LonTalk，Modbus，etc．）which manages，controls，and is integrated with the Integrated Microprocessor－Controlled HVAC Equipment in a building or facility．Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems．
3．Integrated Microprocessor－Controlled HVAC Equipment such as Chillers，Rooftop Units，Boilers，Air Handlers，fan coil，unit ventilator，heat pump，remote I／O modules，etc．which are Factory－Mounted［Inctled］Factory Provided Microprocessor－Controlled，requiring technical skill to program，integrate，and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user．
Integrated BAS／EMS／Integrated Microprocessor－Controlled HVAC Equipment shall means that the fire alarm system，cetv system，or access control system is integrated to the BAS／EMS／Integrated Microprocessor ntrolled HVAC Equipment using a device including，but not limited to，a router，gateway，FireAlarm Interface Panel（FIAP），and／or other similar device，which utilize certaiis platforms／systems．
Testing and Balancing of HVAC Systems shall be when an independent vendor，which：
a）Is certified by either the Associated Air Balance Council Bureau－AABC，Los Angeles，Cal． 90026 or by National Environmental Balancing Bureau－NEBB，Arlington，Va．22209，
b）Is an approved subcontractor to a contractor providing Integrated Microprocessor－Controlled HVAC Equipment，installation，systems integration，or maintenance；and

The scope of this contract does not include：
1．Plumbing systems This contract does not include the assembly，installation and repair of pipes，fittings，and fixtures of sewer／waste，water，and drainage systems and plumbing fixtures，such as sinks，commodes，bathtubs owers，water fountains，water heaters hot water tanks，garbage disposa
General Ductwork，Piping，etc．shall not be obtained on these contracts
3．Chillers，Rooftop Units，boilers，air handlers，fan coil，unit ventilator，heat pump，remote I／O modules，etc．which are not：
A．Factory Installed／Factory－Provided micro－processor－－controlled included／controlled），or
Cable（coaxial \＆fiber optic），wire，conduit，steel boxes，hangers，etc．must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts． The contract does not allow for cable（coaxial \＆fiber optic），wire，conduit，steel boxes，hangers，etc．to be purchased from these contracts for any other purposes，including，but not limited to
A．General Purpose IT，Telecommumications，Networking Cabling，Fiber Optics（e．g．phone，pbx，digital centrex，digital key systems，television，cable，T－Line，general broadband，
B．Audio－Video equipment or systems（e．g．smart boards，projectors，studio broadcasting，conference rooms，video video conferencing equipment，Theatre Screens／Displays，etc．）．
A physical security and facility system includes an emergency telephone system or pbx system expressly and solely use
A．To communicate fire or health and safety emergencies directly and solely to law enforcement organizations，or
B．To identify an individual（s）＇＇location in the event of a fire or emergency．

| INumber | nutatuer | Proctuct Dosacipition | roduct | $\begin{gathered} \text { "Warranty Period - \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54 \text { " } \end{gathered}$ | List Price | \％Discount | NvS Nal Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| H50－48020007\％KTT | HONETWELL | 480V 200A METER LONWORKS AND ETHERNET EZ－7 | H50－480200007kIT | 1 | 3615.33 | 38\％ | \＄2，241．50 |
| H50－480200RO2KTT | HONEYWELL | 480 V 200A OUTDOOR MODBUS RTU \＆ETHERNET EZ－7 | H50－480200RO2KIT | 1 | 2571.89 | 38\％ | \＄1，594．57 |
| H50－480200R03кIT | HONEYWELL | 480V 200A OUTDOOR BACNET MS／TP \＆ETHERNET EL－7 | H50－480200003kIT | 1 | 3227．32 | 38\％ | \＄2，000．94 |
| H50－480200R05kIT | HONEYWELL | 480 V 200A OUTDOOR BACNET IP \＆RS－485 EZ－7 | H50－480200R05KIT | 1 | 3227．32 | 38\％ | \＄2，000．94 |
| H50－480200R06кIT | HONEYWELL | 480V 200A OUTDOOR MODBUS TCP／IP \＆MODBUS RTU | H50－480200R06KIT | 1 | 3227．32 | 38\％ | \＄2，000．94 |
| H50－480200R07к⿺𠃊 | HONEYWELL | 480V 200A OUTDOOR LONWORKS \＆ETHERNET EZ－7 | H50－480200R07к⿺𠃊 | 1 | 3615.33 | 38\％ | \＄2，241．50 |
| H50－4803200J02KIT | HONEYWELL | 480 V 3200 A METER MODBUS RTU AND ETHERNET EZ－7 | Н50－4803200נ02к⿺𠃊 | 1 | 3547.16 | 38\％ | \＄2，199．24 |
| H50－4803200033kTT | HONEYWELL | 480V 3200A METER BACNET MS／TP And ethernet Ez－7 | H50－4803200J03kIT | 1 | 4202.60 | 38\％ | \＄2，605．61 |
| H50－4803200055KT | HONEYWELL | 480V 3200A METER BACNET IP AND RS－485 Ez－7 | H50－4803200J05kIT | 1 | 4202.60 | 38\％ | \＄2，605．61 |
| H50－480320006KKT | HoNEYWELL | 480 V 3200 A METER MODBUS TCP／IP AND MODBUS RTU | H50－4803200006KIT | 1 | 4202.60 | 38\％ | \＄2，605．61 |
| н50－480320007\％KT | HONEYWELL | 480V 3200A METER LONWORKS AND ETHERNET EZ－7 | Н50－4803200נ07к⿺𠃊 | 1 | 4590.61 | 38\％ | \＄2，846．18 |
| Н50－4803200R02кIT | HONEYWELL | 480V 3200A OUTDOOR MODBUS RTU \＆ETHERNET EL－7 | Н50－4803200R02кIT | 1 | 3547.16 | 38\％ | \＄2，199．24 |
| н50－480320080зк⿺𠃊 | HONEYWELL | 480V 3200A OUTDOOR BACNET MS／TP \＆ETHERNET EZ－7 | Н50－4803200R0зКІт | 1 | 4202.60 | 38\％ | \＄2，605．61 |
| н50－4803200R05KIT | HoNerwell | 480V 3200A OUTDOOR BACNET IP \＆RS－485 Ez－7 | н50－4803200R05к⿺𠃊 | 1 | 4202.60 | 38\％ | \＄2，605．61 |
| н50－4803200006KIT | HONETWELL | 480 V 3200A OUTDOOR MODBUS TCP／IP \＆MODBUS RTU | H50－4803200R06KIT | 1 | 4202.60 | 38\％ | \＄2，605．61 |
| H50－4803200R07KIT | HONETWELL | 480 V 3200 A OUTDOOR LONWORKS \＆ETHERNET EZ－7 | H50－4803200R07KIT | 1 | 4590.61 | 38\％ | \＄2，846．18 |
| н50－480400л02к⿺𠃊 | Honerwell | 480 V 400A METER MODBUS RTU AND ETHERNET EZ－7 | н50－480400002kIT | 1 | 2571.89 | 38\％ | \＄1，594．57 |
| н50－480400јозктт | HoNEYWELL | 480V 400A METER BACNET MS／TP AND ETHERNET EZ－7 | н50－48040003зкіт | 1 | 3227．32 | 38\％ | \＄2，000．94 |
| н50－48040005кКт | HONEYWELL | 480 V 400 A METER BACNET IP AND RS－485 Ez－7 | H50－480400055kIT | 1 | 3227．32 | 38\％ | \＄2，000．94 |
| Н50－480400006КІT | HONEYWELL | 480V 400A METER MODBUS TCPIP AND MODBUS RTU | H50－480400006kIT | 1 | 3227．32 | 38\％ | \＄2，000．94 |
| H50－480400307KTT | HONETWELL | 480V 400A METER LONWORKS AND ETHERNET EZ－7 | H50－480400307KIT | 1 | 3615.33 | 38\％ | \＄2，241．50 |
| H50－480400RO2KTT | HONETWELL | 480V 400A OUTDOOR MODBUS RTU \＆ETHERNET EZ－7 | H50－480400RO2KIT | 1 | 2571.89 | 38\％ | \＄1，594．57 |
| H50－480400RO3кпT | HONEYWELL | 480V 400A OUTDOOR BACNET MS／TP \＆ETHERNET EL－7 | H50－480400003кIT | 1 | 3227．32 | 38\％ | \＄2，000．94 |
| H50－480400R05KIT | HONEYWELL | 480 V 400A OUTDOOR BACNET IP \＆RS－485 EZ－7 | H50－480400R05KIT | 1 | 3227．32 | 38\％ | \＄2，000．94 |
| H50－480400R06KTT | HoNerwell | 480V 400A OUTDOOR MODBUS TCP／IP \＆MODBUS RTU | H50－480400R06KIT | 1 | 3227．32 | 38\％ | \＄2，000．94 |
| н50－480400R07к⿺𠃊 | HONEYWELL | 480V 400A OUTDOOR LONWORKS \＆ETHERNET EZ－7 | H50－480400RO7к⿺𠃊 | 1 | 3615.33 | 38\％ | \＄2，24．50 |
| н50－480800002к⿺𠃊 | HONEYWELL | 480 V 800A METER MODBUS RTU AND ETHERNET EZ－7 | н50－480800002кIT | 1 | 2891.74 | 38\％ | \＄1，792．88 |
| H50－48080003\％КтT | HONETWELL | 480V 800A METER BACNET MS／TP AND ETHERNET EZ－7 | H50－480800033kIT | 1 | 3547.16 | 38\％ | \＄2，199．24 |
| H50－480800005КТT | HONETWELL | 480V 800A METER BACNET IP AND RS－485 Ez－7 | H50－480800005KIT | 1 | 3547.16 | 38\％ | \＄2，199．24 |
| H50－480800J06KTT | HONETWELL | 480V 800A METER MODBUS TCP／IP AND MODBUS RTU | H50－480800006KIT | 1 | 3547.16 | 38\％ | \＄2，199．24 |
| H50－480800070\％KT | HONEYWELL | 480V 800A METER LONWORKS AND ETHERNET EZ－7 | H50－480800007к⿺𠃊 | 1 | 3935.18 | 38\％ | \＄2，439．81 |
| н50－480800R02к⿺𠃊 | HoNerwell | 480 V 800A OUTDOOR MODBUS RTU \＆ETHERNET EL－7 | H50－480800RO2KIT | 1 | 2891.74 | 38\％ | \＄1，792．88 |
| н50－480800R03к⿺𠃊 | HONEYWELL | 480V 800A OUTDOOR BACNET MS／TP \＆ETHERNET EZ－7 | н50－480800003к⿺𠃊 | 1 | 3547.16 | 38\％ | \＄2，199．24 |
| H50－480800R05KIT | HONETWELL | 480 V 800A OUTDOOR BACNET IP \＆RS－485 EZ－7 | H50－480800R05KIT | 1 | 3547．16 | 38\％ | \＄2，199．24 |
| H50－480800R06KTT | HONETWELL | 480V 800A OUTDOOR MODBUS TCP／IP \＆MODBUS RTU | H50－480800R06KIT | 1 | 3547.16 | 38\％ | \＄2，199．24 |
| H50－480800R07KIT | HONETWELL | 480V 800A OUTDOOR LONWORKS \＆ETHERNET EZ－7 | H50－480800R07KIT | 1 | 3935.18 | 38\％ | \＄2，439．81 |
| H50－6001600022kT | HONETWELL | 600 V 1600 A METER MODBUS RTU AND ETHERNET EZ－7 | H50－6001600J02kIT | 1 | 289.74 | 38\％ | \＄1，792．88 |
| н50－600160003ккт | Honerwell | 600V 1600A METER BACNET MS／TP AND ETHERNET EZ－7 | н50－6001600J03kт | 1 | 3547.16 | 38\％ | \＄2，199．24 |
| H50－600160005kIT | HoNEYWELL | 600 V 1600A METER BACNET IP AND RS－485 Ez－7 | H50－6001600005kTT | 1 | 3547.16 | 38\％ | \＄2，199．24 |
| H50－600160006kTT | HONEYWELL | 600V 1600A METER MODBUS TCP／IP AND MODBUS RTU | H50－6001600006KIT | 1 | 3547.16 | 38\％ | \＄2，199．24 |
| H50－600160007\％KT | HONEYWELL | 600V 1600A METER LONWORKS AND ETHERNET EZ－7 | Н50－6001600007кIT | 1 | 3935.18 | 38\％ | \＄2，439．81 |
| H50－6001600R02kTT | HONETWELL | 600V 1600A OUTDOOR MODBUS RTU \＆ETHERNET EZ－7 | H50－6001600R02KIT | 1 | 2891.74 | 38\％ | \＄1，792．88 |
| н50－6001600003kIT | HONETWELL | 600V 1600A OUTDOOR BACNET MS／TP \＆ETHERNET EZ－7 | н50－6001600R03КІТ | 1 | 3547.16 | 38\％ | \＄2，199．24 |
| H50－6001600R05KIT | HONETWELL | 600 V 1600A OUTDOOR BACNET IP \＆RS－485 Ez－7 | н50－6001600R05КІT | 1 | 3547.16 | 38\％ | \＄2，199．24 |
| н50－6001600R06KIT | HONEYWELL | 600 V 1600A OUTDOOR MODBUS TCP／IP \＆MODBUS RTU | н50－6001600R06кIT | 1 | 3547．16 | 38\％ | \＄2，199．24 |
| н50－6001600R07KIT | HoNerwell | 600V 1600A OUTDOOR LONWORKS \＆ETHERNET EZ－7 | н50－6001600RO7КIT | 1 | 3935.18 | 38\％ | \＄2，439．81 |
| н50－600100J02к⿺𠃊 | HONEYWELL | 600 V 100A METER MODBUS RTU AND ETHERNET EZ－7 | н50－60010002\％кIT | 1 | 2571.89 | 38\％ | \＄1，594．57 |
| н50－600100лозкт | HONETWELL | 600V 100A METER BACNET MS／TP AND ETHERNET EZ－7 | H50－600100033кIT | 1 | 3227．32 | 38\％ | \＄2，000．94 |
| H50－600100305KKT | HONETWELL | 600V 100A METER BACNET IP AND RS－485 EZ－7 | H50－600100005KIT | 1 | 3227．32 | 38\％ | \＄2，000．94 |
| H50－600100006KIT | HONETWELL | 600 V 100A METER MODBUS TCPIIP AND MODBUS RTU | H50－600100006KIT | 1 | 3227．32 | 38\％ | \＄2，000．94 |
| H50－600100307KTT | HONETWELL | 600V 100A METER LONWORKS AND ETHERNET EZ－7 | H50－600100007kIT | 1 | 3615.33 | 38\％ | \＄2，241．50 |
| H50－600100RO2KTT | HONETWELL | 600V 100A OUTDOOR MODBUS RTU \＆ETHERNET EZ－7 | H50－600100RO2KIT | 1 | 2571.89 | 38\％ | \＄1，594．57 |
| H50－600100R03ктT | HoNerwell | 600V 100A OUTDOOR BACNET MS／TP \＆ETHERNET EZ－7 | н50－600100R03кIT | 1 | 3227．32 | 38\％ | \＄2，000．94 |
| H50－600100R05KIT | HONEYWELL | 600 V 100A OUTDOOR BACNET IP \＆RS－485 EZ－7 | H50－600100R05KIT | 1 | 3227．32 | 38\％ | \＄2，000．94 |
| H50－600100R06KKT | HONETWELL | 600V 100A OUTDOOR MODBUS TCP／IP \＆MODBUS RTU | H50－600100R06KKT | 1 | 32277.32 | 38\％ | \＄2，000．94 |
| H50－600100R07KTT | HONETWELL | 600V 100A OUTDOOR LONWORKS \＆ETHERNET EZ－7 | H50－600100R07KIT | 1 | 3615.33 | 38\％ | \＄2，241．50 |
| H50－600200J02KTT | HONETWELL | 600V 200A METER MODBUS RTU AND ETHERNET EZ－7 | H50－600200302KIT | 1 | 2571.89 | 38\％ | \＄1，594．57 |
| H50－60020003кКт | HONETWELL | 600 V 200A METER BACNET MS／TP AND ETHERNET EZ－7 | H50－600200033kIT | 1 | 3227．32 | 38\％ | \＄2，000．94 |
| н50－600200005КІT | HONETWELL | 600 V 200A METER BACNET IP AND RS－485 EZ－7 | H50－600200005KIT | 1 | 3227．32 | 38\％ | \＄2，000．94 |
| H50－600200306KाT | HONETWELL | 600 V 200A METER MODBUS TCPIIP AND MODBUS RTU | H50－600200006KIT | 1 | 3227．32 | 38\％ | \＄2，000．94 |
| н50－60020007\％кіт | HoNEYWELL | 600V 200A METER LONWORKS AND Ethernet ez－7 | н50－600200007кIT | 1 | 3615.33 | 38\％ | \＄2，241．50 |
| H50－600200R02кIT | HONETWELL | 600V 200A OUTDOOR MODBUS RTU \＆ETHERNET EZ－7 | H50－600200802kIT | 1 | 2571.89 | 38\％ | \＄1，594．57 |
| H50－600200R03KTT | HONETWELL | 600 V 200A OUTDOOR BACNET MS／TP \＆ETHERNET EZ－7 | H50－600200R03KIT | 1 | 3227．32 | 38\％ | \＄2，000．94 |
| H50－600200R05KTT | HONETWELL | 600 V 200A OUTDOOR BACNET IP \＆RS－485 EZ－7 | H50－600200R05KIT | 1 | 3227．32 | 38\％ | \＄2，000．94 |
| H50－600200R06KTT | HONETWELL | 600V 200A OUTDOOR MODBUS TCP／IP \＆MODBUS RTU | H50－600200R06KIT | 1 | 3227．32 | 38\％ | \＄2，000．94 |
| H50－600200R07к⿺𠃊 | HONETWELL | 600V 200A OUTDOOR LONWORKS \＆ETHERNET EZ－7 | H50－600200RO7KIT | 1 | 3615.33 | 38\％ | \＄2，241．50 |
| н50－6003200022kT | HoNerwell | 600 V 3200 A METER MODBUS RTU AND ETHERNET EZ－7 | н50－6003200J02kIT | 1 | 3547.16 | 38\％ | \＄2，199．24 |
| н50－600320003ккт | HONEYWELL | 600V 3200A METER BACNET MS／TP AND ETHERNET EZ－7 | н50－6003200JозkIT | 1 | 4202.60 | 38\％ | \＄2，605．61 |
| н50－6003200055kT | HONETWELL | 600 V 3200 A METER BACNET IP AND RS－485 Ez－7 | H50－6003200005kiT | 1 | 4202.60 | 38\％ | \＄2，605．61 |
| H50－6003200006KTT | HONETWELL | 600 V 3200 A METER MODBUS TCP／IP AND MODBUS RTU | H50－6003200006KIT | 1 | 4202.60 | 38\％ | \＄2，605．61 |
| н50－6003200007kIT | HONETWELL | 600 V 3200 A METER LONWORKS AND ETHERNET EZ－7 | H50－6003200007kTT | 1 | 4590.61 | 38\％ | \＄2，846．18 |
| н50－6003200R02kIT | HONETWELL | 600 V 3200 A OUTDOOR MODBUS RTU \＆ETHERNET EL－7 | н50－6003200R02KIT | 1 | 3547.16 | 38\％ | \＄2，199．24 |
| н50－6003200R03kाT | HONETWELL | 600V 3200A OUTDOOR BACNET MS／TP \＆ETHERNET EZ－7 | н50－6003200R03к⿺𠃊 | 1 | 4202.60 | 38\％ | \＄2，605．61 |
| H50－6003200R05KIT | HoNerwell | 600V 3200A OUTDOOR BACNET IP \＆RS－485 Ez－7 | н50－6003200R05к⿺𠃊 | 1 | 4202.60 | 38\％ | \＄2，605．61 |
| н50－6003200R06KIT | HONEYWELL | 600V 3200A OUTDOOR MODBUS TCP／IP \＆MODBUS RTU | н50－6003200R06KIT | 1 | 4202.60 | 38\％ | \＄2，605．61 |
| н50－6003200R07кाT | HONETWELL | 600 V 3200 A OUTDOOR LONWORKS \＆ETHERNET EZ－7 | н50－6003200R07КIT | 1 | 4590.61 | 38\％ | \＄2，846．18 |
| H50－600400J02KTT | HONETWELL | 600 V 400 A METER MODBUS RTU AND ETHERNET EZ－7 | H50－600400002KIT | 1 | 2571.89 | 38\％ | \＄1，594．57 |
| Н50－60040003кктT | HONETWELL | 600 V 400A METER BACNET MS／TP AND ETHERNET EZ－7 | H50－600400033kIT | 1 | 3227．32 | 38\％ | \＄2，000．94 |
| H50－600400305KT | HONETWELL | 600 V 400A METER BACNET IP AND RS－485 Ez－7 | H50－600400005kIT | 1 | 3227．32 | 38\％ | \＄2，000．94 |
| H50－600400006КाT | HONETWELL | 600 V 400 A METER MODBUS TCPIIP AND MODBUS RTU | H50－600400006KIT | 1 | 3227．32 | 38\％ | \＄2，000．94 |
| H50－600400307KKT | HONETWELL | 600V 400A METER LONWORKS AND ETHERNET EZ－7 | H50－600400307KIT | 1 | 3615.33 | 38\％ | \＄2，241．50 |
| H50－600400R02kTT | HONEYWELL | 600V 400A OUTDOOR MODBUS RTU \＆ETHERNET EZ－7 | H50－600400R02kIT | 1 | 2571.89 | 38\％ | \＄1，594．57 |
| H50－600400R03кTT | HONETWELL | 600V 400A OUTDOOR BACNET MS／TP \＆ETHERNET EZ－7 | H50－600400R03KIT | 1 | 3227．32 | 38\％ | \＄2，000．94 |
| H50－600400R05KTT | HONETWELL | 600 V 400A OUTDOOR BACNET IP \＆RS－485 EZ－7 | H50－600400R05KIT | 1 | 3227.32 | 38\％ | \＄2，000．94 |
| H50－600400R06KTT | HONETWELL | 600 V 400A OUTDOOR MODBUS TCP／IP \＆MODBUS RTU | H50－600400006KIT | 1 | 3227．32 | 38\％ | \＄2，000．94 |
| H50－600400R07KTT | HONETWELL | 600 V 400 A OUTDOOR LONWORKS \＆ETHERNET EZ－7 | H50－600400R07KIT | 1 | 3615.33 | 38\％ | \＄2，241．50 |
| H50－600800J02к⿺𠃊 | HONETWELL | 600 V 800 A METER MODBUS RTU AND ETHERNET EZ－7 | H50－600800002кIT | 1 | 2891.74 | 38\％ | \＄1，792．88 |
| H50－600800033kTT | HONETWELL | 600V 800A METER BACNET MS／TP AND ETHERNET EZ－7 | H50－600800033KIT | 1 | 3547.16 | 38\％ | \＄2，199．24 |
| н50－600800ј05к⿺𠃊 | HoNerwell | 600 V 800 A METER BACNET IP AND RS－485 Ez－7 | н50－600800005kIT | 1 | 3547.16 | 38\％ | \＄2，199．24 |
| H50－600800306KKT | HONETWELL | 600V 800A METER MODBUS TCP／IP AND MODBUS RTU | H50－600800006KIT | 1 | 3547.16 | 38\％ | \＄2，199．24 |
| H50－600800307KTT | HONETWELL | 600V 800A METER LONWORKS AND ETHERNET EZ－7 | H50－600800307KIT | 1 | 3935.18 | 38\％ | \＄2，439．81 |
| H50－600800R02KTT | HONETWELL | 600V 800A OUTDOOR MODBUS RTU \＆ETHERNET EL－7 | H50－600800002KIT | 1 | 2891.74 | 38\％ | \＄1，792．88 |
| H50－600800R03kTT | HONEYWELL | 600V 800A OUTDOOR BACNET MS／TP \＆ETHERNET EZ－7 | H50－600800R03KIT | 1 | 3547.16 | 38\％ | \＄2，199．24 |
| H50－600800R05KTT | HONETWELL | 600 V 800A OUTDOOR BACNET IP \＆RS－485 EZ－7 | H50－600800R05KIT | 1 | 3547．16 | 38\％ | \＄2，199．24 |
| H50－600800R06KIT | HoNerwell | 600V 800A OUTDOOR MODBUS TCP／IP \＆MODBUS RTU | H50－600800R06KIT | 1 | 3547.16 | 38\％ | \＄2，199．24 |
| н50－600800R07кTT | HONEYWELL | 600V 800A OUTDOOR LONWORKS \＆ETHERNET EZ－7 | H50－600800R07к⿺𠃊 | 1 | 3935.18 | 38\％ | \＄2，439．81 |
| ATT140A1000 | HONEYWELL | 40 VA TRANS． 120 V PRIM．FT／PLATE | AT140A1000 | 1 | 29.97 | 38\％ | \＄18．58 |
| AT140A1018 | HONETWELL | 40VA TRANS．MULTT－TAP FT／PLATE | AT140A1018 | 1 | 29.97 | 38\％ | \＄18．58 |
| AT140B1206 | HONETWELL | 40VA TRANS．120V FT．MOUNT | AT14081206 | 1 | 22.97 | 38\％ | \＄14．24 |
| AT150A1007 | HONETWELL | 50VA TRANS．MULTT－TAP FT／PLATE | AT150A1007 | 1 | 32.97 | 38\％ | \＄20．44 |
| AT150B1237 | HONEYWELL | AT150B1237（HWELL FOOT MTD） | AT15081237 | 1 | 43.19 | 38\％ | \＄26．78 |
| AT150F1022 | HoNEYWELL | 50VA TRANS 120／208／240V C BRK | AT150F1022 | 1 | 47.97 | 38\％ | \＄29．74 |
| AT150F1030 | HONEYWELL | 50VA 208／277／480V TRANS CB | AT150F1030 | 1 | 49.97 | 38\％ | \＄30．98 |
| ${ }^{\text {AT175F1023 }}$ | HONETWELL | 75VA 120／208／240V TRANS CB | AT175F1023 | 1 | 74.97 | 38\％ | \＄46．48 |
| AT175F1031 | HONETWELL | 75VA 208／277／480V TRANS CB | AT175F1031 | 1 | 74.97 | 38\％ | \＄46．48 |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Ist Equipment. Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integrat
3. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including but not limited to a router, gateway, Fir. etc.) to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated platforms/systems.
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned intalkion, system

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, howers, water fountains, water heaters hot water tanks, garbage disposa
2. General Ductwork, Piping, etc. shall not be obtained on these contracts. Chillers,
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
A. Audio-Video equipment or systems (eg. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Nicroprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [InC Equipment Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems ingraion, or maintenace of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, owers, water fountains, water heaters hot water tanks, garbage disposa
General Ductwork, Piping etc. shall not be obtained on these contracts
Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not:
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. Audio-Video equirment or systems (e.g. smart boards, projectors, studio broadcasting conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' $\mathbf{l}$ location in the event of a fire or emergency.


The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
. Itegrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory Mout HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integra
products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FILP) and/or other similar device, which utilize certain tocls (eqsACNet, LonTalk, Modbus, etc.) to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated platforms/systems.
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 , b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtub owers, water fountains, water heaters hot water tanks, garbage disposal
2. General Ductwork, Piping, etc. shall not be obtained on these contracts.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
B. Audio-Video

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Inctled] Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance; and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtub howers, water fountains, water heaters hot water tanks, garbage disposa
2. General Ductwork, Piping, etc. shall not be obtained on these contracts.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The conrract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased rom these contracts for any other purposes, including, but not imited to
B. Audio-Video equipment or systems (eg. smart boards, projectors, studio broadcasting conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' $\mathbf{l}$ location in the event of a fire or emergency.

| umber | Mantuaturer | Product Descripition | Product Code |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | cis requres by | Usis Price | \% Discount | wvs Nat Price |
| T1E-1530 | IbOCO CORPORATION | 1.5INX3INX6.5FT WT SF DUCT W/COVER | T1E-1530W (QT\# 121306-12.008) | 1 | \$55.00 | 38\% | \$34.10 |
| T1E-1530W-PKG16 | IbOCO CORPORATION | 1.5INX3INX6.5FT WT SF DUCT W/COVER (PKG16) | KELE KIT | 1 | \$793.44 | 38\% | \$491.93 |
| T1E-2222G | IbOCO CORPORATION | 2.25INX2.25INX6.5FT GR SF DUCT W/COVER | T1E-2222G (QT\# 121306-12.008) | 1 | \$53.00 | 38\% | \$32.86 |
| T11--2222G-PKG12 | iboco corporation | 2.25INx2.25INX6.5FT GR SF DUCT W/COVER (PKG12) | KELE KIT | 1 | \$574.79 | 38\% | \$356.37 |
| T1E-2222W | iboco corporation | 2.25INx2.25INX6.5-T WT SF DUCT W/COVER | T1E-2222W (QT\# 121306-12.008) | 1 | \$53.00 | 38\% | \$32.86 |
| T1E-2222W-PKG12 | iboco corporation | 2.25INx2.25INX6.5FT WT SF DUCT W/COVER (PKG12) | KELE KIT | 1 | \$574.79 | 38\% | \$356.37 |
| T1E-2230G | iboco corporation | 2.25INX3INX6.5FT GR SF DUCT W/COVER | T1E-2230G (QT\# 121306-12.008) | 1 | \$56.55 | 38\% | \$35.06 |
| T1E-2230G-PKG12 | iboco corporation | 2.25INX3INX6.5FT GR SF duct w/Cover (PKG12) | KELE Kit | 1 | \$644.67 | 38\% | \$399.70 |
| T1E-2230W | IbOCO CORPORATION | 2.25INX3INX6.5FT WT SF DUCT W/COVER | T1E-2230W (QT\# 121306-12.008) | 1 | \$56.55 | 38\% | \$35.06 |
| T1E-2230W-PKG12 | IbOCO CORPORATION | 2.25INX3INX6.5FT WT SF DUCT W/COVER (PKG12) | KELE KIT | 1 | \$644.67 | 38\% | \$399.70 |
| T1E-2240G | iboco corporation | 2.25INX4INX6.5FT GR SF DUCT W/COVER | T1E-2240G (QT\# 121306-12.008) | 1 | \$73.00 | 38\% | \$45.26 |
| T1E-2240w | iboco corporation | 2.25INX4INX6.5FT WT SF DUCT W/COVER | T1E-2240W (QT\# 121306-12.008) | 1 | \$73.00 | 38\% | \$45.26 |
| T1E-3030G | iboco corporation | 3in $\times$ 3IN $\times 6.5$ FT GR SF DUCT W/COVER | T1E-3030G (QT\#121306-12.008) | 1 | \$79.00 | 38\% | \$48.98 |
| TIE-3030G-PKG12 | iboco corporation | 3IN $\times$ 3IN $\times 6.5$ FT GR SF DUCT W/COVER (PKG12) | KELE KIT | 1 | \$857.39 | 38\% | \$531.58 |
| T1E-3030W | IbOCO CORPORATION | 3IN X 3IN X 6.5FT WH SF DUCT W/COVER | T1E-3030W (QT\#\# 121306-12.008) | 1 | \$79.00 | 38\% | \$48.98 |
| T1E-3030W-PKG12 | IbOCO CORPORATION | 3in $\times$ 3IN X 6.5FT WH SF DUCT W/COVER (PKG12) | KELE KIT | 1 | \$848.00 | 38\% | \$525.76 |
| 2 P 2 | IbOCO CORPORATION | WIRING DUCT SPACER | 2 P 2 | 1 | \$0.83 | 38\% | \$0.51 |
| Tw-HC1-W | idec corporation | KNOB INSERT, White | Tw-HC1-W | 1 | \$1.21 | 38\% | \$0.75 |
| AB6MAIPG | idec corporation | GrEen non-illum maint $5 / 8$ In SPST PB | AB6M-A1P-G | 1 | \$30.96 | 38\% | \$19.20 |
| AB6MAIPR | idec corporation | RED NoN-ILUUM MAINT 5/8 In SPST Pb | AB6M-AAP-R | 1 | \$30.96 | 38\% | \$19.20 |
| AB6MAIPS | idec corporation | BLUE NON-ILLUM MAINT $5 / 8$ In SPST PB | AB6M-A1P-S | 1 | \$30.96 | 38\% | \$19.20 |
| ABGMAIPW | idec corporation | WHITE NON-ILLUM MAINT $5 / 8$ IN SPST PB | AB6M-A1P-w | 1 | \$30.96 | 38\% | \$19.20 |
| AB6MAIPY | idec corporation | YELLOW NON-ILLUM MAINT 5/8 In SPST PB | AB6M-AIP-Y | 1 | \$30.96 | 38\% | \$19.20 |
| AB6MA2PG | IdEC CORPORATION | GREEN NON-ILLUM MAINT $5 / 8$ IN DPDT PB | AB6M-A2P-G | 1 | \$37.85 | 38\% | \$23.47 |
| AB6MA2PR | idec corporation | RED NON-ILLUM MAINT $5 / 8$ In dPDT PB | AB6M-A2P-R | 1 | \$37.85 | 38\% | \$23.47 |
| AB6MA2PS | idec corporation | BLUE NON-ILLUM MAINT 5/8 In DPDT PB | AB6M-A2P-S | 1 | \$37.85 | 38\% | \$23.47 |
| AB6MAZPW | idec corporation | White non-ILLUM MAINT $5 / 8$ IN DPDT PB | AB6M-A2P-w | 1 | \$37.85 | 38\% | \$23.47 |
| AB6MA2PY | idec corporation | YeLow non-ilum maint $5 / 8$ In dPDT PB | AB6M-A2P-Y | 1 | \$37.85 | 38\% | \$23.47 |
| AbgMmipg | idec corporation | GREEN NON-ILUM MOMENT 5/8 In SPDT PB | AB6M-M1P-G | 1 | \$28.78 | 38\% | \$17.84 |
| ABGMMIPR | idec corporation | RED NON-ILLUM MOMENT 5/8 IN SPDT PB | AB6M-M1P-R | 1 | \$28.78 | 38\% | \$17.84 |
| AB6MMIPS | idec corporation | BLUE NON-ILLUM MOMENT $5 / 8$ In SPDT PB | AB6M-M1P-S | 1 | \$28.78 | 38\% | \$17.84 |
| AB6MMIPW | idec corporation | WHITE NON-ILUMM MOMENT 5/8 In SPDT PB | AB6M-M1P-w | 1 | \$28.78 | 38\% | \$17.84 |
| ABGMMIPY | idec corporation | YELLOW NON-ILLUM MOMENT 5/8 IN SPDT PB | AB6M-M1P-Y | 1 | \$28.78 | 38\% | \$17.84 |
| AB6MM2PG | idec corporation | GREEN NON-ILLUM MOMENT 5/8 In DPDT PB | AB6M-M2P-G | 1 | \$36.37 | 38\% | \$22.55 |
| AB6MM2PR | idec corporation | RED NON-ILLUM MOMENT 5/8 In DPDT PB | AB6M-M2P-R | 1 | \$36.37 | 38\% | \$22.55 |
| AB6MM2PS | idec corporation | BLUE NON-ILLUM MOMENT $5 / 8$ In DPDT PB | AB6M-M2P-S | 1 | \$36.37 | 38\% | \$22.55 |
| AB6MM2PW | idec corporation | WHITE NON-ILUUM MOMENT 5/8 In DPDT PB | AB6M-M2P-W | 1 | \$36.37 | 38\% | \$22.55 |
| AB6MM2PY | idec corporation | YELLOW NON-ILLUM MOMENT 5/8 IN DPDT PB | AB6M-M2P-Y | 1 | \$36.37 | 38\% | \$22.55 |
| ABW101 | idec corporation | PB INC MOMENTARY FLUSH - 3 COLORS | ABW101-BRG | 1 | \$31.63 | 38\% | \$19.61 |
| ABW102 | idec corporation | PB 2 NC MOMENTARY FLUSH-3 COLORS | ABW102-BRG | 1 | \$40.42 | 38\% | \$25.06 |
| ABW110 | idec corporation | PB 1 NO MOMENTARY FLUSH - 3 COLORS | ABW110-BRG | 1 | \$31.63 | 38\% | \$19.61 |
| ABW111 | idec corporation | PB INO, INC MOMENTARY FLUSH - 3 COLORS | ABW111-BRG | 1 | \$40.42 | 38\% | \$25.06 |
| ABW120 | idec corporation | PB 2 N.O. MOMENTARY FLUSH - 3 COLORS | ABW120-BRG | 1 | \$40.42 | 38\% | \$25.06 |
| ABW201 | idec corporation | PB NC MOMENTARY EXT. - 3 COLORS | ABW201-BGR | 1 | \$31.63 | 38\% | \$19.61 |
| ABW210 | IdEC CORPORATION | PB 1 NO MOMENTARY EXT. 3 COLORS | ABW210-BGR | 1 | \$31.63 | 38\% | \$19.61 |
| ABW211 | idec corporation | PB 1NO,1NC MOMEN EXTENDED RED | ABW211-R | 1 | \$40.42 | 38\% | \$25.06 |
| ABW211-G | idec corporation | PB 1NO, 1NC MOMENTARY EXT GREEN | ABW211-G | 1 | \$40.42 | 38\% | \$25.06 |
| ABW42-R | idec corporation | ABW-420-R | ABW420-R | 1 | \$64.04 | 38\% | \$39.70 |
| AL6mA14PA | idec corporation | ILlum.AMBER MAINT.5/8inSPD PB | AL6MA14PA | 1 | \$40.59 | 38\% | \$25.17 |
| AL6MA14PG | idec corporation | ILlum.GREEN MAINT.5/8iSSPDT PB | AL6MA14Pg | 1 | \$40.59 | 38\% | \$25.17 |
| AL6MA14PR | idec corporation | ILLUM.RED MAINT.5/8inSPDT PB | AL6MA14PR | 1 | \$40.59 | 38\% | \$25.17 |
| AL6MA14PS | idec corporation | ILLUM.BLUE MAINT.5/8inSPDT PB | AL6MA14PS | 1 | \$40.59 | 38\% | \$25.17 |
| AL6MA14PW | idec corporation | ILlum.White maint.5/8insPd Pb | AL6MA14PW | 1 | \$40.59 | 38\% | \$25.17 |
| AL6MA14PY | idec corporation | YELLOW ILLUM MAINT 5/8 In SPDT PB | AL6M-A14P-Y | 1 | \$40.59 | 38\% | \$25.17 |
| AL6MA24PA | idec corporation | ILLUM.AMBER MAINT. 5/8inDPDT PB | AL6MA24PA | 1 | \$46.56 | 38\% | \$28.87 |
| AL6MA24PG | idec corporation | ILLUM.GREEN MAINT.5/8indPDT PB | AL6MA24PG | 1 | \$46.56 | 38\% | \$28.87 |
| AL6MA24PR | idec corporation | ILLUM.RED MAINT.5/8in DPDT PB | AL6MA24PR | 1 | \$46.56 | 38\% | \$28.87 |
| AL6MA24PS | idec corporation | ILLUM.BLUE MAINT.5/8inDPDT PB | ALGMA24PS | 1 | \$46.56 | 38\% | \$28.87 |
| AL6MA24PW | idec corporation | ILLUM.WHITE MAINT.5/8inDPDT PB | AL6MA24PW | 1 | \$46.56 | 38\% | \$28.87 |
| AL6MA24PY | idec corporation | YELLOW ILLUM MAINT $5 / 8$ IN DPDT PB | AL6M-A24P-Y | 1 | \$46.56 | 38\% | \$28.87 |
| AL6MM14PA | idec corporation | ILLUM.AMBER MOMENT.5/8inSPDT PB | AL6MM14PA | 1 | \$39.17 | 38\% | \$24.29 |
| AL6MM14PG | idec corporation | ILLUM.GREEN MOMNT.5/8in SPDT PB | AL6MM14PG | 1 | \$39.17 | 38\% | \$24.29 |
| AL6MM14PR | idec corporation | ILLUM. RED MOMENT.5/8in SPDT PB | AL6MM14PR | 1 | \$39.17 | 38\% | \$24.29 |
| AL6MM14PS | idec corporation | ILLUM.BLUE MOMENT.5/8in SPDT PB | AL6MM14PS | 1 | \$39.17 | 38\% | \$24.29 |
| AL6MM14PW | idec corporation | ILLUM.WHITE MOMNT.5/8in SPDT PB | AL6MM14PW | 1 | \$39.17 | 38\% | \$24.29 |
| AL6MM14PY | IdEC CORPORATION | YELLOW ILLUM MOMENT $5 / 8$ IN SPDT PB | AL6M-M14P-Y | 1 | \$39.17 | 38\% | \$24.29 |
| AL6MM24PA | idec corporation | ILLUM.AMBER MOMENT.5/8inDPDT PB | AL6MM24PA | 1 | \$44.81 | 38\% | \$27.78 |
| AL6MM24PG | idec corporation | ILLUM.GREEN MOMENT.5/8inDPDT PB | AL6MM24PG | 1 | \$44.81 | 38\% | \$27.78 |
| AL6MM24PR | idec corporation | ILLUM.RED MOMENT.5/8inPPDT PB | AL6MM24PR | 1 | \$44.81 | 38\% | \$27.78 |
| AL6MM24PS | idec corporation | ILLUM.BLUE MOMENT.5/8inDPDT PB | AL6MM24PS | 1 | \$44.81 | 38\% | \$27.78 |
| AL6MM24PW | idec corporation | ILLUM.WHITE MOMENT.5/8inDPDT PB | AL6MM24PW | 1 | \$44.81 | 38\% | \$27.78 |
| AL6MM24PY | idec corporation | YELLOW ILLUM MOMENT 5/8 IN DPDT PB | AL6M-M24P-Y | 1 | \$44.81 | 38\% | \$27.78 |
| AlGMP4PA | idec corporation | AMBER 5/8in 24VDC PiLOT LIGHT | AlGMP4PA | 1 | \$25.76 | 38\% | \$15.97 |
| AlGMP4PG | idec corporation | GREEN 5/8in 24VDC PiLOT LIGHT | AL6MP4PG | 1 | \$25.76 | 38\% | \$15.97 |
| Al6MP4PR | idec corporation | RED 5/8in 24VDC PiLot Light | AlGMP4PR | 1 | \$25.76 | 38\% | \$15.97 |
| AL6MP4PS | idec corporation | BLUE 5/8in 24VDC PILOT LIGHT | AlGMP4PS | 1 | \$25.76 | 38\% | \$15.97 |
| AL6MP4PW | idec corporation | WHITE 5/8in 24VDC PILOT LIGHT | AL6M-P4P-w | 1 | \$25.76 | 38\% | \$15.97 |
| AlGMP4PY | idec corporation | YELLOW 5/8in Led pilot Light Ip65 | AlgMpapy | 1 | \$25.76 | 38\% | \$15.97 |
| ALW212611D-G | idec corporation | P/B LED MOM.EXTD. 120/6V GrEEN | ALW212611D-G | 1 | \$142.38 | 38\% | \$88.28 |
| ALW212611D-R | IdEC CORPORATION | P/B LED MOM.EXTD.120/6V RED | ALW212611D-R | 1 | \$142.38 | 38\% | \$88.28 |
| ALW29911-G-24V | idec corporation | InCAN.MOM.EXTD.F/VOLT GREEN | ALW29911-G-24V | 1 | \$89.15 | 38\% | \$55.27 |
| ALW2991-R-120V | idec corporation | Incan.MOM.EXTD.F/VOLT P/B RED | ALW2991-R-120V | 1 | \$89.15 | 38\% | \$55.27 |
| ALW29911-R-24V | idec corporation | IncAn.MOM.EXTD.F/VOLT RED 24V | ALW29911-R-24V | 1 | \$89.15 | 38\% | \$55.27 |
| AOW-100 | idec corporation | OPERATOR PB 22MM MAINT RND FLUSH/EXTD | AOW-100 | 1 | \$44.81 | 38\% | \$27.78 |
| AOW-422-R | idec corporation | MAINTAINED RED MUSHRM 2NC/2NO | KELE KIT | 1 | \$100.63 | 38\% | \$62.39 |
| AOW101 | idec corporation | PB 1NC MAINTAINED FLUSH - 3 COLORS | AOW101-BRG | 1 | \$72.88 | 38\% | \$45.19 |
| AOW102 | idec corporation | PB 2 NC MAINTAINED FLUSH - 3 COLORS | AOW102-BRG | 1 | \$89.15 | 38\% | \$55.27 |
| A0w110 | idec corporation | PB 1NO MAINTAINED FLUSH - 3 COLORS | AOW110-BRG | 1 | \$89.15 | 38\% | \$55.27 |
| Aow111 | idec corporation | PB INO 1 INC MAINTAINED FLUSH - 3 COLORS | AOW111-BRG | 1 | \$89.15 | 38\% | \$55.27 |
| AOW120 | idec corporation | PB 2NO MAINTAINED FLUSH - 3 COLORS | AOW120-BRG | 1 | \$89.15 | 38\% | \$55.27 |
| ${ }^{\text {AOWW121-R }}$ | IDEC CORPORATIIN | PB 2 NO 1 INC MAINTAINED FLush red color | Aow $121-\mathrm{R}$ | 1 | \$105.27 | 38\% | \$65.27 |
| AOW122-R | idec corporation | PB 2NO 2NC MAINTAINED FLUSH RED COLOR | Aowi22-R | 1 | \$103.34 | 38\% | \$64.07 |
| AOW202-R | idec corporation | PB 2 NC MAINTAINED EXTENDED | AOW202-R | 1 | \$89.15 | 38\% | \$55.27 |
| AOW210-G | idec corporation | PB INO MAINT. EXT. GREEN | Aow210-G | 1 | \$72.88 | 38\% | \$45.19 |
| AOW22-B | idec corporation | PB 2 NO MAINT.EXTD. BLACK | AOW22-B | 1 | \$89.15 | 38\% | \$55.27 |
| AOW22-G | idec corporation | P/b 2no maint.extd. green | Aow $220-\mathrm{G}$ | 1 | \$89.15 | 38\% | \$55.27 |
| AOW22-R | idec corporation | Pb 2 No MAINTAINED EXTENDED | AOW22-R | 1 | \$89.15 | 38\% | \$55.27 |
| AOW401-R | idec corporation | PB 1NC MAINTAINED MUSHROOM | AOW401-R | 1 | \$102.03 | 38\% | \$63.26 |
| AOW402-R | idec corporation | MAINTAINED RED MUSHROOM,2 NC | Aow402-R | 1 | \$116.59 | 38\% | \$72.29 |
| AOW410-R | IDEC CORPORATION | MAINTAINED RED MUSHROOM, 1 NO | AOW410-R | 1 | \$103.28 | 38\% | \$64.03 |
| AOW411-B | IdEC CORPORATION | PB 1NO-1NC MAINT. MUSHRM BLACK | AOW411-B | 1 | \$116.59 | 38\% | \$72.29 |
| Aow411-G | idec corporation | PB 1NO-1NC MAINT.MUSHROOM GRN | Aow411-G | 1 | \$116.59 | 38\% | \$72.29 |
| AOW411-R | IdEC CORPORATION | PB INO-1NC MAINT. MUSHRM RED | AOW411-R | 1 | \$116.59 | 38\% | \$772.29 |
| A0W411-Y | idec corporation | P/B, 1NO-1NC, MAINT, MUSHROOM, YELLOW | A0W411-Y | 1 | \$116.59 | 38\% | \$72.29 |
| AOW420-R | IdEC CORPORATION | P/B 22MM MAINT 40MM MSHRM 2NO RED | AOW420-R | 1 | \$116.59 | 38\% | \$72.29 |

The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Inctled] Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor
 platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
2. General Ductwork, Piping, etc. shall not be obtained on these contract
3. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not:
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased rom these contracts for any other purposes, including, but not imited to
A. General Purpose IT, Telecommumications, Networking Cabing, Fiber Optics (e.g. phone, pbx, digital centrex, digital key systems, television, cable, T-Line, general broadband,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' 'location in the event of a fire or emergency.


The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted Inctledl Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integra
products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, Finm Interface Pane (rA), a/dor other similar device, which utilize certain ) platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and


The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, .
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
A. Audio-Video equipment or systems (eg. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely use
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


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1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Nicroprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Inctled] Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not imited to, a router, gateway, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforemeni.

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, . wers, water fountains, water heaters hot water tanks, garbage disposal
2. General Ductwork, Piping, etc. shall not be obtained on these contracts. Chillers, Roftop Units, beilers, air handlers, fan coil, wit venter $/ O$ modules, etc. which are not
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
A. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely us
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Inctled] Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pane (MAP), and/or other similar device, which uiize certan RAS (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenare of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtub . wers, water fountains, water heaters hot water tanks, garbage disposal
General Ductwork, Piping, etc. shall not be obtained on these contracts
Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not:
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased rom these contracts for any other purposes, including, but not imited to
A. General Purpose IT, Telecommumications, Networking Cabing, Fiber Optics (e.g. phone, pbx, digital centrex, digital key systems, television, cable, T-Line, general broadband,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' 'ocation in the event of a fire or emergency.

| Mooel Number |  |  |  | Period - \# of year(s) after s required by Appendix B, |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Lsit Price | \% Discoumt | Nss Nele |
| R22S-Cl-D24 | IDEC CORPORATION | MIN-RELAY, DPDT, 24VDC, LED | R22S-Cl-D24 | 1 | \$12.72 | 38\% | \$7.89 |
| RR1BA-UAC120V | IDEC CORPORATİN | SPDT RELAY 10A 120VAC | RR1BA-UAC120V | 1 | \$19.63 | 38\% | \$12.17 |
| RR1BA-UAC12V | IDEC CORPORATİN | SPDT RELAY 11BLADE 10A 12VAC | RR1BA-UAC12V | 1 | \$19.63 | 38\% | \$12.17 |
| RR1BA-UAC240V | idec corporation | SPDT RELAY 11BLADE 10A 240VAC | RR1BA-UAC240V | 1 | \$21.80 | 38\% | \$13.52 |
| RR1BA-UAC24V | idec corporation | SPDT RELAY, 10A, 24VAC | RR1BA-UAC24V | 1 | \$19.63 | 38\% | \$12.17 |
| RR1BA-UDC12V | IDEC CORPORATION | SPDT RELAY 11BLADE 10A 12VDC | RR1BA-UDC12V | 1 | \$19.41 | 38\% | \$12.03 |
| RR1BA-UDC24V | idec corporation | SPDT RELAY 10A 24VDC | RR1BA-UDC24V | 1 | \$19.41 | 38\% | \$12.03 |
| RR1BA-ULAC120V | IDEC CORPORATİN | RR1BA-ULAC120V | RR1BA-ULAC120V | 1 | \$24.34 | 38\% | \$15.09 |
| RR1BA-ULAC12V | IDEC CORPORATİN | SPDT RELAY 11BLADE 10A W/ Light 12VAC | RR1BA-ULAC12V | 1 | \$24.34 | 38\% | \$15.09 |
| RR1BA-ULAC240V | idec corporation | SPDT RELAY 11BLADE 10A W/ LIGHt 240VAC | RR1BA-ULAC240V | 1 | \$26.48 | 38\% | \$16.42 |
| RR1BA-ULAC24V | IDEC CORPORATİN | RR1BA-ULAC24V | RR1BA-ULAC24V | 1 | \$24.34 | 38\% | \$15.09 |
| RR1BA-ULCAC120V | idec corporation | SPDT RELAY 11BLADE 10A W/ Light \& CK button 120vac | RR1BA-ULCCAC120V | 1 | \$26.59 | 38\% | \$16.49 |
| RR1BA-ULCAC24V | IDEC CORPORATİN | SPDT RELAY 11BLADE 10A W/ LIGHT \& CK BUTTON 24VAC | RR1BA-ULCAC24V | 1 | \$21.95 | 38\% | \$13.61 |
| RR2BA-UAC120V | idec corporation | DPDT 10A RELAY 120V | RR2BA-UAC120V | 1 | \$22.57 | 38\% | \$13.99 |
| RR2BA-UAC12V | idec corporation | DPDT RELAY 11BLADE 10A 12VAC | RR2BA-UAC12V | 1 | \$22.57 | 38\% | \$13.99 |
| RR2BA-UAC240V | IDEC CORPORATİN | DPDT RELAY 11BLADE 10A 240VaC | RR2BA-UAC240V | 1 | \$24.71 | 38\% | \$15.32 |
| RR2BA-UAC24V | idec corporation | DPDT 10A RELAY 24V | RR2BA-UAC24V | 1 | \$22.57 | 38\% | \$13.99 |
| RR2BA-UDC24V | idec corporation | DPDT RELAY 10A 24VDC | RR2BA-UDC24V | 1 | \$19.98 | 38\% | \$12.39 |
| RR2BA-ULAC120V | idec corporation | RELAY POWER DPDT 10 A 8 BLADE W/LED | RR2BA-ULAC120V | 1 | \$27.21 | 38\% | \$16.87 |
| RR2BA-ULAC12V | IDEC CORPORATİN | DPDT RELAY 11BLADE 10A W/ Light 12VAC | RR2BA-ULAC12V | 1 | \$27.21 | 38\% | \$16.87 |
| RR2BA-ULAC240V | IDEC CORPORATİN | DPDT RELAY 11BLADE 10A W/ LIGHT 240VAC | RR2BA-ULAC240V | 1 | \$29.38 | 38\% | \$18.22 |
| RR2BA-ULAC24V | idec corporation | DPDT RELAY W/LIGHt,10A,24vAC | RR2BA-ULAC24V | 1 | \$27.21 | 38\% | \$16.87 |
| RR2BA-ULCAC120V | IDEC CORPORATİN | DPDT RELAY 11BLADE 10A W/ Light \& CK BUTTON 120VAC | RR2BA-ULCAC120V | 1 | \$29.56 | 38\% | \$18.33 |
| RR2BA-ULCAC12V | IDEC CORPORATİN | DPDT RELAY 11BLADE 10A W/ Light \& CK Button 12VAC | RR2BA-ULCACL12V | 1 | \$29.56 | 38\% | \$18.33 |
| RR2BA-ULCDC12V | idec corporation | DPDT RELAY 11BLADE 10A W/ Light 12VDC | RR2BA-ULCDC12V | 1 | \$28.48 | 38\% | \$17.66 |
| RR2BA-ULCDC24V | idec corporation | DPDT RELAY 11BLADE 10A W/ Light \& CK Button 24VDC | RR2BA-ULCDC24V | 1 | \$28.48 | 38\% | \$17.66 |
| RR2BA-ULDC12V | IDEC CORPORATİN | DPDT RELAY 11BLADE 10A W/ Light 12VDC | RR2BA-ULDC12V | 1 | \$26.16 | 38\% | \$16.22 |
| RR2KP-UAC120V | idec corporation | DPDT RELAY 120VAC Latching | RR2KP-UAC120V | 1 | \$60.94 | 38\% | \$37.78 |
| RR2KP-UAC24V | idec corporation | dPDT ReLAY 24vac latching | RR2EP-UAC24V | 1 | \$60.94 | 38\% | \$37.78 |
| RR2P-UAC120V | IDEC CORPORATİN | DPDT RELAY 120VAC | RR2P-UAC120V | 1 | \$27.47 | 38\% | \$17.03 |
| RR2P-UAC12V | IDEC CORPORATİN | DPDT RELAY 8PIN 10A 12VAC | RR2P-UAC12V | 1 | \$29.58 | 38\% | \$18.34 |
| RR2P-UAC240V | idec corporation | DPDT RELAY 8Pin 10A 240VaC | RR2P-UAC240V | 1 | \$30.83 | 38\% | \$19.11 |
| RR2P-UAC24V | idec corporation | dPDt relay 24vac | RR2P-UAC24V | 1 | \$27.57 | 38\% | \$17.09 |
| RR2P-UCAC24V | IDEC CORPORATİN | DPDT PIN WITH CHECK BUTTON | RR2P-UCAC24V | 1 | \$38.63 | 38\% | \$23.95 |
| RR2P-UDC12V | idec corporation | DPDT RELAY 12VC | RR2P-UDC12V | 1 | \$29.07 | 38\% | \$18.02 |
| RR2P-UDC24V | idec corporation | DPDT RELAY 24VDC | RR2P-UDC24V | 1 | \$29.07 | 38\% | \$18.02 |
| RR2P-ULAC120V | IDEC CORPORATİN | DPDT RELAY 120VAC W/LIGHT | RR2P-ULAC120V | 1 | \$36.31 | 38\% | \$22.51 |
| RR2P-ULAC12V | IDEC CORPORATİN | DPDT RELAY 8PIN 10A W/ LIGHT 12VAC | RR2P-ULAC12V | 1 | \$34.26 | 38\% | \$21.24 |
| RR2P-ULAC240V | idec corporation | DPDT RELAY 8PIN 10A W/ Light 240VAC | RR2P-ULAC240V | 1 | \$35.50 | 38\% | \$22.01 |
| RR2P-ULAC24V | idec corporation | dPDT ReLay 24VAC W/Light | RR2P-ULAC24V | 1 | \$31.61 | 38\% | \$19.60 |
| RR2P-ULCAC120V | IDEC CORPORATİN | DPDT RELAY 120VAC W/LT \& BUT. | RR2P-ULCAC120V | 1 | \$33.68 | 38\% | \$20.88 |
| RR2P-ULCAC12V | IDEC CORPORATİN | DPDT RELAY 8PIN 10A W/ LIGHT \& CK BUtTon 12VAC | RR2P-ULCAC12V | 1 | \$36.59 | 38\% | \$22.69 |
| RR2P-ULCAC240V | idec corporation | DPDT RELAY 8PIN 10A W/ Light \& CK BUTTON 240VaC | RR2P-ULCAC240V | 1 | \$37.81 | 38\% | \$23.44 |
| RR2P-ULCAC24V | IDEC CORPORATİN | DPDT RELAY 24VAC W/L \& But. | RR2P-ULCAC24V | 1 | \$31.03 | 38\% | \$19.24 |
| RR2P-ULCDC12V | IDEC CORPORATİN | DPDT RELAY 8PIN 10A W/ LIGHT \& CK BUtTon 12VDC | RR2P-ULCDC12V | 1 | \$35.94 | 38\% | \$22.28 |
| RR2P-ULCDC24V | idec corporation | DPDT RELAY 8PIN 10A W/ LIGHT \& CK BUTTON 24VDC | RR2P-ULCDC24V | 1 | \$35.94 | 38\% | \$22.28 |
| RR2P-ULDC12V | idec corporation | DPDT RELAY 8PIN 10A W/ LIGHT 12VDC | RR2P-ULDC12V | 1 | \$33.62 | 38\% | \$20.84 |
| RR2P-ULDC24V | idec corporation | DPDT RELAY 24VDC W/Light | RR2P-ULDC24V | 1 | \$31.13 | 38\% | \$19.30 |
| RR3B-UAC120V | idec corporation | 3PDT RELAY 120VAC | RR3B-UAC120V | 1 | \$25.48 | 38\% | \$15.80 |
| RR3B-UAC12V | idec corporation | 3PDT RELAY 11BLADE 10A 12VAC | RR3B-UAC12V | 1 | \$25.48 | 38\% | \$15.80 |
| RR33-UAC240V | IDEC CORPORATİN | 3PDT RELAY 11BLADE 10A 240VAC | RR33-UAC240V | 1 | \$27.57 | 38\% | \$17.09 |
| RR3B-UAC24V | IDEC CORPORATİN | 3PDt reLay 24vac | RR3B-UAC24V | 1 | \$25.48 | 38\% | \$15.80 |
| RR3B-UCAC120V | idec corporation | 3PDT RELAY W/BTN | RR3B-UCAC120V | 1 | \$29.39 | 38\% | \$18.22 |
| RR3B-UCAC24V | idec corporation | 3PDT RELAY W/BTN | RR3B-UCAC24C | 1 | \$29.39 | 38\% | \$18.22 |
| RR3B-UCDC24V | idec corporation | 3PDT RELAY W/BTN | RR3B-UCDC24V | 1 | \$27.43 | 38\% | \$17.01 |
| RR3B-UDC12V | idec corporation | 3 3PDT RELAY 11BLADE 10A 12VDC | RR3B-UDC12V | 1 | \$23.63 | 38\% | \$14.65 |
| RR3B-UDC24V | idec corporation | 3PDT RELAY 24VDC | RR3B-UDC24V | 1 | \$23.63 | 38\% | \$14.65 |
| RR3B-ULAC120V | IDEC CORPORATİN | 3PDT 120VAC W/LED | RR3B-ULAC120V | 1 | \$31.88 | 38\% | \$19.77 |
| RR33-ULAC12V | IDEC CORPORATİN | 3PDT RELAY 11BLADE 10A W/ Light 12VAC | RR33-ULAC12V | 1 | \$30.14 | 38\% | \$18.69 |
| RR3B-ULAC240V | IDEC CORPORATİN | 3PDT RELAY 11BLADE 10A W/ LIGHT 240VAC | RR3B-ULAC240V | 1 | \$32.28 | 38\% | \$20.01 |
| RR33-ULAC24V | idec corporation | 3PDT 24VAC W/LED | RR3B-ULAC24V(SP-0002314) | 1 | \$45.22 | 38\% | \$28.04 |
| RR3B-ULCAC120V | idec corporation | 3PDT RELAY 11BLADE 10A W/ Light \& CK button 120vac | RR3B-ULCAC120V | 1 | \$32.47 | 38\% | \$20.13 |
| RR3B-ULCAC12V | idec corporation | 3PDT RELAY 11BLADE 10A W/ LIGHT \& CK Button 12VAC | RR3B-ULCAC12V | 1 | \$32.47 | 38\% | \$20.13 |
| RR3B-ULCAC240V | idec corporation | 3PDT RELAY 11BLADE 10A W/ Light \& CK Button 240VAC | RR3B-ULCAC240V | 1 | \$34.61 | 38\% | \$21.46 |
| RR3B-ULCAC24V | IDEC CORPORATİN | 3PDT RELAY 11BLADE 10A W/ LIGHT \& CK BUtTon 24VAC | RR3B-ULCAC24V | 1 | \$29.95 | 38\% | \$18.57 |
| RR3B-ULCDC12V | IDEC CORPORATİN | 3PDT RELAY 11BLADE 10A W/ LIGHT \& CK BUtTon 12VDC | RR3B-ULCDC12V | 1 | \$37.58 | 38\% | \$23.30 |
| RR3B-ULCDC24V | IDEC CORPORATİN | 3PDT RELAY 11BLADE 10A W/ LIGHT \& CK BUtTon 24VDC | RR3B-ULCDC24V | 1 | \$30.63 | 38\% | \$18.99 |
| RR3B-ULDC24V | idec corporation | 3PDT 24VDC W/LED | RR3B-ULDC24V | 1 | \$29.92 | 38\% | \$18.55 |
| RR3PA-UAC120V | idec corporation | 3PDT RELAY 120VAC | RR3PA-UAC120V | 1 | \$33.45 | 38\% | \$20.74 |
| RR3PA-UAC12V | idec corporation | 3PDT RELAY 11PIN 10A 12VAC | RR3PA-UAC12V | 1 | \$36.03 | 38\% | \$22.34 |
| RR3PA-UAC240V | idec corporation | 3PDT RELAY 11PIN 10A 240VaC | RR3PA-UAC240V | 1 | \$40.42 | 38\% | \$25.06 |
| RR3PA-UAC24V | IDEC CORPORATİN | 3PDT RELAY 24VAC | RR3PA-UAC24V | 1 | \$33.45 | 38\% | \$20.74 |
| RR3PA-UDC12V | IDEC CORPORATİN | 3PDT RELAY 11PIN 10 A 12VDC | RR3PA-UDC12V | 1 | \$35.82 | 38\% | \$22.21 |
| RR3PA-UDC24V | idec corporation | 3PDT RELAY 24VDC | RR3PA-UDC24V | 1 | \$33.24 | 38\% | \$20.61 |
| RR3PA-ULAC120V | idec corporation | 3PDT RELAY 120VAC W/LIGHT | RR3PA-ULAC120V | 1 | \$37.57 | 38\% | \$23.29 |
| RR3PA-ULAC12V | idec corporation | 3PDT RELAY 11PIN 10A W/ Light 12VAC | RR3PA-ULAC12V | 1 | \$40.71 | 38\% | \$25.24 |
| RR3PA-ULAC24V | IDEC CORPORATİN | 3PDT RELAY 24VAC W/LGGT | RR3PA-ULAC24V | 1 | \$37.57 | 38\% | \$23.29 |
| RR3PA-ULCAC120V | IDEC CORPORATİN | 3PDT RELAY 11PIN 10A W/ LIGHT \& CK BUtTON 120VAC | RR3PA-ULCAC120V | 1 | \$43.03 | 38\% | \$26.68 |
| RR3PA-ULCAC12V | IDEC CORPORATİN | 3PDT RELAY 11PIN 10A W/ Light \& CK BUTTON 12VAC | RR3PA-ULCAC12V | 1 | \$42.92 | 38\% | \$26.61 |
| RR3PA-ULCAC240V | IDEC CORPORATİN | 3PDT RELAY 11PIN 10A W/ LIGHT \& CK BUTTON 240VAC | RR3PA-ULCAC240V | 1 | \$44.52 | 38\% | \$27.60 |
| RR3PA-ULCAC24V | idec corporation | 3PDT RELAY 24VAC W/CHK BTN | RR3PA-ULCAC24V | 1 | \$39.65 | 38\% | \$24.58 |
| RR3PA-ULCDC24V | idec corporation | 3PDT RELAY 11PIN 10A W/ Light \& CK Button 24VDC | RR3PA-ULCDC24V | 1 | \$42.81 | 38\% | \$26.54 |
| RR3PA-ULDC12V | idec corporation | 3PDT RELAY 11PIN 10A W/ LIGHT 12 VVDC | RR3PA-ULDC12V | 1 | \$40.49 | 38\% | \$25.10 |
| RR3PA-ULDC24V | IDEC CORPORATION | 3PDT RELAY 11PIN 10A W/ LIGHT 24VDC | RR3PA-ULDC24V | 1 | \$40.49 | 38\% | \$25.10 |
| RSCDN-20A | IDEC CORPORATION | SOLID STATE RELAY W/ HEAT SINk, 20A | RSCDN-20A | 1 | \$144.00 | 38\% | \$89.28 |
| RSCDN-30A | IDEC CORPORATİN | SOLID STATE RELAY W/ HEAT SINk, 30A | RSCDN-30A | 1 | \$153.00 | 38\% | \$94.86 |
| RSCDN-45A | IDEC CORPORATİN | SOLID STATE RELAY W/ HEAT SINK, 45A | RSCDN-45A | 1 | \$199.00 | 38\% | \$123.38 |
| RSS-CVR | IDEC CORPORATİN | PLASTIC COVER FOR RSS RELAYS | RSS-CVR | 1 | \$5.81 | 38\% | \$3.60 |
| RSSAN-10A | idec corporation | SOLId STATE RELAY 90-280VAC/48-660VAC 10A | RSSAN-10A | 1 | \$57.00 | 38\% | \$35.34 |
| RSSAN-50A | idec corporation | SOLId STATE RELAY 90-280VAC/48-660VAC 50A | RSSAN-50A | 1 | \$77.00 | 38\% | \$47.74 |
| RSSAN-75A | idec corporation | SOLID STATE RELAY 90-280VAC/48-660VAC 75A | RSSAN-75A | 1 | \$120.00 | 38\% | \$74.40 |
| RSSDN-10A | IDEC CORPORATION | SOLID STATE RELAY 3 -32VDC 10A | RSSDN-10A | 1 | \$44.00 | 38\% | \$27.28 |
| RSSDN-25A | IDEC CORPORATİN | SOLID STATE RELAY, 4-32VDC/48-660VAC, 25 A | RSSDN-25A | 1 | \$47.00 | 38\% | \$29.14 |
| RSSDN-50A | IDEC CORPORATİN | SOLID STATE RELAY, 4-32VDC/48-660VAC, 50A | RSSDN-50A | 1 | \$75.00 | 38\% | \$46.50 |
| RSSDN-75A | IDEC CORPORATİN | SOLID STATE RELAY, 4-32VDC/48-660VAC, 75A | RSSDN-75A | 1 | \$118.00 | 38\% | \$73.16 |
| RSSDN-90A | idec corporation | SOLID STATE RELAY, 4-32VDC/48-660VAC, 90A | RSSD-90A | 1 | \$147.00 | 38\% | \$91.14 |
| RTE-B1AD24 | idec corporation | TD RELAY 24VAC/DC Int/DOM 0 - 600HR | RTE-B1AD24 | 1 | \$122.39 | 38\% | \$75.88 |
| RTE-B1AF20 | idec corporation | TD RELAY 100-240VAC INT/DOM 0 - 600HR | RTE-B1AF20 | 1 | \$124.76 | 38\% | \$77.35 |
| RTE-E2AD24 | idec corporation | TD RELAY 24VAC/DC SS/DOB 0-600HR | RTE-B2AD24 (SP-0002314) | 1 | \$150.62 | 38\% | \$93.38 |
| RTE-B2AF20 | IDEC CORPORATION | TD RELAY 100-240VAC SS/DOB 0-600HR | RTE-B2AF20 | 1 | \$131.92 | 38\% | \$81.79 |
| RTE-P1AD24 | IDEC CORPORATİN | TD RELAY 24VAC/DC INT/DOM 0 - 600 HR | RTE-P1AD24(SP-0002314) | 1 | \$103.38 | 38\% | \$64.10 |
| RTE-P1AF20 | idec corporation | TD RELAY 100-240VAC INT/DOM 0 - 600HR | RTE-P1AF20 | 1 | \$107.73 | 38\% | \$66.79 |
| RTE-P1D12 | idec corporation | TD RELAY 12VDC INT/DOM 0-600HR | RTE-P1D12 | 1 | \$110.44 | 38\% | \$68.47 |
| RTE-P2AD24 | idec corporation | TD RELAY 24VAC/DC SS/DOB 0-600HR | RTE-P2AD24 | 1 | \$130.76 | 38\% | \$81.07 |
| RTE-P2AF20 | idec Corporation | TD RELAY 100-240VAC SS/DOB 0-600HR | RTE-P2AF20(SP-0002314) | 1 | \$131.00 | 38\% | \$81.22 |

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1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or faciility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted Inctledl Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integra
products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, howers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
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B. To identify an individual(s)' 'ocation in the event of a fire or emergency.


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3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted Inctledl Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integr.
products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized rer via a single platform or integrated
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems in mainten

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting conference rooms, video video conferencing equipment Theatre Screens/Displays etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicat fire or heath and safety emergencies directly and solely to law enforcement organizations, or
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The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Inctled] Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
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A. General Purpose IT, Telecommunications, Networking Cabing, Fiber Optics (e.g. phone, phx, digital centrex, digital key systems, television, cable, T-Line, general broadband,
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc.).

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|  |  |  | "Warranty Period - \# of year(s) afteracceptance as required by Appendix B, |  | \% Discoum | NYs Nel Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |
| K4121C | INTERMATIC INC. formerly Grasi PHOTO SWITCH $1 / 2$ NPT 120 VAC 15 AMP STEM MNT | K4121C | 1 | \$30.00 | 38\% | \$18.60 |
| K4123C | InTERMATIC INC. formerly Grassl PHOTO SWITCH $1 / 2$ NPT 208 VAC $15 A M P$ STEM MNT | K4123C | 1 | \$67.00 | 38\% | \$41.54 |
| k4221C | Intermatic inc. formerly Grassl Photo switch 1/2 NPT 120 VAC 15 Amp Stem/Sw Mnt | K4221C | 1 | \$37.78 | 38\% | \$23.42 |
| K4251 | Intermatic inc. formerly Grassl PHoto switch 1/2 NPT 120 VAC 15 AmP Stem/Sw Mnt | K4251 | 1 | \$40.00 | 38\% | \$24.80 |
| LC4521C | INTERMATIC INC. formerly Grass PHoto switch, $1 / 2$ NPT, 120 VAC TW LK MNT | LC4521C | 1 | \$26.00 | 38\% | \$16.12 |
| LC4523C | INTERMATIC INC. formerly Grass PHoto switch, $1 / 2$ NPT, 208 VAC TW LK MNT | LC4523 | 1 | \$47.23 | 38\% | \$29.28 |
| LS-2 | INTERMATIC INC. formerly Grasi replacement Sensor | LS-2 | 1 | \$159.00 | 38\% | \$98.58 |
| Mb-din | Intermatic inc. formerly Grass din rail mounting base fmid | MB-din | 1 | \$22.05 | 38\% | \$13.67 |
| MIL72ASWUZH-120 | INTERMATIC INC. formerly Grass SYNCH 7 DAY ELLCCTMECH TIME CONTROL | MIL72ASWUZH-120 | 1 | \$244.52 | 38\% | \$151.60 |
| HW-76B-BK | INTERSTATE WIRE COMPANY 16 GA. BLACK HOOK-UP WIRE - 500 FT SPOOL | WPY-1626-BLACK | 1 | \$249.00 | 38\% | \$154.38 |
| HW-76B-BL | Interstate wire company 16 GA. bLUE Hook-UP Wire - 500 FT SPOOL | WPY-1626-BLUE | 1 | \$249.00 | 38\% | \$154.38 |
| HW-76B-8N | Interstate wire company 16 GA. Brown hook-UP Wire - 500 Ft SPOOL | WPY-1626-BRown | 1 | \$251.00 | 38\% | \$155.62 |
| HW-76B-GN | INTERSTATE WIRE COMPANY 16 GA. GREEN HOOK-UP WIRE - 500 FT SPOOL | WPY-1626-GREEN | 1 | \$251.00 | 38\% | \$155.62 |
| HW-768-OR | INTERSTATE WIRE COMPANY 16 GA. ORANGE HOOK-UP WIRE - 500 FT SPOOL | WPY-1626-ORANGE | 1 | \$256.00 | 38\% | \$158.72 |
| HW-76B-PU | INTERSTATE WIRE COMPANY 16 GA. PURPLE HOOK-UP WIRE - 500 FT SPOOL | WPY-1626-PURPLE | 1 | \$251.00 | 38\% | \$155.62 |
| HW-76B-RD | INTERSTATE WIRE COMPANY 16 GA. RED HOOK-UP WIRE - 500 FT SPOOL | WPY-1626-RED | 1 | \$249.00 | 38\% | \$154.38 |
| HW-76B-UL-BK | Interstate wire company Ul 16 GA. BLACK HOOK-UP WIRE - 500ft Spool | WPB-1626-BLACK | 1 | \$268.00 | 38\% | \$166.16 |
| HW-76B-UL-BL | INTERSTATE WIRE COMPANY UL 16 GA. BLUE HOOK-UP WIRE - 500ft SPOOL | WPB-1626-BLUE | 1 | \$279.00 | 38\% | \$172.98 |
| HW-76B-UL-BN | InTERSTATE WIRE COMPANY UL 16 GA. Brown Hook-UP WIRE-500ft Spool | WPB-1626-BROWN | 1 | \$279.00 | 38\% | \$172.98 |
| HW-76B-UL-GN | INTERSTATE WIRE COMPANY UL 16 GA. GREEN HOOK-UP WIRE - 500ft SPool | WPB-1626-GREEN | 1 | \$279.00 | 38\% | \$172.98 |
| HW-76B-UL-OR | INTERSTATE WIRE COMPANY UL 16 GA. ORANGE HOOK-UP WIRE - 500ft Spool | WPB-1626-ORANGE | 1 | \$279.00 | 38\% | \$172.98 |
| HW-76B-UL-PU | INTERSTATE WIRE COMPANY UL 16 GA. PURPLE HOOK-UP WIRE - 500ft SPOOL | WPB-1626-PURPLE | 1 | \$279.00 | 38\% | \$172.98 |
| HW-76B-UL-RD | InTERSTATE WIRE COMPANY UL 16 GA. RED HOOK-UP WIRE - 500ft SPOOL | WPB-1626-RED | 1 | \$265.00 | 38\% | \$164.30 |
| HW-76B-UL-WT | INTERSTATE WIRE COMPANY UL 16 GA. WHITE HOOK-UP WIRE - 500 ft SPOOL | WPB-1626-WHITE | 1 | \$279.00 | 38\% | \$172.98 |
| HW-768-UL-Y | INTERSTATE WIRE COMPANY UL 16 GA. YELLOW Hook-UP WIRE - 500ft Spool | WPB-1626-YELLOW | 1 | \$273.00 | 38\% | \$169.26 |
| HW-768-wT | INTERSTATE WIRE COMPANY 16 GA. WHITE HOOK-UP WIRE-500 FT SPOOL | WPY-1626-WHITE | 1 | \$251.00 | 38\% | \$155.62 |
| HW-76B-Y | InTERSTATE WIRE COMPANY 16 GA. YELLOW HOOK-UP WIRE - 500 FT SPOOL | WPY-1626-YELLOW | 1 | \$256.00 | 38\% | \$158.72 |
| FS4-3 | James M. PLEASANTS COMPANY: FLOW SW Brass, SPDT 1-6 In | FS4-3 | 1 | \$315.88 | 38\% | \$195.85 |
| FS4-3D | JAMES M. PLEASANTS COMPANY: FLOw SW BrASS, 2XSPDT 1-6 In | FS4-3D | 1 | \$500.76 | 38\% | \$310.47 |
| F57-4 | JAMES M. PLEASANTS COMPANY : FLow sw brass, SPDT 6-16 IN | FS7-4 | 1 | \$914.00 | 38\% | \$566.68 |
| FS7-4w | JAMES M. PLEASAATS COMPANY: FLOW SW Br, N4X, SPDT 6-16 In | FS7-4W | 1 | \$1,092.00 | 38\% | \$677.04 |
| FS8-w | James M. PLEASANTS COMPANY: FLOw SW NEMA4X, SPDT 1-6 In | FS8-w | 1 | \$427.52 | 38\% | \$265.06 |
| DMPR-KC003 | Johnson Controls (LIMITED P Pin Ext. w/o bracket | DMPR-K0003 | 1 | \$63.00 | 38\% | \$39.06 |
| DMPR-KC008 | Johnson Controls (LIMTED P BLADE PIN EXTENSION KIT | DMPR-KC008 | 1 | \$81.00 | 38\% | \$50.22 |
| DMPR-KC054 | JOHNSON CONTROLS (LIMITED P DAMPER BLADE ARM | DMPR-K0054 | 1 | \$45.00 | 38\% | \$27.90 |
| DMPR-KC102 | Johnson Controls (LIMITED P DMPR-KC102 J/C DAMPER ROD | DMPR-KC102 | 1 | \$45.00 | 38\% | \$27.90 |
| DMPR-KC150 | JOHNSON CONTROLS (LIMITED P CONTROL DAMPER; ACCESSORY | DMPR-KC150 | 1 | \$129.00 | 38\% | \$79.98 |
| DMPR-KC211 | JOHNSON CONTROLS (LIMITED P Jackshaft 1 dia 2 PANEL | DMPR-KC211 | 1 | \$256.00 | 38\% | \$158.72 |
| DMPR-KC212 | JOHNSON CONTROLS (LIMITED P Jackshaft 1 DIA 3 PANEL | DMPR-KC212 | 1 | \$396.00 | 38\% | \$245.52 |
| DMPR-KC254 | Johnson controls (LIMITED P MOUNTING DAMPER Kit blade arm | DMPR-KC254 | 1 | \$226.00 | 38\% | \$140.12 |
| DMPR-KC255 | Johnson Controls (LIMITED P MOUNTING BRACKET M9000,KIT | DMPR-KC255 | 1 | \$116.00 | 38\% | \$71.92 |
| LVR27A-602 | Johnson controls (LIMITED P damper control arm | LVR27A-602 | 1 | \$54.00 | 38\% | \$33.48 |
| M9000-103 | Johnson Controls (LIMTED P CLASS 2 TRANSFORMER; 120VAC/24VAC | M9000-103 | 1 | \$65.00 | 38\% | \$40.30 |
| M9000-151 | Johnson controls (LIMITED P UNIVERSIAL MOUNTING PLATE | M9000-151 | 1 | \$188.00 | 38\% | \$116.56 |
| M9000-153 | Johnson Controls (LIMITED P JII CRANK ARM | M9000-153 | 1 | \$25.00 | 38\% | \$15.50 |
| M9000-154 | JOHNSON CONTROLS (LIMITED P ONE-INCH JACKSHAFT COUPLER FOR M9216 | M9000-154 | 1 | \$78.00 | 38\% | \$48.36 |
| M9000-158 | Johnson Controls (LIMITED P TANDEM MOUnting kit for m9220, M9210, And M9216 | M9000-158 | 1 | \$81.00 | 38\% | \$50.22 |
| M9000-161 | JOHNSON CONTROLS (LIMITED P ANTI ROTATION BRACKET FOR M9206 | M9000-161 | 1 | \$170.00 | 38\% | \$105.40 |
| M9000-165 | Johnson Controls (LIMITED P FLOOR MOUNT LINKAGE KIT For M9206 | M9000-165 | 1 | \$143.00 | 38\% | \$88.66 |
| M9000-171 | Johnson Controls (LIMITED P FLoor mount Linkage kit for m9220 And M9210 | M9000-171 | 1 | \$90.00 | 38\% | \$55.80 |
| M9104-AGA-2S | Johnson Controls (LIMTTED P 35 IN-LB., NSR, TRI-STATE, 24 VAC | M9104-AGA-2S | 1 | \$141.00 | 38\% | \$87.42 |
| M9104-GGA-2S | JOHNSON CONTROLS (LIMITED P 35 In-LB., NSR, PROP., 24 VAC | M9104-GGA-2S | 1 | \$223.00 | 38\% | \$138.26 |
| M9106-AGA-2 | JOHNSON CONTROLS (LIMITED P NSR, 53 In-Lb, FLOATING/2-POS, FOR <2 Valves | M9106-AGA-2 | 1 | \$145.00 | 38\% | \$89.90 |
| M9106-AGC-2 | JOHNSON CONTROLS (LIMITED P ROTARY ACTUATOR 53 In-LB NSR | M9106-AGC-2 | 1 | \$224.00 | 38\% | \$138.88 |
| M9106-GGA-2 | JOHNSON CONTROLS (LIMITED P MOD, NSR, 53LB 90 SEC ACTUATOR | M9106-GGA-2 | 1 | \$226.00 | 38\% | \$140.12 |
| M9108-AGA-2 | JOHNSON CONTROLS (LIMITED P 7oin-Lb, ON-OFF FLTG. 24VAC/DC | M9108-AGA-2 | 1 | \$216.00 | 38\% | \$133.92 |
| M9108-GGA-2 | Johnson Controls (LIMTED P 7oin-l, 2 -10VDC/4-20MA24VAC/DC | M9108-GGA-2 | 1 | \$316.00 | 38\% | \$195.92 |
| M9109-AGA-2 | Johnson Controls (LIMTTED P 80 IN-LB ON/OF/FLTG NSR | M9109-AGA-2 | 1 | \$182.50 | 38\% | \$113.15 |
| M9109-GGA-2 | JOHNSON CONTROLS (LIMITED P 80 IN-LB PROP NSR | M9109-GGA-2 | 1 | \$307.00 | 38\% | \$190.34 |
| M9116-AGA-2 | Johnson Controls (LIMITED P 140iN-LB ON-OFF,FLT 24vac/DC | M9116-AGA-2 | 1 | \$242.99 | 38\% | \$150.65 |
| M9116-AGC-2 | Johnson Controls (LIMITED P 140in-Lb on-off FLT 24VAC/DC | M9116-AGC-2 | 1 | \$305.00 | 38\% | \$189.10 |
| M9116-GGA-2 | JOHNSON CONTROLS (LIMTTED P 140IN-LB,2-10VDC4-20MA24VDC/DC | M9116-GGA-2 | 1 | \$369.00 | 38\% | \$228.78 |
| M9116-GGC-2 | JOHNSON CONTROLS (LIMTTED P 140IN-LB,2-10VDC4-20MA24VAC/DC | M9116-GGC-2 | 1 | \$437.00 | 38\% | \$270.94 |
| M9124-AGA-2 | Johnson controls (LIMITED P 210in-Lb,on-OFF,FLT; $24 \mathrm{AVC/DC}$ | M9124-AGA-2 | 1 | \$348.00 | 38\% | \$215.76 |
| M9124-AGC-2 | Johnson Controls (LIMITED P 210iN-LB,ON/OFF,FLT $24 \mathrm{VVAC/ICC}$ | M9124-AGC-2 | 1 | \$434.00 | 38\% | \$269.08 |
| M9124-GGA-2 | JOHNSON CONTROLS (LIMITED P 210 IN-LB,2-10VDC/4-20MA | M9124-GGA-2 | 1 | \$503.78 | 38\% | \$312.34 |
| M9124-GGC-2 | JOHNSON CONTROLS (LIMITED P 210iN-LB,2-10VDC/4-20MA,24VAC/ | M9124-GGC-2 | 1 | \$557.00 | 38\% | \$345.34 |
| M9132-GGA-2 | Johnson Controls (LIMITED P Non-SPRING RETURN,280 in-LB. PROP CRTL 115-160 SEC | M9132-GGA-2 | 1 | \$586.00 | 38\% | \$363.32 |
| M9203-AGA-2Z | Johnson Controls (LIMITED P SR 27 IN-LB 2 POS FLOAT 24V, 90 SEC, 1 AUX SW | M9203-AGA-2Z | 1 | \$317.00 | 38\% | \$196.54 |
| M9203-BGA-2 | JOHNSON CONTROLS (LIMITED P SR 27 IN-LB 2 POS 24 V , 75 SEC, 1 AUX SW | M9203-GGA-2 | 1 | \$222.00 | 38\% | \$137.64 |
| M9203-GGA-2 | JOHNSON CONTROLS (LIMITED P SR 27 IN-LB PROP 24V, 150 SEC, 1 AUX SW | M9203-G6A-2 | 1 | \$352.00 | 38\% | \$218.24 |
| M9203-GGA-2Z | JOHNSON CONTROLS (LIMITED P SR 27 IN-LB PROP 24V, 90 SEC, 1 AUX SW | M9203-GGA-2Z | 1 | \$369.00 | 38\% | \$228.78 |
| M9208-AGA-2 | Johnson Controls (LIMITED P SR 70 IN-LB 2 POS FLOATING ACT 24V PLENUM | M9208-AGA-2 | 1 | \$366.00 | 38\% | \$226.92 |
| M9208-AGA-3 | JOHNSON CONTROLS (LIMITED P SR 70 IN-LB 2 POS FLOATING ACT 24V | M9208-AGA-3 | 1 | \$366.00 | 38\% | \$226.92 |
| M9208-AGC-3 | JOHNSON CONTROLS (LIMITED P SR 70 IN-Lb 2 POS FLOATING ACT 24 V W AUX SWITCH | M9208-AGC-3 | 1 | \$413.00 | 38\% | \$256.06 |
| M9208-BAA-3 | JOHNSON CONTROLS (LIMITED P SR 70 IN-LB 2 POS ACTUATOR 120 V | M9208-BAA-3 | 1 | \$333.00 | 38\% | \$206.46 |
| M9208-BAC-3 | Johnson Controls (LIMITED P SR 70 IN-LB 2 POS ACTUATOR 120 V w Aux Switch | M9208-BAC-3 | 1 | \$385.00 | 38\% | \$238.70 |
| M9208-BDA-3 | Johnson Controls (LIMITED P SR 70 IN-LB 2 POS ACTUATOR 230V | M9208-BDA-3 | 1 | \$333.00 | 38\% | \$206.46 |
| M9208-BDC-3 | Johnson Controls (LIMITED P SR 70 IN-LB 2 POS ACTUATOR 230V w AUX SWITCH | M9208-BDC-3 | 1 | \$385.00 | 38\% | \$238.70 |
| M9208-BGA-3 | Johnson controls (LIMITED P SR 70 IN-LB 2 POS ACTUATOR 24V | M9208-BGA-3 | 1 | \$301.00 | 38\% | \$186.62 |
| M9208-BGC-3 | JOHNSON CONTROLS (LIMITED P SR 70 IN-LB 2 POS Actuator 24V W AuX Switch | M9208-BGC-3 | 1 | \$355.00 | 38\% | \$220.10 |
| M9208-GGA-2 | Johnson Controls (LIMTTED P SR 70 In-LB MOD ACT 24V PLENUM | M9208-GGA-2 | 1 | \$396.00 | 38\% | \$245.52 |
| M9208-GGA-3 | Johnson Controls (LIMITED P SR 70 IN-LB MOD ACT 24 V | M9208-GGA-3 | 1 | \$404.00 | 38\% | \$250.48 |
| M9208-GGC-3 | JOHNSON CONTROLS (LIMITED P SR 70 IN-LB MOD ACT 24 V W AUX SWITCH | M9208-GGC-3 | 1 | \$461.00 | 38\% | \$285.82 |
| M9220-600 | Johnson Controls (LIMTTED P ONE-INCH Jackshart Coupler for m9220 And M9210 | M9220-600 | 1 | \$22.00 | 38\% | \$13.64 |
| M9220-603 | JOHNSON CONTROLS (LIMITED P ADJUSTABLE STOP KIT FOR M9220G AND M9210G | M9220-603 | 1 | \$18.00 | 38\% | \$11.16 |
| M9220-AGA-3 | JOHNSON CONTROLS (LIMITED P 1777 IN-LB,SR,TRR-STATE | M9220-AGA-3 | 1 | \$557.00 | 38\% | \$345.34 |
| M9220-AGC-3 | Johnson Controls (LIMITED P 177 IN-LB,SR, TR-STATE,AUX SW | M9220-AGC-3 | 1 | \$650.00 | 38\% | \$403.00 |
| м9220-BAA-3 | Johnson Controls (LIMITED P 177 IN-LB,SR,2-POS,120VAC | M9220-BAA-3 | 1 | \$468.65 | 38\% | \$290.56 |
| м9220-BAC-3 | Johnson controls (LIMITED P 177 IN-LB,SR,2-POS,120VAC,AUX Sw | M9220-BAC-3 | 1 | \$511.00 | 38\% | \$316.82 |
| M9220-BGA-3 | Johnson Controls (LIMTED P 1777 IN-LB,SR,2-PPS,24VAC | M9220-BGA-3 | 1 | \$454.00 | 38\% | \$281.48 |
| M9220-BGC-3 | Johnson Controls (LIMTED P 1777 In-LB,SR,2-POS,24VAC,AUX Sw | M9220-BGC-3 | 1 | \$535.00 | 38\% | \$331.70 |
| м9220-GGA-3 | JOHNSON CONTROLS (LIMITED P 177 IN-LB,SR,PROPORTIONAL | M9220-GGA-3 | 1 | \$566.44 | 38\% | \$351.19 |
| M9220-GGC-3 | JOHNSON CONTROLS (LIMITED P 177 IN-LB,SR,PROPORTIONAL,AUX SW | M9220-GGC-3 | 1 | \$650.00 | 38\% | \$403.00 |
| M9220-HGA-3 | JOHNSON CONTROLS (LIMITED P SPRING RETURN, 177iN-LB 24V, PROP | M9220-HGA-3 | 1 | \$604.00 | 38\% | \$374.48 |
| M9220-HGC-3 | Johnson Controls (LIMITED P SPRING RETURN,177IN-LB, 24V, PROP, 2 SWITCHES | M9220-HGC-3 | 1 | \$701.00 | 38\% | \$434.62 |
| PQ-1001-3 | Johnson Controls (LIMITED P RES/VOLT divider remote mount | PQ-1001-3 | 1 | \$298.00 | 38\% | \$184.76 |
| $\mathrm{PQ}-1001-3-\mathrm{VTI}$ | JOHNSON CONTROLS (LIMITED P 4-20ma POSITION DPR FRAME MTG | KELE BOM | 1 | \$323.12 | 38\% | \$200.33 |
| PQ-1001-4 | Johnson Controls (LIMITED P RES/VOLT DIVIIER DUCT FRA MTG | PQ-1001-4 | 1 | \$314.00 | 38\% | \$194.68 |
| PQ-1001-4-VTI | JOHNSON CONTROLS (LIMITED P 4-20ma POSITION DPR DUCT MTG | KELE BOM | 1 | \$328.44 | 38\% | \$203.63 |
| R18GAA-2 | Johnson Controls (LIMITED P Board dc or Ma input Adj zero span | R81GAA-2 | 1 | \$714.30 | 38\% | \$442.87 |
| R81GA-2 | JOHNSON CONTROLS (LIMITED P DC VOLTAGE/MILLIAMP INPUT | R81GAA-2 | 1 | \$772.00 | 38\% | \$478.64 |
| R81JJA-1 | JOHNSON CONTROLS (LIMITED P POT/O TO -2 VDC CONTROL | R81JA-1 | 1 | \$476.00 | 38\% | \$295.12 |
| S91DJ-1 | Johnson Controls (LIMITED P ONE SPDT AUX SWITCH FOR M100 | S91DJ-1 | 1 | \$320.73 | 38\% | \$198.85 |
| S91EJ-1 | JOHNSON CONTROLS (LIMITED P TWO SPDT AUX SWITCHES FOR M100 | s91EJ-1 | 1 | \$393.00 | 38\% | \$243.66 |

The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted Inctedl Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
products by the authorized user. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, Fire Alarm Interface Panel (FAAP), and/or other similar device, which utilize certain p tocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenace of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
B. Audio-Video equirent or systems (e.g. smart boards, projectors, studio broadcasting conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Monted [Istalled] Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
products by the authorized user. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FAAP), and/or other similar device, which utilize certain pretocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance: and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintena ef Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtub showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
B. Audio-Video equit or or systems (e.g. smart boards, projectors, studio broadcasting conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' location in the event of a fire or emergency.

| ${ }^{\text {Moder Number }}$ | Menuracurer | Product code | $\begin{gathered} \text { "Warranty Period - \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54 \text { " } \end{gathered}$ | List Price | \% Discount | NYs Net Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |
| VG1841ER | JOHNSON CONTROLS (LIMITED P 3-WAY, 1 1/2 NPT, CV=29.2/14.6, CHROME BALL | VG1841ER | 1 | \$420.00 | 38\% | \$260.40 |
| VG1841ES | JOHNSON CONTROLS (LIMITED P 3 -WAY, $11 / 2$ NPT, CV=46.8/23.8, CHROME BALL | VG1841ES | 1 | \$420.00 | 38\% | \$260.40 |
| VG1841FR | Johnson Controls (LIMITED P 3-WAY, 2 NPT, CV=29.2/14.6, CHROME BALL | VG1841FR | 1 | \$543.00 | 38\% | \$336.66 |
| VG1841FS | Johnson Controls (LIMITED P 3 -WAY, 2 NPT, CV=46.8/23.8, CHROME BALL | VG1841FS | 1 | \$543.00 | 38\% | \$336.66 |
| VG1841FT | Johnson Control (LIMITED P 3-WAY, 2 NPT, CV=73.7/36.8, CHROME BALL | VG1841FT | 1 | \$543.00 | 38\% | \$336.66 |
| VG1845AD | Johnson Controls (LIMITED P 3-WAY, $1 / 2$ NPT, CV=1.2//0.7, STAINLESS BALL | VG1845AD | 1 | \$148.00 | 38\% | \$91.76 |
| VG1845AE | Johnson Controls (LIMITED P 3-WAY, $1 / 2$ NPT, CV=1.911.2, STAINLESS BALL | VG1845AE | 1 | \$148.00 | 38\% | \$91.76 |
| VG1845AF | Johnson Controls (LIMITED P 3-WAY, $1 / 2$ NPT, CV=2.911.9, STAINLESS BALL | VG1845AF | 1 | \$148.00 | 38\% | \$91.76 |
| VG1845AG | JOHNSON CONTROLS (LIMITED P 3 -WAY, $1 / 2$ NPT, CV=4.7/2.9, STAINLESS BALL | VG1845AG | 1 | \$148.00 | 38\% | \$91.76 |
| VG1845AL | Johnson Controls (LIMITED P 3 -WAY, $1 / 2$ NPT, CV=7.4/4.7, STAINLESS BALL | VG1845AL | 1 | \$148.00 | 38\% | \$91.76 |
| VG1845AN | JOHNSON CONTROLS (LIMTTED P 3-WAY, $1 / 2$ NPT, CV=11.7/5.8, STAINLESS BALL | VG1845AN | 1 | \$148.00 | 38\% | \$91.76 |
| VG1845BG | Johnson Controls (LIMITED P 3-WAY, $3 / 4$ NPT, CV=4.72.9, STAINLESS BALL | VG1845BG | 1 | \$191.00 | 38\% | \$118.42 |
| VG18458N | Johnson Controls (LIMTTED P 3-WAY, 3/4 NPT, CV=11.7/75.8, STAINLESS BALL | VG18458N | 1 | \$191.00 | 38\% | \$118.42 |
| VG1845CL | Johnson Controls (LIMITED P 3-WAY, 1 NPT, CV=7.4/4.7, STAINLESS BALL | VG1845CL | 1 | \$278.00 | 38\% | \$172.36 |
| VG1845CN | JOHNSON CONTROLS (LIMITED P 3-WAY, 1 NPT, CV=11.7/5.8, STAINLESS BALL | VG1845CN | 1 | \$277.00 | 38\% | \$171.74 |
| VG1845CP | JOHNSON CONTROLS (LIMITED P 3-WAY, 1 NPT, CV=18.7/9.4, STAINLESS BALL | VG1845CP | 1 | \$277.00 | 38\% | \$171.74 |
| VG1845DN | JOHNSON CONTROLS (LIMITED P 3-WAY, $11 / 4 \mathrm{NPT}$, CV=11.7/5.8, , STAINLESS BALL | VG1845DN | 1 | \$354.00 | 38\% | \$219.48 |
| VG1845DP | JOHNSON CONTROLS (LIMITED P 3-WAY, $11 / 4$ NPT, CV=18.7/9.4, STAINLESS BALL | VG1845DP | 1 | \$354.00 | 38\% | \$219.48 |
| VG1845DR | Johnson Controls (LIMITED P 3-WAY, $11 / 4$ NPT, CV=29.2/14.6, STAINLESS BALL | VG1845DR | 1 | \$354.00 | 38\% | \$219.48 |
| VG1845EP | JOHNSON CONTROLS (LIMITED P 3-WAY, $11 / 2$ NPT, CV=18.7/9.4, STAINLESS BALL | VG1845EP | 1 | \$536.00 | 38\% | \$332.32 |
| VG1845ER | Johnson controls (LIMITED P 3-WAY, $11 / 2$ NPT, CV=29.2/14.6, STAINLESS BALL | VG1845ER | 1 | \$536.00 | 38\% | \$332.32 |
| VG1845ES | Johnson Controls (LIMITED P 3-WAY, $11 / 2$ NPT, CV=46.8/23.8, STAINLESS BALL | VG1845ES | 1 | \$536.00 | 38\% | \$332.32 |
| VG1845FR | Johnson Controls (LIMITED P 3-WAY, 2 NPT, CV=29.2/14.6, STAINLESS BALL | VG1845FR | 1 | \$696.00 | 38\% | \$431.52 |
| VG1845FS | JOHNSON CONTROLS (LIMITED P 3-WAY, 2 NPT, CV=46.8/23.8, STAINLESS BALL | VG1845FS | 1 | \$695.00 | 38\% | \$430.90 |
| VG1845-T | Johnson Controls (LIMITED P 3-WAY, 2 NPT, CV=73.7/36.8, STAINLESS BALL | VG1845FT | 1 | \$695.00 | 38\% | \$430.90 |
| VG2431TM | JOHNSON CONTROLS (LIMITED P $21 / 2 \mathrm{Zin}$ IRON VALVE PDTO CV=51 | VG2431TM | 1 | \$1,288.00 | 38\% | \$798.56 |
| vg7000-1003 | JOHNSON CONTROLS (LIMITED P V3000/VG V.ACT.9-13\#\#(1/2-3/4in) | vg7000-1003 | 1 | \$57.00 | 38\% | \$35.34 |
| VG7000-1004 | Johnson Controls (LIMITED P V3000/VG V.Act.3-6\#(1-1/1/4in) | VG7000-1004 | 1 | \$57.00 | 38\% | \$35.34 |
| VG7000-1005 | JOHNSON CONTROLS (LIMITED P V3000/VG V.ACT.4-8\#(1-1/4in) | VG7000-1005 | 1 | \$57.00 | 38\% | \$35.34 |
| VG7000-1006 | JOHNSON CONTROLS (LIMITED P V3000/V V.ACT.9-13\#(1-1 1/4in) | VG7000-1006 | 1 | \$57.00 | 38\% | \$35.34 |
| VG7000-1014 | JOHNSON CONTROLS (LIMITED P V400/VG V.LINKAGE FOR (1-2in) | VG7000-1014 | 1 | \$38.00 | 38\% | \$23.56 |
| VG7000-1016 | Johnson Controls (LIMITED P BONNET ADAPTOR | VG7000-1016 | 1 | \$16.00 | 38\% | \$9.92 |
| VG7000-6001 | JOHNSON CONTROLS (LIMITED P J/C PK.K. ${ }^{\text {ST. W/VG } 1 / 223 / 4 \text { in Valve }}$ | VG7000-6001 | 1 | \$48.02 | 38\% | \$29.77 |
| VG7000-6003 | JOHNSON CONTROLS (LIMITED P W/VG1/283/4inVALVE (PRICED EACH, MUST ORDER 10) | VG7000-6003 | 1 | \$40.00 | 38\% | \$24.80 |
| VG7000-M110 | Johnson Controls (LIMITED P V v v.linkage for mi10 Act. | VG7000-M110 | 1 | \$316.21 | 38\% | \$196.05 |
| VG7000-M130 | Johnson Controls (LIMITED P VG/V.LINKAGE FOR M1208M130 ACT | VG7000-M130 | 1 | \$316.21 | 38\% | \$196.05 |
| VG7000-M140 | JOHNSON CONTROLS (LIMITED P VG/V.LINKAGE FOR M140 ACTUATOR | VG7000-M140 | 1 | \$316.21 | 38\% | \$196.05 |
| VG7000-M150 | JOHNSON CONTROLS (LIMITED P VG/V.LINKAGE FOR M150 ACTUATOR | VG7000-M150 | 1 | \$316.21 | 38\% | \$196.05 |
| VG7241CT | JOHNSON CONTROLS (LIMITED P 2W 1/2in NPT CV=0.73 | vG7241CT | 1 | \$204.00 | 38\% | \$126.48 |
| VG7241CT/423A | JOHNSON CONTROLS (LIMITED P $2 \mathrm{~W} 1 / 2 \mathrm{CV}=0.73$ SR NO FLOATING | KELE BOM | 1 | \$651.38 | 38\% | \$403.86 |
| VG72411T/423B | JOHNSON CONTROLS (LIMITED P $2 \mathrm{~W} 1 / 2 \mathrm{CV}=0.73$ SR NO 2 -POS | KELE BOM | 1 | \$588.02 | 38\% | \$364.57 |
| VG7241TT/423G | JOHNSON CONTROLS (LIMITED P $2 \mathrm{~W} 1 / 2 \mathrm{CV}=0.73$ SR NO PROP | KELE BOM | 1 | \$817.91 | 38\% | \$507.10 |
| vg7241CT71CAGC | JOHNSON CONTROLS (LIMITED P 0.5 IN 2 W NPT VALVE CV=0.73 | kELE BOM | 1 | \$948.88 | 38\% | \$588.31 |
| VG7241C771CHGA | JOHNSON CONTROLS (LIMITED P P.SIN 2W/2POS NSR MOD CV=0.73 | KELE BOM | 1 | \$993.88 | 38\% | \$616.21 |
| VG7241CT71CHGC | JOHNSON CONTROLS (LIMITED P 0.SIN 2W MOD W/SWITCH CV. $=7332$ | KELE BOM | 1 | \$948.88 | 38\% | \$588.31 |
| VG7241CT72CHGA | JOHNSON CONTROLS (LIMITED P 0.5IN 2W 2POS NO SR CV=0.73 | KELE BOM | 1 | \$1,211.87 | 38\% | \$751.36 |
| VG7241CT72CHGC | JOHNSON CONTROLS (LIMITED P O.5IN 2W W/SWCH NO SR CV=0.73 | KELE BOM | 1 | \$1,334.47 | 38\% | \$827.37 |
| VG7241ET | JOHNSON CONTROLS (LIMITED P 2W 1/2in NPT VALVE CV = 1.8 | VG7241ET | 1 | \$204.00 | 38\% | \$126.48 |
| VG7241ET/423B | Johnson Controls (LIMITED P 2W 1/2 CV=1.8 SR NO PROP | KELE BOM | 1 | \$588.02 | 38\% | \$364.57 |
| VG7241ET711AGA | JOHNSON CONTROLS (LIMITED P P.5IN 2W LPOS NPT N.O.CV 1.8 | kELE BOM | 1 | \$966.63 | 38\% | \$599.31 |
| VG7241ET711CAGC | JOHNSON CONTROLS (LIMITED P P 0.5 IN 2 W NPT CV $=1.8$ NSR | KELE BOM | 1 | \$948.88 | 38\% | \$588.31 |
| VG7241ET71CHGA | JOHNSON CONTROLS (LIMTED P O.SIN 2W NSR MOD CV $=1.8$ | KELE BOM | 1 | \$993.88 | 38\% | \$616.21 |
| VG7241ET71CHGC | JOHNSON CONTROLS (LIMITED P O.5IN 2W 2P MOD W/SWCH CV= 1.8 | KELE BOM | 1 | \$948.88 | 38\% | \$588.31 |
| VG7241ET72CHGC | JOHNSON CONTROLS (LIMITED P 0.5 SIN 2 W W/SWCH NO SR CV $=1.8$ | KELE BOM | 1 | \$1,334.47 | 38\% | \$827.37 |
| VG7241GT | JOHNSON CONTROLS (LIMITED P 2W 1/2in NPT VALV CV = 4.6 | vG7241GT | 1 | \$205.00 | 38\% | \$127.10 |
| VG7241GT/423A | JOHNSON CONTROL (LIMITED P 2W 1/2 CV=4.6 SR NO FLOATING | KELE BOM | 1 | \$589.13 | 38\% | \$365.26 |
| VG7241GT/423B | JOHNSON CONTROL (LIMITED P 2W 1/2 CV=4.6 SR NO 2-POS | KELE BOM | 1 | \$548.68 | 38\% | \$340.18 |
| vG7241GT/233G | JOHNSON CONTROLS (LIMITED P $2 \mathrm{~W} 1 / 2 \mathrm{CV}=4.6$ SR NO PROP | KELE BOM | 1 | \$819.02 | 38\% | \$507.79 |
| VG7241GT71CAGA | JOHNSON CONTROLS (LIMITED P P.5IN 2W 2 POS NPT N.O. CV=4.6 | KELE BOM | 1 | \$967.74 | 38\% | \$600.00 |
| VG7241GT71CAGC | JOHNSON CONTROLS (LIMITED P 0.5IN 2 W NPT VALVE CV=4.6 NSR | KELE BOM | 1 | \$949.99 | 38\% | \$588.99 |
| VG7241G771CHGA | JOHNSON CONTROLS (LIMITED P P.SIN 2W NSR MOD CV = 4.6 | KELE BOM | 1 | \$994.99 | 38\% | \$616.89 |
| VG7241G771CHGC | JOHNSON CONTROLS (LIMITED P O.SIN 2W 2P MOD W/SWCH CV=4.6 | KELE BOM | 1 | \$949.99 | 38\% | \$588.99 |
| VG7241GT72CHGA | JOHNSON CONTROLS (LIMITED P O.5IN 2W 2POS NO SR CV=4.6 | KELE BOM | 1 | \$1,212.98 | 38\% | \$752.05 |
| VG7241GT72CHGC | JOHNSON CONTROLS (LIMITED P 0.5 IN 2 W W/SWCH NO SR CV=4.6 | kELE BOM | 1 | \$1,335.58 | 38\% | \$828.06 |
| VG72411T | Johnson Controls (LIMITED P 2W 3/4in NPT VALVE CV = 7.3 | VG7241LT | 1 | \$283.00 | 38\% | \$175.46 |
| VG7241LT/223B | JOHNSON CONTROLS (LIMITED P 2W 3/4 CV=7.3 SR NO 2-POS | KELE BOM | 1 | \$660.66 | 38\% | \$409.61 |
| VG72411T71CAGA | JOHNSON CONTROLS (LMITED P P.75IN 2WAY NPT N.O. CV=7.3 | KELE BOM | 1 | \$1,039.26 | 38\% | \$644.34 |
| VG7241LT71CHGA | JOHNSON CONTROLS (LIMITED P 0.75IN 2WAY/2POS NSR CV=7.3 | KELE BOM | 1 | \$1,066.52 | 38\% | \$661.24 |
| VG7241LT71CHGC | JOHNSON CONTROL (LIMITED P 0.75IN 2W 2POS CV=7.3 MOD W/SW | KELE BOM | 1 | \$1,021.52 | 38\% | \$633.34 |
| VG72411T72CHGA | JOHNSON CONTROLS (LIMITED P 0.75IN 2W 2POS NO SR CV=7.3 | KELE BOM | 1 | \$1,284.51 | 38\% | \$796.40 |
| VG7241LT72CHGC | Johnson Controls (LIMITED P 0.75IN 2W FLTG W/SWCH SR CV7. 3 | kELE BOM | 1 | \$1,407.11 | 38\% | \$872.41 |
| VG7241NT | JOHNSON CONTROLS (LIMITED P 2 W Lin NPT VALVE CV $=11.6$ | VG7241NT | 1 | \$366.00 | 38\% | \$226.92 |
| VG7241NT/423B | JOHNSON CONTROLS (LIMITED P 2 W 1 CV=11.6 SR NO 2-POS | KELE BOM | 1 | \$734.54 | 38\% | \$455.41 |
| VG7241NT71CAGA | Johnson Controls (LIMITED P IIN 2 W NPT VALVE CV $=11.6$ | KELE BOM | 1 | \$1,113.15 | 38\% | \$690.15 |
| VG7241NT71CAGC | JOHNSON CONTROLS (LIMITED P 1IN 2W/2POS NSR CV=11.6 | KELE BOM | 1 | \$1,095.41 | 38\% | \$679.15 |
| VG7241NT71CHGA | JOHNSON CONTROLS (LIMITED P 1iN 2W/2POS NSR CV=11.6 | KELE BOM | 1 | \$1,140.41 | 38\% | \$707.05 |
| VG7241NTT1CHGC | JOHNSON CONTROL (LIMITED P IIN 2W 2POS MOD W/SWCH CV=11.6 | KELE BOM | 1 | \$1,095.41 | 38\% | \$679.15 |
| VG7241NT72CHGA | Johnson Controls (LIMITED P IIN 2W 2POS NO SR CV=11.6 | KELE BOM | 1 | \$1,358.39 | 38\% | \$842.20 |
| VG7241NT72CHGC | JOHNSON CONTROLS (LIMITED P PIN 2W FLTG W/SWCH SR CV=11.6 | KELE BOM | 1 | \$1,481.00 | 38\% | \$918.22 |
| VG7241PT | JOHNSON CONTROLS (LIMITED P 2W 1-1/4in NPT VALVE CV = 18.5 | VG7241PT | 1 | \$501.00 | 38\% | \$310.62 |
| VG7241PT/423B | Johnson Controls (LIMITED P 2 W 1-1/4 $\mathrm{CV}=18.5$ SR NO 2-POS | KELE BOM | 1 | \$858.43 | 38\% | \$532.23 |
| VG7241PT7114AGA | JOHNSON CONTROLS (LIMITED P 1.25IN 2W NPT VALVE CV=18.5 | KELE BOM | 1 | \$1,237.04 | 38\% | \$766.96 |
| VG7241PT71CAGC | JOHNSON CONTROLS (LMITED P 1.25IN 2W/2POS NSR CV=48.5 | KELE BOM | 1 | \$1,219.30 | 38\% | \$755.97 |
| VG7241PT711CHGA | JOHNSON CONTROLS (LIMITED P 1.25IN 2W MOD NPT CV $=18.5$ | KELE BOM | 1 | \$1,264.30 | 38\% | \$783.87 |
| VG7241PT72CHGA | Johnson Controls (LIMITED P 1.25in 2 W 2POS NO SR CV $=18.5$ | KELE BOM | 1 | \$1,482.28 | 38\% | \$919.01 |
| VG7241PT72CHGC | JOHNSON CONTROLS (LMITED P 1.25IN 2W FLTG W/SWCH CV=18.5 | KELE BOM | 1 | \$1,604.89 | 38\% | \$995.03 |
| VG7241RT | JOHNSON CONTROLS (LIMITED P 2 W 1-1/2in NPT VALVE CV=28.9 | VG7241RT | 1 | \$686.00 | 38\% | \$425.32 |
| VG7241RT71CAGA | Johnson Controls (LIMITED P 1.5IN 2W NPT VALVE CV=28.9 | KELE BOM | 1 | \$1,412.73 | 38\% | \$875.89 |
| VG7241RT711CAGC | JOHNSON CONTROLS (LIMITED P 1.5IN 2W/2POS NSR CV=28.9 | KELE BOM | 1 | \$1,394.99 | 38\% | \$864.89 |
| VG7241RT71CHGA | JOHNSON CONTROLS (LIMITED P 1.5IN 2W/2POS NSR MOD CV=28.9 | KELE BOM | 1 | \$1,439.99 | 38\% | \$892.79 |
| VG7241RT711CHGC | JOHNSON CONTROLS (LIMITED P 1.5IN WW NPT MOD W/SWCH CV=28.9 | KELE BOM | 1 | \$1,394.99 | 38\% | \$864.89 |
| VG7241RT72CHGA | JOHNSON CONTROLS (LIMITED P 1.5IN 2W 2POS NO SR CV=28.9 | kELE BOM | 1 | \$1,657.98 | 38\% | \$1,027.95 |
| VG7241RT72CHGC | JOHNSON CONTROLS (LIMITED P 1.SIN 2W FLTG W/SWCH SR CV28.9 | KELE BOM | 1 | \$1,780.58 | 38\% | \$1,103.96 |
| vG7241ST | Johnson Controls (LIMITED P 2 W 2in NPT VALVE CV=46.2 | vG7241ST | 1 | \$843.00 | 38\% | \$522.66 |
| VG72415T71CAGA | JOHNSON CONTROLS (LIMITED P 2IN 2 WAY 2POS N.O. CV=46.2 | KELE BOM | 1 | \$1,542.28 | 38\% | \$956.21 |
| VG72415771CHGA | JOHNSON CONTROLS (LIMITED P PIN 2W MOD NSR CV=46.2 | KELE BOM | 1 | \$1,569.54 | 38\% | \$973.11 |
| VG72415771CHGC | JOHNSON CONTROLS (LIMITED P PIN 2W/2POS MOD W/SWCH CV=46.2 | KELE BOM | 1 | \$1,524.54 | 38\% | \$945.21 |
| VG72415T72CHGA | JOHNSON CONTROLS (LIMITED P 2IN 2 W 2 ZPOS NO SR CV=46.2 | KELE BOM | 1 | \$1,787.52 | 38\% | \$1,108.26 |
| VG72415T72CHGC | JOHNSON CONTROLS (LIMITED P PIN 2W FLTG W/SWCH SR CV=46.2 | KELE BOM | 1 | \$1,910.13 | 38\% | \$1,184.28 |
| VG7243NT | JOHNSON CONTROLS (LIMITED P in 2 W W N NPT CV $=11.6$ | VG7243NT | 1 | \$842.00 | 38\% | \$522.04 |
| VG7243PT | JOHNSON CONTROLS (LIMITED P 1-1/4 2 WAY VALVE STAINLESS TRIM | VG7243PT | 1 | \$935.00 | 38\% | \$579.70 |
| VG7243RT | JOHNSON CONTROLS (LIMITED P No, 1-1/2"', NPT29, VALVE | VG7243RT | 1 | \$1,345.00 | 38\% | \$833.90 |
| VG74414T | JOHNSON CONTROLS (LIMITED P 2 W 1 1/2in NPT NC CVV0.73 | VG7441CT | 1 | \$227.00 | 38\% | \$140.74 |
| VG7441CT/423A | JOHNSON CONTROLS (LIMITED P $2 \mathrm{~W} 1 / 2 \mathrm{CV}=0.73$ SR NC FLOATING | KELE BOM | 1 | \$674.93 | 38\% | \$418.46 |
| VG7441CT/423B | JOHNSON CONTROLS (LIMITED P $2 \mathrm{~W} 1 / 2 \mathrm{CV}=0.73$ SR NC 2 -POS | KELE BOM | 1 | \$611.56 | 38\% | \$379.17 |

The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Inctled] Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
products by the authorized user. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (HAb to comm tate

Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned instalaalo, systems integration, or mainten

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtub showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The conrract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, el. to be purchased from these contracts for any other purposes, including, but not imited to
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
. Itegrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc, which are Factory-Monted HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integra
products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, to communicate ame

Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or mainten

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B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

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A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' location in the event of a fire or emergency.

| Wooel Mumber | Wantiacturer Prostuct Desatiplion | Product Cose | $\begin{gathered} \text { "Warranty Period - \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54 \text { " } \end{gathered}$ | List Price | \% Discoum | Nss Nel Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| VG7842PT72CHGC | JOHNSON CONTROLS (LIMITED P 1.25IN 3WFLTG W/SWCH SR CV18.5 | KELE BOM | 1 | \$1,788.39 | 38\% | \$1,108.80 |
| VG7842RT | JOHNSON CONTROLS (LIMITED P 3W 1-1/2in NPT VALVE CV = 28.9 | VG7842RT | 1 | \$864.00 | 38\% | \$535.68 |
| VG7842RT/74CHGA | Johnson Controls (LIMITED P 3W 1-1/2 CV=28.9 SR DOWN 2P/FLOAT/PROP | KELE BOM | 1 | \$1,818.84 | 38\% | \$1,127.68 |
| vg7842RT71CAGA | JOHNSON CONTROLS (LIMITED P 1.5IN 3W NPT 2POS NSR CV=28.9 | KELE Bom | 1 | \$1,573.60 | 38\% | \$975.63 |
| vG7842RT71CAGC | Johnson Controls (LIMITED P 1.5IN3W 2 POS NSR CV= 28.9 W/SWC | KELE BOM | 1 | \$1,555.86 | 38\% | \$964.63 |
| VG7842RT71CHGA | JOHNSON CONTROLS (LIMITED P 1.5IN 3W 2POS MOD NSR CV=28.9 | KELE BOM | 1 | \$1,600.86 | 38\% | \$992.53 |
| vG7842RT71CHGC | JOHNSON CONTROLS (LIMITED P 1.5IN 3W2POS MOD W/SWCH CV=28.9 | KELE Bom | 1 | \$1,555.86 | 38\% | \$964.63 |
| vG7842RT72CHGA | Johnson Controls (LIMITED P 1.5IN 3W 2POS NPT SR CV=28.9 | KELE Bom | 1 | \$1,818.84 | 38\% | \$1,127.68 |
| vG7842RT72CHGC | JOHNSON CONTROLS (LIMITED P 1.5IN 3WFLTG W/SWCH SR CV=28.9 | KELE Bom | 1 | \$1,941.45 | 38\% | \$1,203.70 |
| VG7842ST | JOHNSON CONTROLS (LIMITED P 3W 2 In NPT VALVE CV $=46.2$ | VG7842ST | 1 | \$1,050.00 | 38\% | \$651.00 |
| VG7842ST/74CHGA | JOHNSON CONTROLS (LIMITED P 3W 2 CV=46.2 SR DOWN 2P/FLOAT/PROP | KELE BOM | 1 | \$2,017.45 | 38\% | \$1,250.82 |
| VG7842ST/823CP | JOHNSON CONTROLS (LIMITED P 3W 2 CV=46.2, 3 -7 PSI W/POS SR UP | KELE BOM | 1 | \$2,020.65 | 38\% | \$1,252.80 |
| VG7842ST/823DP | JOHNSON CONTROL (LIMITED P 3W $2 \mathrm{CV}=46.2,4-8$ PSI W/POS SR UP | KELE BOM | 1 | \$2,020.65 | 38\% | \$1,252.80 |
| vg7842ST71CAGA | JOHNSON CONTROLS (LIMITED P 2IN 3W NPT 2POS NSR CV=46.2 | KELE Bom | 1 | \$1,772.21 | 38\% | \$1,098.77 |
| vg7842ST71CAGC | Johnson Controls (LIMITED P 2in 3W NPT 2POS W/SWCH CV=46.2 | KELE Bom | 1 | \$1,754.47 | 38\% | \$1,087.77 |
| vG7842ST71CHGA | Johnson Controls (LIMTED P PIN 3W NSR MOD CV=46.2 | KELE Bom | 1 | \$1,799.47 | 38\% | \$1,115.67 |
| VG7842ST71CHGC | JOHNSON CONTROLS (LIMITED P PIN 3W 2POS MOD W/SWCH CV=46.2 | KELE BOM | 1 | \$1,754.47 | 38\% | \$1,087.77 |
| VG7842ST72CHGA | Johnson Controls (LIMITED P 2IN 3W 2POS NPT SR CV=46.2 | KELE BOM | 1 | \$2,017.45 | 38\% | \$1,250.82 |
| VG7842ST72CHGC | JOHNSON CONTROLS (LIMITED P 2IN 3WFLTG W/SWCH SR CV=46.2 | KELE BOM | 1 | \$2,140.06 | 38\% | \$1,326.84 |
| VG7842ST823E | Johnson Controls (LIMITED P 3W 2" FNPT CV=46.20 9-13PSI | KELE BOM | 1 | \$1,694.85 | 38\% | \$1,050.81 |
| Y20DAA-2 | JOHNSON CONTROLS (LIMITED P DAMPER LINKAGE ASSEMBLY | Y20DAA-2 | 1 | \$85.94 | 38\% | \$53.28 |
| Y20EBE-2 | Johnson controls (LIMITED P M100 Valve Linkage kit | Y20EBE-2 | 1 | \$60.00 | 38\% | \$37.20 |
| PD-AHU-2436 | Johnson controls (LIMITED P 24x36x9 Johnson panel | KELE Bom | 1 | \$977.35 | 38\% | \$605.96 |
| PD-AHU-3030 | Johnson controls (LIMITED P 30X30X9 Johnson Panel | KELE BOM | 1 | \$1,068.81 | 38\% | \$662.66 |
| PD-DX-2424F | Johnson Controls (LIMITED P 24x24X9 Johnson Panel | KELE Bom | 1 | \$884.02 | 38\% | \$548.09 |
| PD-DX-2430F | JOHNSON CONTROLS (LIMITED P 24x30x9 Johnson Panel | KELE Bom | 1 | \$984.92 | 38\% | \$610.65 |
| PD-DX-2436F | Johnson Controls (LIMITED P 24x36x9 Johnson Panel | KELE BOM | 1 | \$1,041.59 | 38\% | \$645.79 |
| PD-DX-3042 | Johnson Controls (LIMITED P 30X42X9 Johnson Panel | KELE BOM | 1 | \$1,337.04 | 38\% | \$828.96 |
| PD-DX-3648F | Johnson Controls (LIMITED P 36x48x9 Johnson panel | KELE Bom | 1 | \$1,408.50 | 38\% | \$873.27 |
| PD-DX-NNNNF | Johnson Controls (LIMITED P 24x24X9 Johnson Panel | KELE Bom | 1 | \$886.66 | 38\% | \$549.73 |
| PD-DX-NNNNS | Johnson Controls (LIMITED P 24x30x9 Johnson Panel | KELE BOM | 1 | \$987.56 | 38\% | \$612.29 |
| PD-UNT 110-2424 | Johnson Controls (LIMITED P 24x24X9 Johnson panel | kELE BOM | 1 | \$797.22 | 38\% | \$494.28 |
| PD-UNT $110-2430$ | Johnson Controls (LIMITED P $24 \times 30 \times 9$ Johnson Panel | KELE BOM | 1 | \$863.74 | 38\% | \$535.52 |
| PD-UNT 111-2424 | Johnson Controls (LIMITED P 24x24x9 Johnson Panel | KELE BOM | 1 | \$762.84 | 38\% | \$472.96 |
| PD-UNT111-2430 | Johnson Controls (LIMITED P 24x30X9 Johnson Panel | KELE BOM | 1 | \$971.38 | 38\% | \$602.26 |
| F61KB-11 | JOHNSON CONTROLS (LIMITED P LIQUID FLOW SWITCH | F61KB-11C | 1 | \$209.88 | 38\% | \$130.13 |
| F61KD-3 | JOHNSON CONTROLS (LIMITED P FLOW SWITCH LO FLOW RATE NEMAI | F61KD-3C | 1 | \$279.97 | 38\% | \$173.58 |
| F61KD-4 | JOHNSON CONTROLS (LIMITED P FLOW SWITCH LO FLOW Rate nemai | F61KD-4c | 1 | \$279.97 | 38\% | \$173.58 |
| F61MB-1 | Johnson Controls (LIMITED P FLOW SWITCH W/STAIILESS TR | F61mb-1C | 1 | \$345.97 | 38\% | \$214.50 |
| F61MD-1 | JOHNSON CONTROLS (LIMITED P FLOW SWITCH LO FLOW RATE NEMA4 | F61MD-1C | 1 | \$401.21 | 38\% | \$248.75 |
| F61md-2 | JOHNSON CONTROLS (LIMITED P FLOW SWITCH LO FLOW RATE NEMA4 | F61MD-2C | 1 | \$403.23 | 38\% | \$250.00 |
| F62AA-8C | Johnson Controls (LIMITED P AIR FLOW SWITCH; SPDT; 2-1/8x6-7/8 PADDLE | F62AA-8C | 1 | \$236.34 | 38\% | \$146.53 |
| F63BF-1 | JOHNSON CONTROLS (LIMITED P FLoat SWITCH - VAPOR TIGHT | F63BF-1C | 1 | \$601.18 | 38\% | \$372.73 |
| HE-67N3-ONOBT | JOHNSON CONTROLS (LIMITED P WALL MOUNT HUMIDITY TRANSMITTER | he-67N3--NOBT | 1 | \$462.13 | 38\% | \$286.52 |
| W43A-14C | JOHNSON CONTROLS (LIMITED P HUMIDISTAT, 6 AMP @ 120VAC | W43A-14C | 1 | \$256.02 | 38\% | \$158.73 |
| KTEC26472 | JOHNSON CONTROLS (LIMITED P ZONE CONTROLLER BACNET MSTP | KELE BOM | 1 | \$720.38 | 38\% | \$446.64 |
| MS-BACEOL-0 | Johnson Controls (LIMITED P EOL R485 TERMINATOR | MS-BACEOL-0 | 1 | \$127.00 | 38\% | \$78.74 |
| TEC2104-4 | JOHNSON CONTROLS (LIMITED P COMMUnicating T-Stat, N2 | TEC2104-4 | 1 | \$789.99 | 38\% | \$489.79 |
| F-1000-79 | Johnson Controls (LIMITED P J/C NYLON TIE ANCHORS (100 PER PKG.) | F-1000-79 | 1 | \$92.00 | 38\% | \$57.04 |
| X-F-1000-331 | Johnson Controls (LIMITED P Individual F-1000-331 | X-F-1000-331 | 1 | \$0.35 | 38\% | \$0.22 |
| A-4000-1037 | JOHNSON CONTROLS (LIMITED P IN-LINE OIL FILTER 1/4in BARB. | A-4000-1037 | 1 | \$265.00 | 38\% | \$164.30 |
| A-4000-149 | Johnson Controls (LIMITED P Filter, Coalescing, 20 SCFM | A-4000-1049 | 1 | \$504.00 | 38\% | \$312.48 |
| A-4000-6001 | Johnson Controls (LIMITED P Filter Coalesc 40 SCFM AUTO DRAIN DPI | A-4000-6001 | 1 | \$938.00 | 38\% | \$581.56 |
| A-4000-604 | Johnson Controls (LIMITED P FILTER CARTRIDGE 20 SCFM | A-4000-604 | 1 | \$162.00 | 38\% | \$100.44 |
| A-4000-632 | JOHNSON CONTROLS (LIMITED P CHARCOAL FILTER 10 SCFM | A-4000-632 | 1 | \$398.00 | 38\% | \$246.76 |
| A-4000-633 | JOHNSON CONTROLS (LIMITED P CHARCOAL FILTER 20 SCFM | A-4000-633 | 1 | \$489.00 | 38\% | \$303.18 |
| A40EA-1C | JOHNSON CONTROLS (LIMITED P PNEU.TEMP.CTL, 15/55,DIFF 5 | A40EA-1C | 1 | \$478.60 | 38\% | \$296.73 |
| C-2220-13 | Johnson Controls (LIMITED P Hi Lo Press selector master | C-2220-13 | 1 | \$172.00 | 38\% | \$106.64 |
| C-2220-14 | Johnson Controls (LIMITED P Hi Lo Press selector slave | C-2220-14 | 1 | \$136.00 | 38\% | \$84.32 |
| D-251-6000 | JOHNSON CONTROLS (LIMTED P REPLACEMENT DIAPHRAGM NO 3 | D-251-6000 | 1 | \$143.00 | 38\% | \$88.66 |
| D-3031-3 | JOHNSON CONTROLS (LIMITED P PNEUMATIC ACTUATOR, 5 -10PSIG | D-3031-3 | 1 | \$144.00 | 38\% | \$89.28 |
| D-3062-1 | JOHNSON CONTROLS (LIMITED P DAMPER ACTUATOR 3-7\#, 2inSTROKE | D-3062-1 | 1 | \$180.00 | 38\% | \$111.60 |
| D-3062-100 | JOHNSON CONTROLS (LIMITED P UNIVERSAL MOUNTING BRACKET | D-3062-100 | 1 | \$165.78 | 38\% | \$102.78 |
| D-3062-101 | Johnson Controls (LIMITED P AUXILIARY MOUnTING Bracket | D-3062-101 | 1 | \$102.00 | 38\% | \$63.24 |
| D-3062-2 | JOHNSON CONTROLS (LIMITED P DAMPER ACTUATOR 5-10\#,2inTROKE | D-3062-2 | 1 | \$180.00 | 38\% | \$111.60 |
| D-3153-1 | JOHNSON CONTROLS (LIMTEED P DAMPER ACT.8-13SR W/BKT \& POS. | D-3153-1 | 1 | \$814.00 | 38\% | \$504.68 |
| D-3153-110 | JOHNSON CONTROLS (LIMITED P PIVOT POST | D-3153-110 | 1 | \$12.00 | 38\% | \$7.44 |
| D-3153-2 | Johnson Controls (LIMITED P DAMPER ACT.8-13SR w/Univ.brkt. | D-3153-2 | 1 | \$581.00 | 38\% | \$360.22 |
| D-3153-3 | JOHNSON CONTROLS (LIMITED P DMP.ACT. 5-10\#,3inSTROKE | D-3153-3 | 1 | \$559.24 | 38\% | \$366.73 |
| D-3153-4 | JOHNSON CONTROLS (LIMITED P DAMPER ACT. 8-13\#, 3in STROKE | D-3153-4 | 1 | \$814.00 | 38\% | \$504.68 |
| D-3153-5 | Johnson Controls (LIMITED P 8-13 PSI ACTUATOR | D-3153-5 | 1 | \$555.00 | 38\% | \$34.10 |
| D-3153-5130 | JOHNSON CONTROLS (LIMITED P PNEU ACT, 8-13PSIG | D-3153-5130 | 1 | \$321.00 | 38\% | \$199.02 |
| D-3153-6 | Johnson Controls (LIMITED P 5-10 PSI ACTUATOR | D-3153-6 | 1 | \$559.06 | 38\% | \$346.62 |
| D-3244-1 | JOHNSON CONTROLS (LIMITED P DMPR ACT 8-13 FLOOR MT, 10.2 STR, POS | D-3244-1 | 1 | \$4,679.00 | 38\% | \$2,900.98 |
| D-3244-2 | JOHNSON CONTROLS (LIMITED P DUPLEX PNEU ACT W/ FLOOR MOUNT | D-3244-2 | 1 | \$5,611.00 | 38\% | \$3,478.82 |
| D-3244-3 | JOHNSON CONTROLS (LIMITED P 8-13\#, 4instroke,w/SWIVEL | D-3244-3 | 1 | \$1,487.00 | 38\% | \$921.94 |
| D-3244-5100 | JOHNSON CONTROLS (LIMITED P PNEU ACT, 8-13PSIG POS | D-3244-5100 | 1 | \$955.00 | 38\% | \$592.10 |
| D-3244-5110 | JOHNSON CONTROLS (LIMITED P PNEU ACT, 8-13PSIG | D-3244-5110 | 1 | \$526.00 | 38\% | \$326.12 |
| D-3244-615 | JOHNSON CONTROLS (LIMITED P JCI DiAPHRAM FOR D-3244-3 (2-pack) | D-3244-615 | 1 | \$399.99 | 38\% | \$247.99 |
| D-3246-3 | JOHNSON CONTROLS (LIMITED P DUPLEX PNEU ACT W/ FLOOR MOUNT | D-3246-3 | 1 | \$6,734.00 | 38\% | \$4,175.08 |
| D-3246-5100 | JOHNSON CONTROLS (LIMTED P PNEU ACT, 8 -13PSIG POS | D-3246-5100 | 1 | \$1,258.00 | 38\% | \$779.96 |
| D-3246-5110 | Johnson Controls (LIMTTED P PNEU ACT, 8-13PSIG W/O POS | D-3246-5110 | 1 | \$889.00 | 38\% | \$551.18 |
| D-4073-1 | JOHNSON CONTROLS (LIMITED P DMP.ACT. 8-13\#, 3in STROKE | D-4073-1 | 1 | \$637.00 | 38\% | \$394.94 |
| D-4073-2 | JOHNSON CONTROLS (LIMITED P DAMPER ACT.3-13 SR W/UNIV.BRKT | D-4073-2 | 1 | \$416.42 | 38\% | \$258.18 |
| D-4073-3 | JOHNSON CONTROLS (LIMITED P DMPR ACT 5-10 W/UNIV BRACKET | D-4073-3 | 1 | \$416.60 | 38\% | \$258.29 |
| D-4073-4 | JOHNSON CONTROLS (LIMITED P DMPR ACT 8-13 W/AUX BRACKET, POS | D-4073-4 | 1 | \$638.00 | 38\% | \$395.56 |
| D-4073-5 | Johnson Controls (LIMITED P DMPr ACT 8-13 W/AUX BRACKET | D-4073-5 | 1 | \$344.40 | 38\% | \$213.53 |
| D-4073-6 | Johnson Controls (LIMITED P DMPr ACT 5-10 W/AUX BRACKET | D-4073-6 | 1 | \$339.55 | 38\% | \$210.52 |
| D-9502-5 | JOHNSON CONTROLS (LIITED P POSITIIONER KIT FOR D3244 \& 46 | D-9502-5 | 1 | \$400.00 | 38\% | \$248.00 |
| D-9502-8 | Johnson Controls (LIMITED P SINGLE STAGE PILOT POSITIONER | D-9502-8 | 1 | \$418.00 | 38\% | \$259.16 |
| D3246-1 | JOHNSON CONTROLS (LIMITED P 8-13\#, 6in STROKE, SWI.MTD | D-3246-1 | 1 | \$1,400.00 | 38\% | \$868.00 |
| D3246-2 | JOHNSON CONTROLS (LIMITED P DIRECT ACTING, 8 8-13\#, PILOT POS. | D-3246-2 | 1 | \$1,772.00 | 38\% | \$1,098.64 |
| F-1000-323 | JOHNSON CONTROLS (LIMITED P J/C $5 / 32$ TO 1/4in BARB PLUG PKG100 | F-1000-323 | 1 | \$297.00 | 38\% | \$184.14 |
| H-5502-1004 | JOHNSON CONTROLS (LIMITED P PNEUMATIC HUMIDITY INDICATOR | H-5502-1004 | 1 | \$148.00 | 38\% | \$91.76 |
| JC-5309 | Johnson controls (LIMITED P ALLEN HEAD FLEX SCREWDRIVER | JC 5309 | 1 | \$38.00 | 38\% | \$23.56 |
| JC-5310 | Johnson Controls (LIMITED P Control line test gage | JC 5310 | 1 | \$75.00 | 38\% | \$46.50 |
| MP8000-6012 | Johnson Controls (LIMITED P SEAL REPAIR TOOL | MP8000-6012 | 1 | \$481.00 | 38\% | \$298.22 |
| MP8210001B | JOHNSON CONTROL (LIMITED P ACT.8SPRING 3-7PSI W/LINKAGE | MP821C001B | 1 | \$919.00 | 38\% | \$569.78 |
| MP821E001B | Johnson Controls (LIMITED P ACT.\& SPRING 9-13PSI W/LINKAGE | MP821E001B | 1 | \$815.00 | 38\% | \$505.30 |
| MP822C001A | JOHNSON CONTROLS (LIITTED P ACT.\& SPRING 3-7PSI W/LINKAGE | MP822C001A | 1 | \$815.00 | 38\% | \$505.30 |
| MP822D001A | JOHNSON CONTROLS (LIIITED P ACT.\& SPRING 4-8PSI W/LINKAGE | MP822D001A | 1 | \$815.00 | 38\% | \$505.30 |
| MP822E001A | Johnson Controls (LIMITED P ACT \& SPRING 9-13PSI W/LINKAGE | MP822E001A | 1 | \$802.00 | 38\% | \$497.24 |
| MP823C001A | Johnson Controls (LIMITED P ACT.\& SPRING 3-7 PSI W/LINKAGE | MP823C001A | 1 | \$815.00 | 38\% | \$505.30 |
| MP823D001A | Johnson Controls (LIMITED P ACT.\& SPRING 4.8 PSI W/LINKAGE | MP823D001A | 1 | \$815.00 | 38\% | \$505.30 |
| MP823E001A | Johnson Controls (LIMITED P ACT \& SPRING 9-13PSI W/LINKAGE | MP823E001A | 1 | \$802.00 | 38\% |  |

The scope of this contract includes the following
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted Inc Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance: and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementiond installaio, systems integration, or mainten er of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Moodel Number | Mantiactuer ${ }^{\text {a }}$ | Product Code | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| P-5210-1002 | JOHNSON CONTROLS (LIMTED P PNEU PRESSURE TRANS 0-100 PSIG | P-5210-1002 | 1 | \$631.00 | 38\% | NTS Nat Price |
| P-5217-5 | Johnson Controls (LIMITED P diff Pressure trans 0-5 5 In Wg | P-5217-5 | 1 | \$1,428.00 | 38\% | \$885.36 |
| P-521-7 | JOHNSON CONTROLS (LIMITED P DIFF PRESSURE TRANS 0-5.0 IN WG | P-5217-7 | 1 | \$1,428.00 | 38\% | \$885.36 |
| P10PA-11C | JOHNSON CONTROLS (LIMITED P 3/20 PSIG 3-STAGE W/MTG BKT | P10PA-11C | 1 | \$351.55 | 38\% | \$217.96 |
| R-130-1 | JOHNSON CONTROLS (LIMITED P REVERSING CONTROL | R-130-1 | 1 | \$107.00 | 38\% | \$66.34 |
| R-130-100 | JOHNSON CONTROLS (LIMITED P RELAY PNEUMATIC | R-130-100 | 1 | \$48.00 | 38\% | \$29.76 |
| R-3710-2010 | Johnson Controls (LIMITED P RESTRICTOR,ADJUSTABLE | R-3710-2010 | 1 | \$98.00 | 38\% | \$60.76 |
| R-3710-3005 | JOHNSON CONTROLS (LIMITED P 0.00 Sin RED RESTRICTOR TEES | R-3710-3005 | 1 | \$18.00 | 38\% | \$11.16 |
| S-224-1 | Johnson controls (LIMITED P SWITCH,GRAD., 20PSI SPAN | S-224-1 | 1 | \$828.00 | 38\% | \$513.36 |
| S-2300-1 | Johnson Controls (LIMTED P SWITCH PN SELECTOR | S-2300-1 | 1 | \$308.00 | 38\% | \$190.96 |
| T-4000-119 | Johnson controls (LIMITED P ALLEN HeAd Adj. TOOL; BLUE | T-4000-119 | 1 | \$10.97 | 38\% | \$6.80 |
| T-4000-2138 | JOHNSON CONTROLS (LIMITED P BLANK T'STAT COVER | T-4000-2138 | 1 | \$29.88 | 38\% | \$18.53 |
| T-4000-2141 | JOHNSON CONTROLS (LIMITED P HORIZONTAL COVER W/WINDOW | T-4000-2141 | 1 | \$29.88 | 38\% | \$18.53 |
| T-4000-2142 | Johnson Controls (LIMITED P Cover w/ci Logo Sp window | T-4000-2142 | 1 | \$37.97 | 38\% | \$23.54 |
| T-4000-2145 | JOHNSON CONTROLS (LIMITED P VERTICAL LOVER W/WINDOW | T-4000-2145 | 1 | \$26.57 | 38\% | \$16.47 |
| T-4000-2644 | JOHNSON CONTROLS (LIMITED P VERTICAL FACEPLATE W/JCI LOGO | T-4000-2644 | 1 | \$28.16 | 38\% | \$17.46 |
| T-4000-3141 | Johnson Control (LIMITED P PNEUMATIC T-STAT COVER, HOR, White | T-4000-3141 | 1 | \$27.84 | 38\% | \$17.26 |
| T-4000-3142 | JOHNSON CONTROLS (LIMITED P COVER; WHITE PLASTIC; HRZ; 1 W \& T | T-4000-3142 | 1 | \$36.12 | 38\% | \$22.39 |
| T-4000-3144 | Johnson Controls (LIMITED P COVER; White Plastic;Vert; CONC; NO-T | T-4000-3144 | 1 | \$27.84 | 38\% | \$17.26 |
| T-4000-611 | JOHNSON CONTROLS (LIMITED P CONVERSIION KIT dUAL TEMP | T-4000-611 | 1 | \$52.64 | 38\% | \$32.64 |
| T-4002-122 | JOHNSON CONTROLS (LIMITED P 2-PIPE MTG STR FIT 10PAK | T-4002-122 | 1 | \$175.48 | 38\% | \$108.80 |
| T-4002-123 | Johnson Controls (LIMITED P 2-PIPE MTG STR FITTINGS | T-4002-123 | 1 | \$12.67 | 38\% | \$7.86 |
| T-4002-125 | Johnson Controls (LIMITED P PLASTIC BACK, FACEPLATE | T-4002-125 | 1 | \$131.30 | 38\% | \$81.41 |
| T-4002-201 | JOHNSON CONTROLS (LIMITED P ROOM T-STAT,DIRECT,SINGLE TEMP | T-4002-201 | 1 | \$194.88 | 38\% | \$120.83 |
| T-4002-202 | Johnson Controls (LIMITED P ROom T-STAT,REVERSE,SINGLE TMP | T-4002-202 | 1 | \$195.92 | 38\% | \$121.47 |
| T-4002-203 | JOHNSON CONTROLS (LIMITED P PNEUMATIC THERMOSTAT DA 55-85F | T-4002-203 | 1 | \$195.92 | 38\% | \$121.47 |
| T-4002-204 | JOHNSON CONTROLS (LIMITED P PNEUMATIC THERMOSTAT RA 55-85F | T-4002-204 | 1 | \$195.92 | 38\% | \$121.47 |
| T-4002-3000 | JOHNSON CONTROLS (LIMITED P WIRE THERMOSTAT GUARD | T-4002-3000 | 1 | \$66.23 | 38\% | \$41.06 |
| T-4002-3004 | Johnson Controls (LIMITED P Metal horizontal cover | T-4002-3004 | 1 | \$169.95 | 38\% | \$105.37 |
| T-4002-301 | Johnson Controls (LIMITED P PHEU. 2-IPPE, T'STAT(WHITE)DA | T-4002-301 | 1 | \$289.97 | 38\% | \$179.78 |
| T-4002-302 | JOHNSON CONTROLS (LIMITED P PHEN. 2-PIPE T'STAT (WHITE) RA | T-4002-302 | 1 | \$289.97 | 38\% | \$179.78 |
| T-4002-303 | Johnson Controls (LIMITED P PNEU.2-PIPE T'STAT (Beige)d.a. | T-4002-303 | 1 | \$289.97 | 38\% | \$179.78 |
| T-4002-304 | Johnson Controls (LIMITED P Phen.2-PIPE T'STAT (BEIGE)R.A | T-4002-304 | 1 | \$289.97 | 38\% | \$179.78 |
| T-4002-5012 | JOHNSON CONTROLS (LIMITED P KNOB W/SCREW ( PRICE EACH, BAG OF 10 ONLY) | T-4002-5012 | 1 | \$4.95 | 38\% | \$3.07 |
| T-4002-5017 | Johnson Controls (LIMITED P SET POINT DiAL; HORZ; F | T-4002-5017 | 1 | \$10.08 | 38\% | \$6.25 |
| T-4002-6038 | JOHNSON CONTROLS (LIMITED P PLASTER GROUND PLATE | T-4002-6038 | 1 | \$38.03 | 38\% | \$23.58 |
| T-4054-2 | Johnson Controls (LIMITED P PNEU STAT, R.A. DUAL TEMP | T-4054-2 | 1 | \$286.48 | 38\% | \$177.62 |
| T-4100-2 | Johnson Controls (LIMITED P PNEU STAT, R.A. SİGLE TEMP | T-4100-2 | 1 | \$215.09 | 38\% | \$133.36 |
| T-4506-203 | JOHNSON CONTROLS (LIMITED P ROOM T'STAT,DIRECT,DAY/NiGHT | T-4506-203 | 1 | \$363.85 | 38\% | \$225.59 |
| T-4506-217 | Johnson controls (LIMITED P STAT W/O SW Rev horiz F | T-4506-217 | 1 | \$363.85 | 38\% | \$225.59 |
| T-4752-201 | JOHNSON CONTROLS (LIMITED P PNEUMATIC THERMOSTAT | T-4752-201 | 1 | \$336.19 | 38\% | \$208.44 |
| T-4756-201 | JOHNSON CONTROLS (LIMITED P ROOM T'STAT, DIRECT,HEAT/COOL | T-4756-201 | 1 | \$355.93 | 38\% | \$220.68 |
| T-4756-2141 | JOHNSON CONTROL (LIMITED P Horizontal cover for t-4054 | T-4756-2141 | 1 | \$26.99 | 38\% | \$16.73 |
| T-4756-2145 | JOHNSON CONTROLS (LIIITED P VERTICAL COVER FOR T-4054 | T-4756-2145 | 1 | \$37.39 | 38\% | \$23.18 |
| T-5002-201 | Johnson Controls (LIMITED P TEMPERATURE TRANS 50-100F | T-5002-201 | 1 | \$413.00 | 38\% | \$256.06 |
| T-5210-1002 | JOHNSON CONTROLS (LIMITED P DUCT T'STAT TRANSMITTER 0-100F | T-5210-1002 | 1 | \$430.00 | 38\% | \$266.60 |
| T-5210-1004 | JOHNSON CONTROLS (LIMITED P DUCT TEMP.TRANSMITTER 40-240F | T-5210-1004 | 1 | \$430.00 | 38\% | \$266.60 |
| T-5210-1009 | JOHNSON CONTROLS (LIMITED P TEMP TRANS 0-100F 8FT AVG | T-5210-1009 | 1 | \$486.00 | 38\% | \$301.32 |
| T-5210-2002 | Johnson Controls (LIMITED P TEMP TRANS 0 -200C B-BULB | T-5210-2002 | 1 | \$430.00 | 38\% | \$266.60 |
| T-5502-1003 | JOHNSON CONTROLS (LIIITED P TEMPERATURE TRANSMITTER PNEUMATIC | T-5502-1003 | 1 | \$157.00 | 38\% | \$97.34 |
| T-5800-1 | Johnson Controls (LIMITED P RECEIVER/CONTROLLER | T-5800-1 | 1 | \$1,234.00 | 38\% | \$765.08 |
| T-5800-2 | JOHNSON CONTROLS (LIMITED P RECEIVER/CONTROLER, INTEGR. | T-5800-2 | 1 | \$1,791.00 | 38\% | \$1,110.42 |
| T-5800-3 | JOHNSON CONTROLS (LIMITED P REC/CONTROLER, DUAL, PROPORTIONAL | T-5800-3 | 1 | \$1,705.00 | 38\% | \$1,057.10 |
| T-5800-4 | JOHNSON CONTROLS (LIMITED P RECEIVER/CONTROLER, InTEGR. | T-5800-4 | 1 | \$2,186.00 | 38\% | \$1,355.32 |
| T-800-1603 | Johnson Controls (LIMITED P BuLb FLANGE | T-800-1603 | 1 | \$51.00 | 38\% | \$31.62 |
| T-8000-6 | JOHNSON CONTROLS (LIMITED P THERMOSTAT 8 In Avg 15 FT CAP | T-8000-6 | 1 | \$1,145.00 | 38\% | \$709.90 |
| T4054-1 | JOHNSON CONTROLS (LIMITED P PNEU. STAT D.A. DUAL TEMP | T-4054-1 | 1 | \$286.48 | 38\% | \$177.62 |
| T4100-1 | Johnson Controls (LIMITED P 1 PIPE PHEU STAT DA 55 TO 85F | T-4100-1 | 1 | \$215.09 | 38\% | \$133.36 |
| V -3000-1 | Johnson Controls (LIMITED P V-3000-1 Johnson | V -3000-1 | 1 | \$182.00 | 38\% | \$112.84 |
| v -3000-6000 | JOHNSON CONTROLS (LIMITED P DIAPHRAGM FOR V-3000-1(2 pak) | $\mathrm{v}-3000-6000$ | 1 | \$206.00 | 38\% | \$127.72 |
| v-9502-23 | JOHNSON CONTROLS (LIMITED P POSITIONER FOR 4R, 5/16" STEM | v-9502-23 | 1 | \$371.00 | 38\% | \$230.02 |
| v -9502-612 | JOHNSON CONTROLS (LIMITED P SPRING KIT FOR JCI POSITTIONER | V -9502-612 | 1 | \$33.00 | 38\% | \$20.46 |
| V-9502-6801 | JOHNSON CONTROLS (LIMITED P SPRG KIT For v9502-75(3,5,10)\# | V-9502-6801 | 1 | \$41.00 | 38\% | \$25.42 |
| V-9502-75 | JOHNSON CONTROL (LIMITED P POS FOR V-3000-8001/NO RINGS | V -9502-75 | 1 | \$435.00 | 38\% | \$269.70 |
| v -9502-8100 | JOHNSON CONTROLS (LIIITED P SPRG KIT FOR V-9502-76 | V-9502-8100 | 1 | \$47.00 | 38\% | \$29.14 |
| v -9502-95 | JOHNSON CONTROLS (LIMITED P PNEU VALVE ACT POSTITIONER | v-9502-95 | 1 | \$214.32 | 38\% | \$132.88 |
| V11HAA-100 | Johnson controls (LIMITED P 3-way air valve 120/110V | V11HAA-100 | 1 | \$285.00 | 38\% | \$176.70 |
| V11HBA-100 | JOHNSON CONTROLS (LIMITED P 3-WAY AIR VALVE - $50 / 60 \mathrm{~Hz}$ | V11HBA-100 | 1 | \$275.00 | 38\% | \$170.50 |
| V11HCA-100 | Johnson Controls (LIMITED P 3-WAY Air valve 208V/50-60Hz | V11HCA-100 | 1 | \$275.00 | 38\% | \$170.50 |
| V11HDA-100 | JOHNSON CONTROLS (LIMITED P 3-WAY AIR VALVE 440/480V | V11HDA-100 | 1 | \$275.00 | 38\% | \$170.50 |
| V11HFA-100 | Johnson Controls (LIMITED P 3-way Air valve 277V 50/60Hz | V11HFA-100 | 1 | \$305.00 | 38\% | \$189.10 |
| V11HGA-100 | Johnson Controls (LIMTED P 3-WAY AIR Valve 24V | V11HGA-100 | 1 | \$305.00 | 38\% | \$189.10 |
| V11PNA-105 | JOHNSON CONTROLS (LIMITED P 3-WAY AIR VALVE 24VDC | V11PNA-105 | 1 | \$305.00 | 38\% | \$189.10 |
| VG7000-1001 | Johnson controls (LIMITED P V3000/VG V.ACT.3-6\#(1/2-3/4in) | VG7000-1001 | 1 | \$59.00 | 38\% | \$36.58 |
| VG7000-1002 | JOHNSON CONTROLS (LIMITED P V3000/VG V. ACT 4-8\# (1/2-3/4 IN) | VG7000-1002 | 1 | \$59.00 | 38\% | \$36.58 |
| VG7000-1007 | Johnson Controls (LIMITED P V3000/VG V.ACT.3-6\#( $11 / 2$-2in) | VG7000-1007 | 1 | \$59.00 | 38\% | \$36.58 |
| VG7000-1008 | Johnson Controls (LIMITED P V3000/VG V.Act.4-8\#( $11 / 2$-2in) | VG7000-1008 | 1 | \$59.00 | 38\% | \$36.58 |
| vg7000-1009 | JOHNSON CONTROLS (LIMITED P V3000/VG V.ACT 9-13\#( 1 1/2-2in) | VG7000-1009 | 1 | \$59.00 | 38\% | \$36.58 |
| VG7000-1010 | JOHNSON CONTROLS (LIMITED P V3801/VG V.ACT3-6\#(1/2-3/4in) | VG7000-1010 | 1 | \$51.00 | 38\% | \$31.62 |
| VG7000-1012 | Johnson Controls (LIMTED P V9801/VG V.ACT9-13\#\#(1/-3/4in) | VG7000-1012 | 1 | \$51.00 | 38\% | \$31.62 |
| VG7000-1015 | JOHNSON CONTROLS (LIMITED P V3801/VG V.ACT.M.SPRG(1/2-3/4in | vG7000-1015 | 1 | \$63.00 | 38\% | \$39.06 |
| Y63722-0 | JOHNSON CONTROLS (LIMITED P 50VA, 120/24V, PLATE MOUNTED | Y63T22-0 | 1 | \$ 104.88 | 38\% | \$65.03 |
| Y65A13-0 | JOHNSON CONTROLS (LIMITED P 40VA TRANSFORMER 120V/24V | Y65A13-0 | 1 | \$68.38 | 38\% | \$42.40 |
| Y65613-0 | JOHNSON CONTROLS (LIMITED P 40VA TRANSFORMER 24V/24V | Y65613-0 | 1 | \$37.88 | 38\% | \$23.49 |
| Y65T42-0 | Johnson controls (LIMITED P 40VA TRANSFORMER 120/24V HUB | Y65T42-0 | 1 | \$77.72 | 38\% | \$48.19 |
| Y66F12-0 | JOHNSON CONTROLS (LIMITED P 75VA TRANSFORMER 277-480/24V | Y66F12-0 | 1 | \$198.57 | 38\% | \$123.11 |
| Y66T12-0 | Johnson Controls (LIMITED P 75 VA TRANSFORMER 120/25V | Y66T12-0 | 1 | \$176.50 | 38\% | \$109.43 |
| Y68AA-1 | Johnson Controls (LIMITED P 40VA transformer 120/24VAC | Y68AA-1 | 1 | \$207.00 | 38\% | \$128.34 |
| DPT-2640-010 | Johnson Controls (LIMITED P 1-10 In WC TRANDUCER | DPT2640-010D | 1 | \$411.00 | 38\% | \$254.82 |
| DPT-2640-OR5D | JOHNSON CONTROLS (LIMITED P 0-0.5 In WC TRANDUCER | DPT2640-OR5D | 1 | \$416.00 | 38\% | \$257.92 |
| G-2010-5 | Johnson Controls (LIMITED P AIR GAUGE 1-1/2in | G-2010-5 | 1 | \$51.00 | 38\% | \$31.62 |
| G2010-1 | JOHNSON CONTROLS (LIMITED P JON-G2010-1 | G-2010-1 | 1 | \$197.00 | 38\% | \$122.14 |
| 62010-11 | Johnson Controls (LIMITED P AIR GAUGE 0-30\#\#0-200kPA | G-2010-11 | 1 | \$60.00 | 38\% | \$37.20 |
| P-7100-1 | JOHNSON CONTROLS (LIMITED P PNEU ELECTRIC SWITCH, 20AMP AT 480V | P-7100-1 | 1 | \$219.00 | 38\% | \$135.78 |
| P100AC1C | JOHNSON CONTROLS (LIITED P PRESS SW SPST OPENS LOW 5-20 PSI | P100AC-1C | 1 | \$71.01 | 38\% | \$44.03 |
| P100AP-2C | Johnson Controls (LIMITED P PRESSURE SWITCH OPENS ON FALL $35 \#$ | P100AP-2C | 1 | \$63.71 | 38\% | \$39.50 |
| P32AC-6C | Johnson Controls (LIMTTED P Jon-P32AC-6C | P32AC-6C | 1 | \$142.89 | 38\% | \$88.59 |
| P32AF-2-C | JOHNSON CONTROLS (LIMITED P CUSTOM CALIBRATED AIR SENSING SWITCH | KELE BOM | 1 | \$144.96 | 38\% | \$89.88 |
| P47AA-13C | Johnson Controls (LIMITED P Steam Pressure limit control | P47AA-13C | 1 | \$493.95 | 38\% | \$306.25 |
| P47AA-1C | Johnson Controls (LIMITED P Steam Pressure Limit control | P47AA-16 | 1 | \$429.96 | 38\% | \$266.58 |
| P47BA-1C | JOHNSON CONTROLS (LIMITED P STEAM PRESSURE LIMIT CONTROL | P47BA-1C | 1 | \$426.52 | 38\% | \$264.44 |
| P70NA-1C | JOHNSON CONTROLS (LIMITED P LOW PRESSURE CONTROL | P70NA-1C | 1 | \$355.24 | 38\% | \$220.25 |
| P74BA-1 | Johnson Controls (LIMITED P 8-70\# SPST OPEN ON DECREASE | P74BA-1C | 1 | \$357.38 | 38\% | \$221.58 |
| P74EA-8C | JOHNSON CONTROLS (LIMITED P SPDT LOW PRESS. DIFF. CONTROL | P74EA-8C | 1 | \$337.88 | 38\% | \$209.49 |
| P74FA-10C | JOHNSON CONTROLS (LIMITED P PRESSURE CTRL; RANGE 2/26 PSI; DIFF 1.5+/-1.2 PSI | P744A-10C | 1 | \$344.90 | 38\% | \$213.84 |

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1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
. Iterrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Monted HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integr.
products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor ontrolled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or mainten er of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtub .
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
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A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
. Itegrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Monted HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integr.
products by the authorized user.
products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintena e of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtub .
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor-controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens Displays, etc.)

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

|  |  |  | Warranty Period - \# of year(s) after |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | List Price | Discoumt | Nvs |
| A19ABC-76C | Johnson Controls (LIMITED P TEMP CTRL/30/100F/DIFF 3-12 ADJ/20FT CAP/SPDT | A19ABC-76C | 1 | \$229.19 | 38\% | \$142.10 |
| A19ABC-80C | Johnson Controls (LIMTED P TEMP CTRL/50/130F/DIFF 3.5-14 ADJ/8FT CAP/SPDT | A19ABC-80C | 1 | \$205.91 | 38\% | \$127.66 |
| A19ABC-82C | Johnson Controls (LIMITED P TEMP CTRL/100/240//DIFF 6-24 ADJ/6FT CAP/SPDT | A19ABC-82C | 1 | \$218.30 | 38\% | \$135.35 |
| A19ABC-83C | Johnson controls (LMITED P TEMP CTRL/100/300F/DIFF 7-28 ADJ/6FT CAP/SPDT | A19ABC-83C | 1 | \$196.50 | 38\% | \$121.83 |
| A19ABC-89CP | JOHNSON CONTROLS (LIMITED P TEMP CTRL/SS MOUNTING BASE/20/100F | A19ABC-89CP | 1 | \$187.35 | 38\% | \$116.16 |
| A19ABC-97C | Johnson Controls (LIMITED P TEMP CTRL | A19ABC-97C | 1 | \$148.31 | 38\% | \$91.95 |
| A19ACA-11C | JOHNSON CONTROL (LIMITED P TEMP CTRL/20/80F MAN RESET 6FT CAP SPST | A19ACA-11C | 1 | \$204.34 | 38\% | \$126.69 |
| A19ACA-14C | Johnson Controls (LIMITED P-30/100F 6' CAP | A19ACA-14C | 1 | \$209.97 | 38\% | \$130.18 |
| A19ACA-15C | Johnson Controls (LIMITED P TEMP CTRL-30/100F/MAN RESET/10FT CAP/SPST | A19ACA-15C | 1 | \$199.33 | 38\% | \$123.58 |
| A19ACA-17C | Johnson Controls (LIMITED P TEMP CTRL-30/100F/MAN RESET/20FT CAP/SPST | A19ACA-17C | 1 | \$233.01 | 38\% | \$144.47 |
| A19ACA-25C | JOHNSON CONTROLS (LIMITED P TEMP CTRL-5/28C/MAN RESET/6FT CAP/SPST | A19ACA-25C | 1 | \$191.23 | 38\% | \$118.56 |
| A19ACA-28C | Johnson controls (LIMITED P TEMP CTRL-35/40C/MAN RESET/6FT CAP/SPST | A19ACA-28C | 1 | \$191.23 | 38\% | \$118.56 |
| A19ACA-29C | Johnson Controls (LIMITED P TEMP CTRL/25/225F/MAN RESET/6FT CAP/SPST | A19ACA-29C | 1 | \$228.13 | 38\% | \$141.44 |
| A19ACA-31C | JOHNSON CONTROLS (LIMITED P TEMP CTRL-35/40C/MAN RESET/3M CAP/SPST | A19ACA-31C | 1 | \$205.09 | 38\% | \$127.16 |
| A19ACA-34C | JOHNSON CONTROLS (LIMITED P TEMP CTRL-30/50//MAN RESET/10FT CAP/SPST | A19ACA-34C | 1 | \$226.52 | 38\% | \$140.44 |
| A19ACC-5C | Johnson Controls (LIMITED P TEMP CTRL/DIRECT IMMERSION/MAN RESET | A19ACC-5C | 1 | \$226.96 | 38\% | \$140.72 |
| A19ACC-6C | JOHNSON CONTROLS (LIMITED P TEMP CTRL-30/100F/MAN RESET//6T CAP/SPDT | A $19 A C C-6 C$ | 1 | \$197.20 | 38\% | \$122.26 |
| A19ADB-10C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/200/550F/MAN RESET/6FT CAP/SPST | A19ADB-10C | 1 | \$312.58 | 38\% | \$193.80 |
| A19ADB-11C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/200/550F/MAN RESET/6FT CAP/SPST | A19ADB-11C | 1 | \$312.58 | 38\% | \$193.80 |
| A19ADB-22C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/90/325F/MAN RESET/8FT CAP/SPST | A19ADB-22C | 1 | \$210.61 | 38\% | \$130.58 |
| A19ADB-25C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/65/300F/MAN RESET/6FT CAP/SPDT | A19ADB-25C | 1 | \$221.02 | 38\% | \$137.03 |
| A19ADB-26C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/40/120C/MAN RESET/1.8M CAP/SPST | A19ADB-26C | 1 | \$209.11 | 38\% | \$129.65 |
| A19ADB-27C | Johnson Controls (LIMITED P TEMP CTRL/DIRECT IMMERSION/40/120C/MAN RESET | A19ADB-27C | 1 | \$179.18 | 38\% | \$111.09 |
| A19ADB-29C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/90/325//MAN RESET/10FT CAP/SPST | A19ADB-29C | 1 | \$211.36 | 38\% | \$131.04 |
| A19ADB-2C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/DRECT IMMERSIION/100/240//MAN RESET | A19ADB-2C | 1 | \$174.14 | 38\% | \$107.97 |
| A19ADB-31C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/90/325F/MAN RESET/10FT CAP/SPST | A19ADB-31C | 1 | \$248.55 | 38\% | \$154.10 |
| A19ADB-33C | Johnson Controls (LIMTTED P TEMP CTRL/50/200F/MAN RESET/6FT CAP/SPST | A19ADB-33C | 1 | \$227.37 | 38\% | \$140.97 |
| A19ADB-38C | Johnson Controls (LIMITED P TEMP CTRL | A19ADB-38C | 1 | \$247.60 | 38\% | \$153.51 |
| A19ADB-39C | Johnson Control (LIMITED P TEMP CTRL | A19ADB-39C | 1 | \$294.81 | 38\% | \$182.78 |
| A19ADB-42C | Johnson Controls (LIMITED P TEMP CTRL | A19ADB-42C | 1 | \$221.21 | 38\% | \$137.15 |
| A19ADC-10C | Johnson Controls (LIMITED P TEMP CTRL/200/550F/MAN RESET/8FT CAP/SPDT | A19ADC-10C | 1 | \$660.93 | 38\% | \$409.78 |
| A19ADC-11C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/200/550F/MAN RESET/10FT CAP/SPDT | A19ADC-11C | 1 | \$367.33 | 38\% | \$227.74 |
| A19ADC-31C | JOHNSON CONTROLS (LIMITED P REMOTE BULB 100/240, M RESET, 6 CAP,SPDT NEMA1 | A19ADC-31C | 1 | \$220.61 | 38\% | \$136.78 |
| A19ADC-37C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/90/325//MAN RESET/10FT CAP/SPDT | A19ADC-37C | 1 | \$223.05 | 38\% | \$138.29 |
| A19ADC-38C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/100/290C/MAN RESET/SPDT | A19ADC-38C | 1 | \$568.62 | 38\% | \$352.54 |
| A19ADC-39C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/65/300F/MAN RESET/6FT CAP/SPDT | A19ADC-39C | 1 | \$481.30 | 38\% | \$298.41 |
| A19ADC-40C | Johnson Controls (LIMITED P TEMP CTRL-3/107C/MAN RESET | A19ADC-40C | 1 | \$283.19 | 38\% | \$175.58 |
| A19ADC-42C | Johnson Controls (LIMITED P TEMP CTRL | A19ADC-42C | 1 | \$264.29 | 38\% | \$163.86 |
| A19AGA-24C | JOHNSON CONTROLS (LIMITED P TEMP CTRL-30/50F/7FT CAP/SPST/ENCL-OPEN | A19AGA-24C | 1 | \$158.78 | 38\% | \$98.44 |
| A19AGA-2C | Johnson Controls (LIMITED P TEMP CTRL/20/90F/10FT CAP/SPST/ENCL-OPEN | A19AGA-2C | 1 | \$168.04 | 38\% | \$104.18 |
| A19AGA-31C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/40/120F/DIFF 6FXX6FT CAP/SPST | A19AGA-31C | 1 | \$154.79 | 38\% | \$95.97 |
| A19AGA-37C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/40/120F/3OIN CAP/SPST | A19AGA-37C | 1 | \$159.28 | 38\% | \$98.75 |
| A19AGA-58C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/20/90//6FT CAP/SPST/ENCL-OPEN | A19AGA-58C | 1 | \$163.99 | 38\% | \$101.67 |
| A19AGA-60C | Johnson Controls (LMITED P TEMP CTRL/40/90F/48in CAP/SPST/ENCL-OPEN | A19AGA-60C | 1 | \$158.23 | 38\% | \$98.10 |
| A19AGA-70C | JOHNSON CONTROLS (LIMITED P TEMP CTRL-20/45F/DITF 2.5FFIXED ENCLOPEN | A19AGA-70C | 1 | \$159.36 | 38\% | \$98.80 |
| A19AGC-42C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/20/90//DiFF 3.5FXD6FT CAP/SPDT | A19AGC-42C | 1 | \$173.51 | 38\% | \$107.58 |
| A19AGC-66C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/0/150F/DIFF 6FXD 10FT CAP/SPDT | A19AGC-66C | 1 | \$277.71 | 38\% | \$172.18 |
| A19AGC-74C | JOHNSON CONTROLS (LIMTTED P TEMP CTRL/60/90F/24IN CAP/SPDT | A19AGC-74C | 1 | \$180.48 | 38\% | \$111.90 |
| A19AGC-76C | Johnson Controls (LIMTEED P TEMP CTRL/100/210F/STYLE 1/CAP 6FT | A19AGC-76C | 1 | \$131.36 | 38\% | \$81.44 |
| A19AGC-77C | Johnson Controls (LIMITED P TEMP CTRL | A19AGC-77C | 1 | \$84.95 | 38\% | \$52.67 |
| A19AGC-8000C | JOHNSON CONTROLS (LIMITED P TEMP CTRL-30/100F/DIFF 3FXD6FT CAP/SPDT | A19AGC-8000C | 1 | \$113.02 | 38\% | \$70.07 |
| A19AGC-83C | JOHNSON CONTROLS (LIMITED P TEMP CTRL OPEN CONSTRUCTION100/250F | A19AGC-83C | 1 | \$153.53 | 38\% | \$95.19 |
| A19AGD-18C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/20/90\%/6FT CAP/SPST | A19AGD-18C | 1 | \$159.28 | 38\% | \$98.75 |
| A19AGD-7C | JOHNSON CONTROLS (LIMITED P TEMP CTRL $30 / 50 /$ /5FT CAP/SPST | A19AGD-7C | 1 | \$158.23 | 38\% | \$98.10 |
| A19AGD-8000C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/30/50//GIN CAP/SPST/ENCL-OPEN | A19AGD-8000C | 1 | \$158.08 | 38\% | \$98.01 |
| A19AGF-10C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/40/90\%/DIFF 1.5FXD2FT CAP/SPDT | A19AGF-10C | 1 | \$191.61 | 38\% | \$118.80 |
| A19AGF-13C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/55/90/4/4T CAP/SPDT | A19AGF-13C | 1 | \$172.78 | 38\% | \$107.12 |
| A19AGF-15C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/REMOTE BULB TEMP CTRL | A19AGF-15C | 1 | \$195.00 | 38\% | \$120.90 |
| A19AGF-23C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/60/90F/DIFP 1.5FXD24IN CAP/SPDT | A19AGF-23C | 1 | \$177.31 | 38\% | \$109.93 |
| A19AGF-25C | JOHNSON CONTROLS (LIMTTED P TEMP CTRL/70/200F/8FT CAP/SPDT | A19AGF-25C | 1 | \$272.69 | 38\% | \$169.07 |
| A19AGF-31C | Johnson Controls (LIMITED P TEMP CTRL/40/90F//5T CAP/SPDT | A19AGF-31C | 1 | \$170.77 | 38\% | \$105.88 |
| A19AGF-36C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/0/150F/10FT CAP/SPDT | A19AGF-36C | 1 | \$282.59 | 38\% | \$175.21 |
| A19AGF-43C | Johnson Controls (LIMITED P TEMP CTRL/60/90F/DIFF 1.5FXD20FT CAP/SPDT | A19AGF-43C | 1 | \$285.50 | 38\% | \$177.01 |
| A19AGF-44C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/70/200F/8FT CAP/SPDT | A19AGF-44C | 1 | \$271.96 | 38\% | \$168.62 |
| A19aGF-9C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/40/90//DIFF 1.5FXDSFT CAP/SPDT | A19AGF-9C | 1 | \$191.61 | 38\% | \$118.80 |
| A19AHA-2C | Johnson Controls (LIMITED P TEMP CTRL | A19AHA-2C | 1 | \$167.67 | 38\% | \$103.96 |
| A19AHA-5C | Johnson Controls (LIMTED P TEMP CTRL/-15/50//4FT CAP/SPDT | A19AHA-5C | 1 | \$167.67 | 38\% | \$103.96 |
| A19athecc | JOHNSON CONTROLS (LIMITED P TEMP CTRL/DIFF 3-12 ADJ/6FT CAP/SPST | A19AHA-6C | 1 | \$159.85 | 38\% | \$99.11 |
| A19AHA-7C | Johnson Controls (LIMITED P TEMP CTRL-30 TO 100 DEGF/6FT CAP/SPST | A19AHA-7C | 1 | \$162.82 | 38\% | \$100.95 |
| A19AHC-10C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/-30/100/DIFF 3-12 ADJ/8FT CAP/SPDT | A19AHC-10C | 1 | \$158.41 | 38\% | \$98.21 |
| A19aHC-8C | JOHNSON CONTROLS (LIMITED P TEMP CTRL-30/180F/DIFF 3-12 ADJ/8FT CAP/SPDT | A19AHC-8C | 1 | \$159.28 | 38\% | \$98.75 |
| A19atC-9C | Johnson controls (LMITED P TEMP CTRL-30/180/DUALLCALE/8FT CAP/SPDT | A19AHC-9C | 1 | \$160.74 | 38\% | \$99.66 |
| A19ANC-13C | Johnson Controls (LIMITED P TEMP CTRL/-15/65C/3M CAP/SPDT | A19ANC-13C | 1 | \$391.26 | 38\% | \$242.58 |
| A19ANC-1C | Johnson controls (LIMITED P TEMP CTRL/0/150//DIFF 5FXD10FTCAP/SPDT | A19ANC-1C | 1 | \$391.32 | 38\% | \$242.62 |
| A19ANC-2C | JOHNSON CONTROLS (LIMITED P TEMP CTRL $100 / 250 \mathrm{~F} / 10 \mathrm{FT}$ CAP/SPDT | A19ANC-2C | 1 | \$391.26 | 38\% | \$242.58 |
| A19ANC-3C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/200/350F/DIFF 5FXD10FT CAP/SPDT | A19ANC-3C | 1 | \$408.46 | 38\% | \$253.25 |
| A19auc-1C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/-30/50F/6FT CAP/SPDT/HAZLOC/3/8XXIN BLLB | A $198 \mathrm{UC-1C}$ | 1 | \$857.52 | 38\% | \$531.66 |
| A19AUC-3C | JOHNSON CONTROLS (LIMITED P TEMP CTRLO/150F/10FT CAP/SPDT | A $19 A U C-3 C$ | 1 | \$967.21 | 38\% | \$599.67 |
| A19AUC-4C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/100/250F/10FT CAP/SPDT | A19AUC-4C | 1 | \$967.21 | 38\% | \$599.67 |
| A198AA-16C | Johnson Controls (LIMITED P TEMP CTRL/STYLE 3 SS/RANGE 30/100 DEGF | A198A-16C | 1 | \$185.97 | 38\% | \$115.30 |
| A19BAA-5C | JOHNSON CONTROLS (LIMITED P COILED BULB TEMP CTRL/30/110/SPST//1HP/KNOB VIS | A198AA-5C | 1 | \$189.41 | 38\% | \$117.43 |
| ${ }^{\text {A } 198 A B-3 C ~}$ | JOHNSON CONTROLS (LIMITED P COILLED BULB TEMP CTRL/35/95F/SPST//HP/KNOB VIISBLE | A198AB-3C | 1 | \$189.37 | 38\% | \$117.41 |
| A198AC-15C | JOHNSON CONTROLS (LIMITED P COILED BULB TEMP CTRL/30/110F $3.5+/$-2FFIXED SPDT | A198AC-15C | 1 | \$203.65 | 38\% | \$126.26 |
| A198AC-1C | Johnson Controls (LIMITED P 30/110F DIFF FIXED THERMOSTAT | A198AC-1C | 1 | \$209.42 | 38\% | \$129.84 |
| A198AC-3C | JOHNSON CONTROLS (LIMITED P COILED BULB TEMP CTRL/SPDT//HP/RANGE SCALE VIIIBLE | A198AC-3C | 1 | \$203.65 | 38\% | \$126.26 |
| A198AC-9001 | JOHNSON CONTROL (LIMITED P COILED BULB TEMP CTRLTEMP.CONTR.0/43C COILED | A19BAC-9001 | 1 | \$194.26 | 38\% | \$120.44 |
| A19BAE-1C | JOHNSON CONTR L LS (LIMITED P COILLED BULB TEMP CTRL/35/95F/DIFF 2 FXXSPST | A19BAE-1C | 1 | \$190.37 | 38\% | \$118.03 |
| A19BAF-1C | JOHNSON CONTROLS (LIMITED P COILED BULB TEMP CTRL/3/110/SPDT/1/4HP | A198AF-1C | 1 | \$211.73 | 38\% | \$131.27 |
| A19BAF-3C | JOHNSON CONTROLS (LIMITED P COILED BULB TEMP CTRL/0/43C/DIFF .8FXDSPDT/1/4H | A19BAF-3C | 1 | \$209.93 | 38\% | \$130.16 |
| A198AG-1C | Johnson Controls (LIMTTED P COILED BULB TEMP CTRL/35/95F/SPST | A19BAG-1C | 1 | \$241.65 | 38\% | \$149.82 |
| A198BA-1C | JOHNSON CONTROLS (LIMITED P COILED BULB TEMP CTRL/-30/50//DiFF 5-20 ADJ/SPST | A198BA-1C | 1 | \$197.80 | 38\% | \$122.64 |
| A19BBC-2CQ | Johnson Controls (LIMITED P TEMP CTRL-30/100F/DIFF 3-12 ADJ/SPDT | A19BBC-2CQ | 1 | \$202.92 | 38\% | \$125.81 |
| A198bC-4C | JOHNSON CONTROLS (LIMITED P Coilled bulb temp ctrl-35/40C/DIFF 1.8-7.2 AD/SPDT | A19BBC-4C | 1 | \$212.06 | 38\% | \$131.48 |
| A19BbC-6C | JOHNSON CONTROLS (LIMITED P Coiled bulb temp ctrl-30/100F/DIIFF 3-12 AD/SPDT | ${ }^{\text {A19BBC-6C }}$ | 1 | \$187.74 | 38\% | \$116.40 |
| A19buc-2C | JOHNSON CONTROLS (LIMITED P COILED BULI TEMP CTRL; 20/80\%; SPDT; HAZ ADJ EXT | A19buc-2C | 1 | \$971.04 | 38\% | \$602.04 |
| A19CAC-2C | JOHNSON CONTROLS (LIMITED P STRAP ON TEMP CTRL/60/90F/DIFF 10FXDSTYLL 20/SPDT | A19CAC-2C | 1 | \$161.30 | 38\% | \$100.01 |
| A19DAC-10C | JOHNSON CONTROLS (LIMITED P STRAP ON TEMP CTRL/40/120C/DIFF 7FXDSPDT | A19DAC-10C | 1 | \$155.41 | 38\% | \$96.35 |
| A19DAC-12C | JOHNSON CONTROLS (LIMITED P STRAP ON TEMP CTRL/100/240F/DIFF 10FXDSPDT | A19DAC-12C | 1 | \$151.00 | 38\% | \$93.62 |
| A19DaC-9C | JOHNSON CONTROLS (LIMITED P STRAP ON TEMP CTRL/40/120C/SPDT/1HP/MTG BRKT STRAP | A19DAC-9C | 1 | \$155.41 | 38\% | \$96.35 |
| A19DAF-2C | Johnson Controls (LIMITED P STRAP On TEMP CTRL/SPDT/1/4HP/MTG BRKT STRAP | A19DAF-2C | 1 | \$159.43 | 38\% | \$98.85 |
| A19EAF-1C | JOHNSON CONTROLS (LIMITED P DUCT TEMP CTRL/60/130F/SPDT/1/4HP/MTG BRKTFLANGE | A19EAF-1C | 1 | \$224.01 | 38\% | \$138.89 |
| A19EAF-2C | JOHNSON CONTROLS (LIMITED P DUCT TEMP CONTROL | A19EAF-2C | 1 | \$229.92 | 38\% | \$142.55 |
| A19EAF-6C | JOHNSON CONTROLS (LIMITED P DUCT TEMP CTRLSPDT/1/4HP/MTG BRKTFLANGE | A19EAF-6C | 1 | \$218.26 | 38\% | \$135.32 |
| A19EAF-7C | JOHNSON CONTROLS (LIMITED P DUCT TEMP CTRLSPDT/1/4HP/MTG BRKTFLANGE | A19EAF-7C | 1 | \$218.26 | 38\% | \$135.32 |
| A19EBA-1C | Johnson Controls (LIMITED P DUCT TEMP CTRL/50/250/DDIFF 9-36 ADJ/SPST | A19EBA-1C | 1 | \$200.80 | 38\% | \$124.50 |

The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
. Itegrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Monted HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integr
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or mainten er of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtub .
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' location in the event of a fire or emergency.

| delnumber | Vantracurer | Product Code | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Lsit Price | \% Discount | NYS Nal Price |
| A19EBB-1C | JOHNSON CONTROLS (LIMTTED P DUCT TEMP CTRL/100/350F/DIFF 9-36 ADJ/SPST | A19EBB-1C | 1 | \$210.32 | 38\% | \$130.40 |
| A19EBC-1C | JOHNSON CONTROLS (LIMITED P DUCT TEMP CTRL/100/350F/DIFF 9-36 ADJ/SPDT | A19EBC-1C | 1 | \$223.38 | 38\% | \$138.50 |
| A19EDB-1C | JOHNSON CONTROL (LIMITED P DUCT TEMP CTRL/100/350F/MAN RESET/SPST | A19EDB-1C | 1 | \$215.24 | 38\% | \$133.45 |
| A19EDB-3C | Johnson Controls (LIMITED P DUCT TEMP CTRL/40/180//MAN RESET/SPST | A19EDB-3C | 1 | \$225.37 | 38\% | \$139.73 |
| A19EDB-4C | JOHNSON CONTROLS (LIMITED P TEMP CTRL | A19EDB-4C | 1 | \$229.11 | 38\% | \$142.05 |
| A19JNC-2C | Johnson Controls (LIMITED P Coiled bulb temp control; Spdi; Nema 4x; 1HP | A199NC-2C | 1 | \$462.60 | 38\% | \$286.81 |
| A19KNC-1C | Johnson Controls (LIMITED P TEMP CTRL/10FT CAP/SPDT/NEMA 4X/MTG BRKTFEET | A19KNC-1C | 1 | \$437.87 | 38\% | \$271.48 |
| A19PRC-1C | Johnson Controls (LIITED P Coilled bulb temp controli -30/110F, SPDT; NEMA 4X | A19PRC-1C | 1 | \$408.90 | 38\% | \$253.52 |
| A19QSC-1C | Johnson Controls (LIMITED P TEMP CTRL | A19QSC-1C | 1 | \$212.88 | 38\% | \$131.99 |
| A19QSC-2C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/100/250F CONCEALED ADJ 10FTCAP SPDT | A19QSC-2C | 1 | \$201.61 | 38\% | \$125.00 |
| A19QSC-3C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/200/350F DIFF 5FIXED 10FT CAP SPDT | A19QSC-3C | 1 | \$220.13 | 38\% | \$136.48 |
| A19QSC-4C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/0/150//DiFF 5FXD20FT CAP/SPDT/NEMA 4 X | A19QSC-4C | 1 | \$218.60 | 38\% | \$135.53 |
| A197BA-1C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/38/80F/DIFF 8-40 ADJ/6FT CAP/SPST | A19zBA-1C | 1 | \$534.35 | 38\% | \$331.30 |
| A192BC-10C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/-15/25/DIFF 6.5-22 ADJ/1.5M CAP/SPDT | A197BC-10C | 1 | \$421.70 | 38\% | \$261.45 |
| A192BC-12C | Johnson Controls (LIMITED P TEMP CTRL/0/70F/DIFF $12-40$ ADJ/10FT CAP/SPDT | A197BC-12C | 1 | \$449.18 | 38\% | \$278.49 |
| A197BC-2C | Johnson Controls (LIMITED P TEMP CTRL/45/85F/DIFF 20-60 ADJ/6FT CAP/SPDT | A19zBC-2C | 1 | \$484.66 | 38\% | \$300.49 |
| A19zBC-6C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/0/70F/DIFF $12-40$ ADJ/5FT CAP/SPDT | A19zbC-6C | 1 | \$437.73 | 38\% | \$271.39 |
| A25AN-1C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/ROD \& TUBE/25/215/M-RESET/SPST/OPEN HI | A25AN-1C | 1 | \$225.56 | 38\% | \$139.85 |
| A25AN-9C | JOHNSON CONTROL (LIMITED P TEMP CTRL/ROD \& TUBE/-4/102C/M-RESET/SPST/OPEN HI | A25AN-9C | 1 | \$232.54 | 38\% | \$144.17 |
| A25AP-1C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/ROD \& TUBE/25/215F/M-RESET/SPST/MTG FLG | A25AP-1C | 1 | \$279.22 | 38\% | \$173.12 |
| A25CN-1C | JOHNSON CONTROLS (LIMITED P AIR TEMP CNTL ROD \& TUBE; 25/215F; MANUAL RESET | A25CN-1C | 1 | \$256.99 | 38\% | \$159.33 |
| A25CN-4C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/ROD \& TUBE-4/101C/M-RESET/SPDT/MTG FLG | A25CN-4C | 1 | \$238.76 | 38\% | \$148.03 |
| A25CP-1C | Johnson Controls (LIMITED P TEMP CTRL/ROD \& TUBE/25/215F/M-RESET/SPDT/CONSEAL | A25CP-1C | 1 | \$300.03 | 38\% | \$186.02 |
| A28AA-20C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/2STAGE6 CAP/2-SPDT/N1/3/8 $\times$ SIN BULB | A28AA-20C | 1 | \$328.96 | 38\% | \$203.96 |
| A28AA-20CP | JOHNSON CONTROLS (LIMITED P TEMP CTRL/2STAGEDIFF 3.5 FIXED/6 CAP/2-SPDT/N1 | A28A-20CP | 1 | \$348.82 | 38\% | \$216.27 |
| A28A-28C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/2STAGEDIFF 3.5 FIXED/6 CAP/2-SPDT/N1 | A28AA-28C | 1 | \$374.98 | 38\% | \$232.49 |
| A28AA-29C | JOHNSON CONTROLS (LIMITED P 2 STAGE, 2-SPDT, -30F TO 100F, 8FT CAP T-STAT | A28AA-29C | 1 | \$335.12 | 38\% | \$207.77 |
| A28A-36C | JOHNSON CONTROLS (LIMITED P 2 STAGE TEMP CTRL, 40/90, 6 CAP, 2 -SPDT | A28AA-36C | 1 | \$335.27 | 38\% | \$207.87 |
| A28AA-36CP | JOHNSON CONTROLS (LIMITED P TEMP CTRL/2STAGE40/90F/6 CAP/2-SPDT/N1 | A28AA-36CP | 1 | \$350.76 | 38\% | \$217.47 |
| A28AA-37C | Johnson Controls (LIMTED P TEMP CTRL/2STAGE60/140//DIFF 5 FIXED/6 CAP/2-SPDT | A28AA-37C | 1 | \$319.73 | 38\% | \$198.23 |
| A28AA-4C | Johnson Controls (LIMITED P 2 STAGE, SPACE, 30-110F, 2-SPDT, 2 FT CoIL | A28AS-4C | 1 | \$323.85 | 38\% | \$200.79 |
| A28AA-60C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/2STAGE40/120C/DIFF 5 FIXED/6M CAP/2-SPDT | A28AA-60C | 1 | \$358.26 | 38\% | \$222.12 |
| A28A-65C | Johnson Controls (LIMITED P TEMP CTRL/2STAGE-35/40C/DIFF 5 FIXED/2.4M CAP | A28AA-65C | 1 | \$328.96 | 38\% | \$203.96 |
| A28AA-70C | JOHNSON CONTROL (LIMITED P TEMP CTRL/2STAGE5/32C/DIFF 3 FIXED/1.8M CAP | A28AA-70C | 1 | \$328.96 | 38\% | \$203.96 |
| A28AA-71C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/2STAGE15/60C/DIFF 5 FIXED/1.8M CAP | A28A-71C | 1 | \$319.73 | 38\% | \$198.23 |
| A28AA-74C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/2STAGE0/43C/DIF 3.5 FIXED/2-SPDT/N1 | A28AA-74C | 1 | \$324.21 | 38\% | \$201.01 |
| A28AA-8001C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/2STAGE30/110F/DIFF 3.5 FIXED/2-SPDT/N1 | A28AA-8001C | 1 | \$366.04 | 38\% | \$226.94 |
| A28A-81C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/2STAGE-30/100//DIFF 5 FIXED/8 CAP/2-SPDT | A28A-81C | 1 | \$364.57 | 38\% | \$226.03 |
| A28AA-83C | JOHNSON CONTROLS (LIMTTED P TEMP CTRL/60/300 F DIFF $8+1$-2F 2-SPDT 6 CAP | A28A-83C | 1 | \$721.02 | 38\% | \$447.03 |
| A28A-84C | Johnson Controls (LIMTTED P TEMP CTRL-30 TO 100F/5 DEG. Diff 20 CAP/2-SPDT/N1 | A28A-84C | 1 | \$323.50 | 38\% | \$200.57 |
| A28AA-86C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/CONDUIT KNOCKOUT IN BACK | A28AA-86C | 1 | \$317.88 | 38\% | \$197.09 |
| A28AA-9C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/2STAGE20/80F/DITF 3.5 FIXED/6 CAP/2-SPDT | A28AA-9C | 1 | \$283.05 | 38\% | \$175.49 |
| A28AA-9CP | JOHNSON CONTROLS (LIMITED P TEMP CTRL/2STAGE20/80F/6 CAP/2-SPDT/N1/3/8 $\times$ SIN | A28A-9CP | 1 | \$300.03 | 38\% | \$186.02 |
| A28AB-1C | JOHNSSN CONTROLS (LIMITED P TEMP CTRL/DPDT/20/80F/6 CAP/2-SPDT/N1/3/8 $\times$ SIN | A28AB-1C | 1 | \$276.50 | 38\% | \$171.43 |
| A28AB-3C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/DPDT | A28AB-3C | 1 | \$297.43 | 38\% | \$184.41 |
| A28AJ-25C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/2STAGE40/90F/20 CAP/2-SPDT/N1 | ${ }^{\text {A28A-25C }}$ | 1 | \$418.25 | 38\% | \$259.32 |
| A28AJ-29C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/2STAGE-30/50F/4 CAP/2-SPDT/N1 | A28A-29C | 1 | \$349.01 | 38\% | \$216.39 |
| A28A-4C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/2STAGE20/80//6 CAP/2-SPDT/N1 | A28Al-4C | 1 | \$370.78 | 38\% | \$229.88 |
| A28A18C | Johnson Controls (LIMTTED P 3 STAGE, SPACE, 20-80F, 2-SPDT, 10FT CAP | A28A-18C | 1 | \$362.61 | 38\% | \$224.82 |
| A28AK-1C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/2STAGE30/110//2-SPDT/N1/1/4HP/DUCT MOUNT | A28AK-1C | 1 | \$372.44 | 38\% | \$230.91 |
| A28AK-2C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/2STAGE60/130F/2-SPDT/N1/1/4HP/DUCT MOUNT | A28AK-2C | 1 | \$372.44 | 38\% | \$230.91 |
| A286A-23C | Johnson Controls (LIMTTED P TEMP CTRL/60/100 RANGE 6IN CAP | A286A-23C | 1 | \$243.47 | 38\% | \$150.95 |
| A28GA-24C | JOHNSON CONTROLS (LIMITED P TEMP CTRL | A286A-24C | 1 | \$330.62 | 38\% | \$204.98 |
| A286A-25C | JOHNSON CONTROLS (LIMITED P TEMP CTRL | A286A-25C | 1 | \$317.62 | 38\% | \$196.92 |
| A286A-26C | JOHNSON CONTROLS (LIMITED P TEMP CTRL | A286A-26C | 1 | \$312.86 | 38\% | \$193.97 |
| A286A-27C | Johnson controls (LIMITED P TEMP CTRL | A286A-27C | 1 | \$243.47 | 38\% | \$150.95 |
| A286]-13C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/2STAGE40/90F/DIFF 1.5 FIXED/6 CAP/2-SPDT | A286J-13C | 1 | \$307.74 | 38\% | \$190.80 |
| ${ }^{\text {A } 286 \mathrm{G}-30 \mathrm{C}}$ | JOHNSON CONTROLS (LIMITED P TEMP CTRL/2STAGE-30/50F/6 CAP/2-SPDT/ENCL-OPN | ${ }^{\text {A28GJ-30C }}$ | 1 | \$303.99 | 38\% | \$188.47 |
| A286]-31C | Johnson Controls (LIMITED P TEMP CTRL/2STAGE-30/50//6 CAP/2-SPDT/ENCL-OPN | A28G-31C | 1 | \$315.51 | 38\% | \$195.62 |
| A286J-32C | JOHNSON CONTROLS (LIMITED P TEMP CONTROL 2STAGE/SETP 60/90F/12IN CAP/2-SPDT | A28G]-32C | 1 | \$381.14 | 38\% | \$236.31 |
| A286]-33C | JOHNSON CONTROLS (LIMITED P TEMP CONTROL 2STAGE/SETP 60/90F/60iN CAP/2-SPDT | A28G-33C | 1 | \$388.13 | 38\% | \$240.64 |
| A288A-1C | Johnson Control (LIMITED P TEMP CTRL/2STAGE0/150//10CAP/2-SPDT/ENC-SPLSH | A28KA-1C | 1 | \$528.21 | 38\% | \$327.49 |
| A28MA-1C | JOHNSON CONTROLS (LIMITED P 2-STAGE STAT 40/140F | A28MA-1C | 1 | \$463.79 | 38\% | \$287.55 |
| A28MA-2C | JOHNSON CONTROLS (LIMITED P 2-STAGE THERMOSTAT/6' CAP | A28MA-2C | 1 | \$426.46 | 38\% | \$264.41 |
| A28MA-3C | Johnson Controls (LIMITED P TEMP CTRL/2STAGE5/50C/1.8M CAP/2-SPDT/ENCL | A28MA-3C | 1 | \$421.52 | 38\% | \$261.34 |
| A28PA-2C | Johnson controls (LIMITED P TEMP CTRL/30/110F (-1/43C) ELEM STYLE 3BUL Coiled | A28PA-2C | 1 | \$538.32 | 38\% | \$333.76 |
| A28PJ-1C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/2STAGE/30/110F/2-SPDT/NEMA 4X/1/4HP/COIL | A28PJ-1C | 1 | \$487.83 | 38\% | \$302.45 |
| A28PJ-4C | JOHNSON CONTROLS (LIMITED P TEMP CTRL/2STAGE/60/90\%/2-SPDT/NEMA 4X/1/4HP/COIL | A28PJ-4C | 1 | \$487.83 | 38\% | \$302.45 |
| A28PJ-6C | JOHNSON CONTROLS (LIMITED P TEMP CTRL | A28P]-6C | 1 | \$487.83 | 38\% | \$302.45 |
| A319ABC-12-01 | Johnson Controls (LIMITED P REMOTE SENSOR T-STAT 100/220F | A319ABC-12-01 | 1 | \$366.88 | 38\% | \$227.47 |
| A319ABC-24-01 | JOHNSON CONTROLS (LIMITED P REMOTE SENSOR T-STAT -20/100F | A319ABC-24-01 | 1 | \$366.88 | 38\% | \$227.47 |
| A350PS-2C | JOHNSON CONTROLS (LIMITED P PROP. TEMP. 90-250F | A350PS-2C | 1 | \$572.02 | 38\% | \$354.65 |
| A3505s-1C | JOHNSON CONTROLS (LIMITED P TEMP RESET MODULE RANGE 30-90F | A3505S-1C | 1 | \$551.80 | 38\% | \$342.12 |
| A350ss-2C | JOHNSON CONTROLS (LIMITED P TEMP (D OR R) RESET CONTROLER | A3505S-2C | 1 | \$551.80 | 38\% | \$342.12 |
| A40FA-1C | JOHNSON CONTROLS (LIMITED P TEMP CONTROL; 15/55F; DIFF 5 FIXED | A40FA-1C | 1 | \$464.15 | 38\% | \$287.77 |
| A419ABC-1C | JOHNSON CONTROLS (LIMITED P ELEC TEMP CONTROL W/DISPLAY | A419ABC-1C | 1 | \$168.57 | 38\% | \$104.51 |
| A419GBF-1C | JOHNSON CONTROLS (LIMITED P 24VAC THERMOSTAT CONTROL | A419GBF-1C | 1 | \$166.57 | 38\% | \$103.27 |
| A419GEF-1C | Johnson Controls (LIMITED P ELECTRONIC TEMP CONTROL; NEMA 4X CONTROL W/DIIPLAY | A419GEF-1C | 1 | \$238.88 | 38\% | \$148.11 |
| ${ }^{\text {A } 708 A-18 C ~}$ | JOHNSON CONTROLL (LIMITED P TEMP. CONTROL | A70BA-18C | 1 | \$279.22 | 38\% | \$173.12 |
| A70GA-2C | JOHNSON CONTROLS (LIMITED P TWO CIRCUIT TEMP CONTRL; 35/80F; DIFF 5-27 ADJ | A70GA-2C | 1 | \$324.12 | 38\% | \$200.95 |
| A99-CLP-1 | JOHNSON CONTROLS (LIMITED P MOUNTING CLIP FOR A99 SENSOR | A99-CLP-1 | 1 | \$88.71 | 38\% | \$55.00 |
| A99BA-200C | JOHNSON CONTROLS (LIMITED P PTC SENSOR 6.5 FT SHIELDED CABLE | A99BA-200C | 1 | \$63.65 | 38\% | \$39.46 |
| A99Bb-200C | Johnson Controls (LIMTTED P PTC SENSOR 6.5 F P PVC CABLE | A99BB-200C | 1 | \$60.43 | 38\% | \$37.47 |
| A99BB-25C | JOHNSON CONTROLS (LIMITED P SENSOR, SLILCON PTC -40/216F | A998B-25C | 1 | \$52.07 | 38\% | \$32.28 |
| A99Bb-300C | JOHNSON CONTROLS (LIMITED P PCT SENSOR 9.75 FT PVC CABLE | A99BB-300C | 1 | \$66.55 | 38\% | \$41.26 |
| А998B-500C | JOHNSON CONTROLS (LIMITED P PCT SENSOR 16.4 FT PVC CABLE | A99BB-500C | 1 | \$81.56 | 38\% | \$50.57 |
| A99BB-600C | JOHNSON CONTROLS (LIMITED P PCT SENSOR 19.5 FT PVC CABLE | A99BB-600C | 1 | \$89.33 | 38\% | \$55.38 |
| A99BC-1500C | JOHNSON CONTROLS (LMITED P PCT SENSOR HI TEMP 49 FT SILICON CABLE | A99BC-1500C | 1 | \$455.34 | 38\% | \$282.31 |
| A99BC-25C | Johnson Controls (LIMITED P PTC SILCONE SENSOR $23 / 4$ | A998C-25C | 1 | \$84.88 | 38\% | \$52.63 |
| A998C-300C | Johnson Controls (LIMITED P PCT SENSOR HI TEMP 9.75 FT SIILCON CABLE | A99BC-300C | 1 | \$320.33 | 38\% | \$198.60 |
| ADP11A-600R | Johnson Controls (LIMITED P EmT Conduit Adapter | ADP11A-600R | 1 | \$22.69 | 38\% | \$14.07 |
| вкт22A-602 | JOHNSON CONTROLS (LIMITED P BRACKET | вкт22A-602 | 1 | \$94.13 | 38\% | \$58.36 |
| ${ }^{\text {BKT287-1R }}$ | JOHNSON CONTROLS LLIMITED P MOUNTING BRACKET | ${ }^{\text {BKT287-12 }}$ | 1 | \$29.89 | 38\% | \$18.53 |
| BOX10A-600R | Johnson Controls (LIMITED P OUTDOOR ENCLOSURE FOR A99 SENSOR | B0X10A-600R | 1 | \$112.47 | 38\% | \$69.73 |
| C-5226-3 | JOHNSON CONTROLS (LMITED P SIGNAL TRANSMITTER | C-5226-3 | 1 | \$105.00 | 38\% | \$65.10 |
| C450CCN-1C | JOHNSON CONTROLS (LIMITED P CONTROL MODULE WITH LCD, 2 SPDT OUTPUTS | C450ccN-2C | 1 | \$285.73 | 38\% | \$177.15 |
| C450CPN-3C | JOHNSON CONTROLS (LIMITED P CONTROL MODULE WITH LCD, 1 ANALOG OUTPUT | C450CPN-3C | 1 | \$237.45 | 38\% | \$147.22 |
| C450CQN-3C | JOHNSON CONTROLS (LIMITED P CONTROL MODULE WITH LCD, 2 ANALOG OUTPUTS | C450CQN-3C | 1 | \$291.12 | 38\% | \$180.49 |
| C450REN-1C | JOHNSON CONTROLS (LIMITED P RESET CONTROL MODULE WITH LCD, 1 SPDT OUTPUT | C450RbN-1C | 1 | \$325.76 | 38\% | \$201.97 |
| C450RCN-1C | JOHNSON CONTROLS (LIMITED P RESET CONTROL MODULE WITH LCD, 2 SPDT OUTPUTS | C450RCN-1C | 1 | \$400.03 | 38\% | \$248.02 |
| C450SCN-1C | JOHNSON CONTROLS (LIMITED P PELAY EXPANSION MODULE WITH 2 SPDT OUTPUTS | C4505CN-1C | 1 | \$211.46 | 38\% | \$131.11 |
| C450SPN-1C | JOhnson Controls (LIMTTED P ANALOG EXPANSION MODULE WITH 1 ANALOG OUTPUT | C45SSPN-1C | 1 | \$130.26 | 38\% | \$80.76 |
| C450SQN-1C | JOHNSON CONTROLS (LIMITED P ANALOG EXPANSION MODULE WITH 2 ANALOG OUTPUTS | C450SQN-1C | 1 | \$237.10 | 38\% | \$147.00 |
| C450YNN-1C | JOHNSON CONTROLS (LIMITED P POWER MODULE, 120 OR 240 VaC InPut | C450YnN-1C | 1 | \$92.99 | 38\% | \$57.65 |
| COV-FCU-L | JOHNSON CONTROLS (LIMITED P NO LOGO COVER KT60XDFH, VT7300 F/C-F | TEC-6H | 1 | \$56.00 | 38\% | \$34.72 |

The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Inctled] Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, Fitellarm Interface Pa commicate ame
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforemenio.

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, el. to be purchased from these contracts for any other purposes, including, but not imited to
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted Instledl Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction wit the contractor providing the aforementio. mainten tre of Integrated Microprocessor-Based HVAC Equipment

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2. General Ductwork, Piping, etc. shall not be obtained on these contracts.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
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3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Instled] Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
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| Moodel Number | Mantracturer | Proctuct Desariplion | Product Code | $\begin{aligned} & \text { "Warranty Period - \# of year(s) after } \\ & \text { acceptance as required by Appendix B, } \end{aligned}$ | Usitrice | \% Discome | NvS Nat Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| RET2620ULDOORPB | METAL FOR ELECTRONICS, LLC | 26in $\times$ 20in DOOR ONLY, NO LOCK POWDER BLUE | KA0223 | 1 | \$213.52 | 38\% | \$132.38 |
| Ret3626ULDOORGY | METAL FOR ELECTRONICS, LLC | 36 in $\times 26$ in UL DOOR ONLY, GRAY | KA0283 | 1 | \$232.29 | 38\% | \$144.02 |
| Ret3626ULDOOROR | METAL FOR ELECTRONICS, LLC | 36inX26in UL DOOR ONLY, YRANGE | KA0235 | 1 | \$278.30 | 38\% | \$172.55 |
| Ret3626ULDOORPB | METAL FOR ELECTRONICS, LLC | 36inx26in UL DOOR OnLY - No LOCK POWDER BLUE | KA0245 | 1 | \$281.21 | 38\% | \$174.35 |
| RET3826 | METAL FOR ELECTRONICS, LIC | $38 \times 26 \mathrm{X} 7$ NEMA 1 ION-UL ENCL/PERF Brown \& TAN | ME0064 | 1 | \$577.55 | 38\% | \$358.08 |
| RET3826-DB | METAL FOR ELECTRONICS, LIC | 3882667 NEMA 1 NON-UL ENCL/PERF DARK BLUE | ME0188 | 1 | \$647.89 | 38\% | \$401.69 |
| RET3826-DOOR | METAL FOR ELECTRONICS, LLC | $38 \times 26$ DOOR ONLY - LESS LOCK | KA0011 | 1 | \$222.90 | 38\% | \$138.20 |
| RET3826-DOOR-DB | METAL FOR ELECTRONICS, LIC | $38 \times 26$ DARK BLUE DOOR ONLY-NO LOCK | KA0090 | 1 | \$259.70 | 38\% | \$161.01 |
| RET3826-DOOR-GY | METAL FOR ELECTRONICS, LIC | $38 \times 26$ GRAY DOOR - No Lock | KA0279 | 1 | \$259.70 | 38\% | \$161.01 |
| RET3826-DOOR-OR | METAL FOR ELECTRONICS, LIC | $38 \times 26$ ORNG DOOR ONLY-LESS LOCK | KA0045 | 1 | \$305.85 | 38\% | \$189.63 |
| RET3826-DOOR-PB | METAL FOR ELECTRONICS, LLC | $38 \times 26$ POWDER BLUE DOOR - No LOCK | KА0039 | 1 | \$294.32 | 38\% | \$182.48 |
| RET3826-GY | METAL FOR ELECTRONICS, LLC | $38 \times 26 \times 7$ NEMA 1 NON-UL ENCL/PERF GRAY | ME0412 | 1 | \$586.33 | 38\% | \$363.52 |
| RET3826-OR | METAL FOR ELECTRONICS, LLC | $38 \times 26 \times 7$ NEMA 1 NON-UL ENCL/PERF ORANGE | ME0116 | 1 | \$695.58 | 38\% | \$431.26 |
| RET3826-PB | METAL FOR ELECTRONICS, LLC | $38 \times 26 \mathrm{X} 7$ NEMA 1 NON-UL ENCL/PERF POWDER BLUE | ME0107 | 1 | \$733.61 | 38\% | \$454.84 |
| RET4230 | METAL FOR ELECTRONICS, LLC | $42 \times 30 \times 7$ NEMA 1 NON-UL ENCL/PERF Brown \& TAN | ME0245 | 1 | \$771.80 | 38\% | \$478.52 |
| RET4230-DB | METAL FOR ELECTRONICS, LLC | $42 \times 30 \times 7$ NEMA 1 NON-UL ENCL/PERF DARK BLUE | ME0394 | 1 | \$771.80 | 38\% | \$478.52 |
| RET4230-DOOR | METAL FOR ELECTRONICS, LIC | $42 \times 30$ DOOR ONLY - LESS LOCK | KA0097 | 1 | \$256.39 | 38\% | \$158.96 |
| RET4230-DOOR-DB | METAL FOR ELECTRONICS, LLC | $42 \times 30$ DOOR ONLY, DARK BLUE | KA0219 | 1 | \$311.63 | 38\% | \$193.21 |
| RET4230-DOOR-GN | METAL FOR ELECTRONICS, LLC | $42 \times 30$ GREEN DOOR ONLY - NO LOCK | KA0325 | 1 | \$437.05 | 38\% | \$270.97 |
| RET4230-DOOR-GY | METAL FOR ELECTRONICS, LIC | $42 \times 30$ GRay door only - No Lock | KA0281 | 1 | \$297.85 | 38\% | \$184.67 |
| RET4230-DOOR-OR | METAL FOR ELECTRONICS, LLC | $42 \times 30$ DOOR ONLY, DARK ORANGE | KA0239 | 1 | \$365.69 | 38\% | \$226.73 |
| RET4230-DOOR-PB | METAL FOR ELECTRONICS, LLC | $42 \times 30$ POWDER BLUE DOOR ONLY - Less Lock | KA0161 | 1 | \$311.12 | 38\% | \$192.89 |
| RET4230-GY | METAL FOR ELECTRONICS, LIC | 42X30X7 NEMA 1 NON-UL ENCL/PERF GRAY | ME0413 | 1 | \$790.71 | 38\% | \$490.24 |
| RET4230-OR | METAL FOR ELECTRONICS, LLC | $42 \times 30 \times 7$ NEMA 1 NON-UL ENCL/PERF ORANGE | ME0474 | 1 | \$892.55 | 38\% | \$553.38 |
| RET4230-PB | METAL FOR ELECTRONICS, LLC | $42 \times 30 \times 7$ NEMA 1 NON-UL ENCL/PERF POWDER blue | ME0364 | 1 | \$976.55 | 38\% | \$605.46 |
| RP1812 | METAL FOR ELECTRONICS, LIC | 15.5in $\times$ 9.0in FLANGED PANEL | KA0287 | 1 | \$42.09 | 38\% | \$26.10 |
| RP2018 | METAL FOR ELECTRONICS, LIC | 17.5in $\times 15.5$ Sin FLANGED PANEL | KA0288 | 1 | \$61.53 | 38\% | \$38.15 |
| RP2620 | METAL FOR ELECTRONICS, LLC | 23.5in $\times 17.5$ Sin FLANGED PANEL | KA0289 | 1 | \$82.69 | 38\% | \$51.27 |
| RP3626 | METAL FOR ELECTRONICS, LLC | 33.25in $\times 23.25$ Sin FLANGED PERF | KA0290 | 1 | \$161.15 | 38\% | \$99.91 |
| RP3826 | METAL FOR ELECTRONICS, LLC | 35.5in $\times 23.5 \mathrm{Sin}$ FLANGED PANEL | KA0291 | 1 | \$152.78 | 38\% | \$94.72 |
| RP4230 | METAL FOR ELECTRONICS, LLC | 39.25in227.25in FLANGED PANEL | KA0292 | 1 | \$187.16 | 38\% | \$116.04 |
| ST2412 | METAL FOR ELECTRONICS, LLC | 21 In X 9 In Perr flanged | ST2412 | 1 | \$143.00 | 38\% | \$88.66 |
| ST3020 | METAL FOR ELECTRONICS, LLC | 27 In $\times 17$ In PERF FLANGED | ST3020 | 1 | \$218.85 | 38\% | \$135.69 |
| EHRH-C | METAL FOR ELECTRONICS, LLC | COVER FOR EHRH | ME0406 | 1 | \$70.98 | 38\% | \$44.01 |
| Rr-BrACKET-4 | METAL FOR ELECTRONICS, LLC | RR-7/RR-9 4-HOLE BRACKET | KA0221 | 1 | \$16.29 | 38\% | \$10.10 |
| ENCL-485-B | METAL FOR ELECTRONICS, LLC | Enclosure for 485 GATEWAY black | ME0522 | 1 | \$97.56 | 38\% | \$60.49 |
| ENCL-488-G | METAL FOR ELECTRONICS, LLC | enclosure for 485 Gateway - Silver | ME0537 | 1 | \$95.59 | 38\% | \$59.27 |
| ENCL-LON-B | METAL FOR ELECTRONICS, LIC | enclosure for lon gateway black | ME0523 | 1 | \$97.56 | 38\% | \$60.49 |
| ENCL-LON-G | METAL FOR ELECTRONICS, LLC | enclosure for lon gateway - silver | ME0530 | 1 | \$95.59 | 38\% | \$59.27 |
| DIN-L1 | METAL FOR ELECTRONICS, LLC | din rail AdAPter kit | KELE Kit | 1 | \$40.00 | 38\% | \$24.80 |
| AC102765 | MINCO PRODUCTS, InC | HT885 PIPE/WALL MOUNTING BRACKET | AC102765 | 1 | \$201.00 | 38\% | \$124.62 |
| AC103168 | MINCO PRODUCTS, INC | ht880 PiPE/WALL MOUNTING BRACKET | AC103168 | 1 | \$266.30 | 38\% | \$165.11 |
| AC103253 | MINCO PRODUCTS, INC | hT880 duct mounting bracket | AC103253 | 1 | \$54.00 | 38\% | \$33.48 |
| HT880N25NT60FI | MINCO PRODUCTS, INC | ISAFE RH, 6 PRB | HT880N25NT60FI | 1 | \$3,166.00 | 38\% | \$1,962.92 |
| HT880N25NT60FX | MINCO PRODUCTS, INC | EXP PRF R $\mathrm{H}, 6 \mathrm{fRB}$ | HT880N25NT60FX | 1 | \$3,023.01 | 38\% | \$1,874.27 |
| HT880N25560FI | MINCO PRODUCTS, INC | I SAFE RH, 6 PRB, W/o/100F,NIST | HT880N25560FI | 1 | \$3,511.00 | 38\% | \$2,176.82 |
| HT880525EN60FI | MINCO PRODUCTS, INC | I SAFE RH, 6 PRB, W/-20/140F | HT880525EN60FI | 1 | \$3,412.92 | 38\% | \$2,116.01 |
| HT880025NT60FI | MINCO PRODUCTS, INC | ISAFE RH, 6 PRB | HT880225NT60FI | 1 | \$2,864.60 | 38\% | \$1,776.05 |
| HT880S25NT60FX | MINCO PRODUCTS, INC | EXP PRF R $\mathrm{H}, 6 \mathrm{PRB}$ | HT880925NT60FX | 1 | \$2,876.59 | $38 \%$ | \$1,783.49 |
| HT880S25560FI | MINCO PRODUCTS, INC | ISAFE RH, 6 PRB,W/0/100F | HT880525560FI | 1 | \$3,314.83 | 38\% | \$2,055.19 |
| HT885DN25EN60FI | MINCO PRODUCTS, INC | I SAFE RH/DSPLY, 6 PRB,W/-20/140F,NIST | HT885DN25EN60FI | 1 | \$5,077.00 | 38\% | \$3,147.74 |
| HT885DN25NT60FI | MINCO PRODUCTS, INC | I SAFE RH/DSPLY, 6 PRB | HT885DN25NT60FI | 1 | \$4,415.67 | 38\% | \$2,737.72 |
| HT885DN25NT60FX | MINCO PRODUCTS, INC | EXP PRF RHH/DSPLY, 6 PRB | HT885DN25NT60FX | 1 | \$4,415.67 | 38\% | \$2,737.72 |
| HT885DN25660FI | MINCO PRODUCTS, INC | I SAFE RH/DSPLY, 6 PRB, W/0/100F,NIST | HT885DN25560FI | 1 | \$4,829.93 | 38\% | \$2,994.56 |
| HT885DS25EN60FI | MINCO PRODUCTS, INC | I SAFE RH/DSPLY, 6 PRB,W/-20/140F | HT885DS25EN60FI | 1 | \$4,677.94 | 38\% | \$2,900.32 |
| HT885DS25NT60FI | MINCO PRODUCTS, INC | I SAFE RH/DSPLY, 6 PRB | HT885DS25NT60FI | 1 | \$4,156.06 | 38\% | \$2,576.76 |
| HT885DS25NT60FX | MINCO PRODUCTS, INC | EXP PRF RHHSSPLY, 6 PRB | HT885DS25NT60FX | 1 | \$4,218.37 | 38\% | \$2,615.39 |
| HT885DS25560FI | MINCO PRODUCTS, INC | I SAFE RH/DSPLY, 6 PRB,w/0/100F | HT885DS25660FI | 1 | \$4,757.61 | 38\% | \$2,949.72 |
| TT211-PD-18N | MINCO PRODUCTS, INC | IS RTD XMTR 100/385 30/240 | T211-PD-1BN | 1 | \$433.00 | 38\% | \$268.46 |
| TT211-PD-1EN | MINCO PRODUCTS, INC | IS RTD XMTR 100/385-20/140 | TT211-PD-1EN | 1 | \$433.00 | 38\% | \$268.46 |
| T211-PD-15 | MINCO PRODUCTS, INC | IS RTD XMTR 100/385 0/100 | T211-PD-1s | 1 | \$412.00 | 38\% | \$255.44 |
| T211-PW-18N | MINCO PRODUCTS, INC | IS RTD XMTR 1K/375 30/240 | T211-PW-18N | 1 | \$433.00 | 38\% | \$268.46 |
| T211-PW-1EN | MINCO PRODUCTS, INC | IS RTD XMTR 1K/375-20/140 | TT21-PW-1EN | 1 | \$416.00 | 38\% | \$257.92 |
| T211-PW-1s | MINCO PRODUCTS, INC | IS RTD XMTR 1K/375 0/100 | T211-PW-1s | 1 | \$433.00 | 38\% | \$268.46 |
| T881PD020W1BI1 | MINCO PRODUCTS, INC | 2 IN PT100 PROBE,EXPL.PROOF XMTR, 30/130F | T8881PD020W1BI1 | 1 | \$1,363.33 | 38\% | \$845.26 |
| T881PD020W152 | MINCO PRODUCTS, INC | 2 In PT 100 PROBE,EXPL. PROOF XMTR,0/100F,CERT | T881PD020W152 | 1 | \$1,456.20 | 38\% | \$902.84 |
| T8881PD050W18I1 | MINCO PRODUCTS, INC | 5.51 I PT 100 Probe,EXPL.PROOF XMTR, 30/130F | T881PD050W18I1 | 1 | \$1,526.99 | 38\% | \$946.73 |
| T881PD050W152 | MINCO PRODUCTS, INC | 5 IN PT100 PROBE,EXPLL. PROOF XMTR,0/100F,CERT | T881PD050W1S2 | 1 | \$1,478.10 | 38\% | \$916.42 |
| T881PD055P152 | MINCO PRODUCTS, INC | 5.5 In PT100 PROBE, EXP PROOF XMTR, 0/100F CERT | T8881PD055P152 | 1 | \$1,410.16 | 38\% | \$874.30 |
| T8881PD055W1s2 | MINCO PRODUCTS, INC | 5.5 IN PT 100 PROBE,EXPL. PROOF XMTR, 0/100F, CERT | T881PD055W1S2 | 1 | \$1,478.10 | $38 \%$ | \$916.42 |
| T881PF060E1S1 | MINCO PRODUCTS, INC | EXPLOSIONPROOF PLATINUM RTD TRANSMITTER | T881PF060E1S1 | 1 | \$1,414.88 | 38\% | \$877.23 |
| T881PW020W1BI1 | MINCO PRODUCTS, INC | 2IN PT1K PROBE,EXPL.PROOF, 30/130F | T881PW020W1BII | 1 | \$1,440.00 | $38 \%$ | \$892.80 |
| T881PW020w1s2 | MINCO PRODUCTS, INC | 2IN PT1K PROBE,EXPL. PROOF XMTR,0/100F,CERT | T881PW020W152 | 1 | \$1,128.02 | 38\% | \$699.37 |
| T881PW055P1S2 | MINCO PRODUCTS, INC | 5.5 In PT1K PROBE, EXP PROOF XMTR, 0/100F CERT | T881PW055P152 | 1 | \$964.69 | 38\% | \$598.11 |
| T881PW055W1BII | MINCO PRODUCTS, INC | 5.5IN PT1K PROBE, EXPL.PROOF XMTR, 30/130F | T881PW055W1BII | 1 | \$1,440.00 | 38\% | \$892.80 |
| T881PW055W1S2 | MINCO PRODUCTS, INC | 5.5IN PT1K PROBE,EXPL. PROOF XMTR,0/100F,CERT | T881PW055W1S2 | 1 | \$1,538.00 | 38\% | \$953.56 |
| htzdien | MINCO PRODUCTS, INC | DUCT 2\% RH \& T XMTR,-20/140F | HT2DIEN | 1 | \$580.32 | 38\% | \$359.80 |
| HT201H | MINCO PRODUCTS, INC | 2\% HUMIDITY TRANSMITTER (40/90F) | нT2D1H | 1 | \$440.74 | 38\% | \$273.26 |
| HT2D1NT | MINCO PRODUCTS, INC | DUCT $2 \%$ RH XMTR | HT2D1NT | 1 | \$436.99 | 38\% | \$270.93 |
| HT2D1S | MINCO PRODUCTS, INC | DUCT 2\% RH \& T XMTR,0/100F | HT2D1S | 1 | \$580.32 | 38\% | \$359.80 |
| htr201EN | MINCO PRODUCTS, INC | OSA 2\% RH \& T XMTR,-20/140F | HT201EN | 1 | \$635.57 | 38\% | \$394.05 |
| ht201NT | MINCO PRODUCTS, INC | OSA 2\% RH XMTR | HT201NT | 1 | \$507.12 | 38\% | \$314.41 |
| ht201S | MINCO PRODUCTS, INC | OSA 2\% RH \& T XMTR,0/100F | HT201S | 1 | \$650.53 | 38\% | \$403.33 |
| HT2S1H | MINCO PRODUCTS, INC | ROOM 2\% RH \& T X XTR, 40/90F | HT2SIH | 1 | \$470.82 | 38\% | \$291.91 |
| HT2S1NT | MINCO PRODUCTS, INC | ROOM $2 \%$ RH XMTR | HT2S1NT | 1 | \$351.97 | 38\% | \$218.22 |
| HT2S1S | MINCO PRODUCTS, INC | ROOM 2\% RH \& T XMTR,0/100F | HT2S1S | 1 | \$470.82 | 38\% | \$291.91 |
| ht2wien | MINCO PRODUCTS, INC | $2 \%$ WALL MOUNT (-20/140F) | htewien | 1 | \$571.76 | 38\% | \$354.49 |
| HT82901N1 | MINCO PRODUCTS, INC | DUCT 1\% RH XMTR,CERT | HT829D1N1 | 1 | \$733.75 | 38\% | \$454.93 |
| HT829D152 | MINCO PRODUCTS, INC | DUCT $2 \%$ RH XMTR | HT829D152 | 1 | \$450.44 | 38\% | \$279.27 |
| HT82901N1 | MINCO PRODUCTS, INC | OSA $1 \%$ RH XMTR,CERT | HT82901N1 | 1 | \$806.04 | 38\% | \$499.74 |
| HT8290152 | MINCO PRODUCTS, INC | OSA 2\% RH XMTR | HT8290152 | 1 | \$541.09 | 38\% | \$335.48 |
| HT82991N1 | MINCO PRODUCTS, INC | ROOM 1\% RH XMTR,CERT | HT829S1N1 | 1 | \$703.84 | 38\% | \$436.38 |
| HT829S152 | MINCO PRODUCTS, INC | ROOM $2 \%$ RH XMTR | HT829S152 | 1 | \$440.22 | 38\% | \$272.94 |
| HT839DINien | MINCO PRODUCTS, INC | DUCT 1\% RH \& T XMTR,-20/140F,CERT | htr390inien | 1 | \$1,257.00 | 38\% | \$779.34 |
| HT839D1N1S | MINCO PRODUCTS, INC | DUCT 1\% RH \& T XMTR, 0-100F, CERT | HT83901N1S | 1 | \$1,202.68 | 38\% | \$745.66 |
| HT839D1S2EN | MINCO PRODUCTS, INC | DUCT 2\% RH \& T XMTR,-20/140F | HT8390152EN | 1 | \$936.00 | 38\% | \$580.32 |
| HT839D152S | MINCO PRODUCTS, INC | DUCT 2\% RH \& T XMTR, $01 / 100 \mathrm{~F}$ | HT839D152S | 1 | \$936.00 | 38\% | \$580.32 |
| htr3901nien | MINCO PRODUCTS, INC | OSA 1\% RH \& T XMTR,-20/140F,CERT | HT83901NiEN | 1 | \$1,308.19 | 38\% | \$811.08 |
| htr3901N2EN | MINCO PRODUCTS, INC | RH AND TEMP TRANSMITTER (-20/140F w/NIST) | HT83901N2EN | 1 | \$1,174.92 | 38\% | \$728.45 |
| htr390152en | MINCO PRODUCTS, INC | OSA 2\% RH \& T XMTR,-20/140F | HT8390152EN | 1 | \$991.01 | 38\% | \$614.43 |
| HT8390152S | MINCO PRODUCTS, INC | OSA 2\% RH \& T XMTR,0/100F | HT8390152S | 1 | \$1,026.00 | 38\% | \$636.12 |
| HT83951N1H | MINCO PRODUCTS, INC | ROOM $1 \%$ RH \& T XMTR,40/90F,CERT | HT83951N1H | 1 | \$1,182.26 | 38\% | \$733.00 |
| HT8395152H | MINCO PRODUCTS, INC | ROOM 2\% RH \& T XMTR,40/90F | HT8395122H | 1 | \$915.00 | 38\% | \$567.30 |
| HT8395152S | MINCO PRODUCTS, INC | ROOM 2\% RH \& T XMTR,0/100F | HT8395152S | 1 | \$875.81 | 38\% | \$543.00 |
| HT839W1N1S | MINCO PRODUCTS, INC | WALL $1 \%$ RH \& T XMTR,0/100F,CERT | HT839W1N1S | 1 | \$1,257.00 | $38 \%$ | \$779.34 |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. . BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated
Microprocessor-Controled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems. Microprocessor-Controiled HAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Inctled], Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, Fi Alarm Interface Panel platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforemention

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtub owers, water fountains, water heaters hot water tanks, garbage disposal
General Ductwork Piping etc. shall not be obtained on these contracts
Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not:
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not imited to
B. Audio-Video equipment or systems (eg. smart boards, projectors, studio broadcasting conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely use
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

|  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| HT839W152s | MINCO PRODUCTS, INC | WALI $2 \%$ RH \& T XMTR $0 / 100 \mathrm{~F}$ | HT839W152S | ause | Lsat Price | 38\% \%iscount | SNat Pices |
| \#20 | MINCO PRODUCTS, INC | 6 FT. STRAP ON TAPE | \#20-6 | 1 | \$37.00 | 38\% | $\$ 580.32$ $\$ 22.94$ |
| AC766 | Minco Products, inc | STRAP ON BRACKET ACCESSORY | AC766TO | 1 | \$85.00 | 38\% | \$52.70 |
| AS103759PFE241L | MINCO PRODUCTS, INC | AVG SENSOR LATCHING 0.3 A RELAY, 24 ft dBL gang box | AS103759PF38E24B1L | 1 | \$607.05 | 38\% | \$376.37 |
| AS103759PFL101S | MINCO PRODUCTS, INC | AVG SENSOR LATCHING 0.3A RELAY, 10FT STD BoX | AS103759PF38L10B1S | 1 | \$437.95 | 38\% | \$271.53 |
| AS2Pwooosoooxx1 | Minco Products, inc | Room RTD 1K/375, 2 W | AS2PW000s000XX1 | 1 | \$156.49 | 38\% | \$97.02 |
| AS2PW0400000xX1 | MINCO PRODUCTS, INC | OSA RTD,1K/375,2w,wb | AS2PW0400000xx1 | 1 | \$214.45 | 38\% | \$132.96 |
| AS2PW040W000xx1 | MINCO PRODUCTS, INC | PROBE 4 RTD,1K/375,2W,wb | AS2PW040w000xx1 | 1 | \$169.00 | 38\% | \$104.78 |
| AS2PW055P000xX1 | MINCO PRODUCTS, INC | IMM 5.5 RTD,1K/375,2W,wB | AS2PW055P000xx1 | 1 | \$214.06 | 38\% | \$132.72 |
| AS2PW055Q000xX1 | MINCO PRODUCTS, INC | IMM 5.5 RTD,1K/375,2W,HB | AS2PW055Q000xx1 | 1 | \$207.80 | 38\% | \$128.84 |
| AS2PW080D000xX1 | MINCO PRODUCTS, INC | DUCT 8 RTD,1K/375,2W,HB | AS2PW0800000xx1 | 1 | \$121.77 | 38\% | \$75.50 |
| AS3PD000s000xx1 | MINCO PRODUCTS, INC | ROOM RTD 100/385, 3W | AS3PDooosoooxx1 | 1 | \$87.03 | 38\% | \$53.96 |
| AS3PD0400000xx1 | Minco Products, inc | OSA RTD, 100/385,3w,wb | AS3PD0400000XX1 | 1 | \$223.17 | 38\% | \$138.37 |
| AS3PD040W000xX1 | MINCO PRODUCTS, INC | PROBE 4 RTD, 100/385,3W,wb | AS3PD040W000xx1 | 1 | \$174.06 | 38\% | \$107.92 |
| AS3PD055P000xx1 | MINCO PRODUCTS, INC | IMM 5.5 RTD,100/385,3w,WB | AS3PD055P000xx1 | 1 | \$232.99 | 38\% | \$144.45 |
| AS3PD055Q000xX1 | MINCO PRODUCTS, INC | IMM 5.5 RTD, $100 / 385,3 \mathrm{WW}, \mathrm{HB}$ | AS3PD055Q000xX1 | 1 | \$224.41 | 38\% | \$139.13 |
| AS3PD0800000xx 1 | MINCO PRoducts, inc | DUCT 8 RTD,100/385,3W,HB | AS3PD080D000xx1 | 1 | \$146.00 | 38\% | \$90.52 |
| S101144PW | MINCO PRODUCTS, INC | 1 K OHM PLAT.WINDOW TAB RTD | S101144PWY40B | 1 | \$81.13 | 38\% | \$50.30 |
| S241HC | MINCO PRODUCTS, INC | high temperature probe | S100666PW55Y24 | 1 | \$219.77 | 38\% | \$136.26 |
| S450PDY6 | MINCO PRODUCTS, INC | SENSOR | S450PDY6 | 1 | \$144.00 | 38\% | \$89.28 |
| S469PW | MINCO PRODUCTS, INC | 1K OHM PLAT.FLEXXBLE RTD | S469PWY36B | 1 | \$167.00 | 38\% | \$103.54 |
| S665PDY48BC | MINCO PRODUCTS, INC | SAMPLE - POLYMIDE 100 OHM RIBBON SENSOR | S665PDY48BC | 1 | \$148.11 | 38\% | \$91.83 |
| S667PDY40BC | MINCO PRODUCTS, INC | SAMPLE - 100 OHM WATERPROOF RIBBON SENSORS | S667PDY40BC | 1 | \$162.77 | 38\% | \$100.92 |
| ST-Av81H | Minco Products, inc | $24^{\prime} 100$ OHM AVERAGING SENSOR | S100640PEY24 | 1 | \$261.31 | 38\% | \$162.01 |
| ST-AV81H-Xz | MINCO PRODUCTS, INC | 24' 100 OHM AVG SENS. w/3 WIRE | KELE BOM | 1 | \$285.27 | 38\% | \$176.87 |
| ST-Av81H12 | MINCO PRODUCTS, INC | 100 OHM PLATİUM $12^{1}$ AVG SENS | S100640PEY 12 | 1 | \$235.08 | 38\% | \$145.75 |
| ST-AV81H12-XZ | MINCO PRODUCTS, INC | 100 OHM PLAT. 12 ' Avg.W/3 WIRE | KELE BOM | 1 | \$261.09 | 38\% | \$161.88 |
| ST-Av81H50 | MINCO PRODUCTS, INC | $50^{\prime} 100$ OHM 385 AVERAGING RTD | S100640PEY50 | 1 | \$493.10 | 38\% | \$305.72 |
| ST-AV81H50-XZ | MINCO PRODUCTS, INC | $50^{\prime} 100$ OHM AVG RTD 3 -WIRE | KELE BOM | 1 | \$521.97 | 38\% | \$323.62 |
| ST-AV81R-12 | MINCO PRODUCTS, INC | 12in AVG. RTD 100 OHM 385 CURVE | S100176PEY12 | 1 | \$169.68 | 38\% | \$105.20 |
| ST-AV81R-18 | Minco Products, inc | 18 in AVG. RTD 100 OHM 385 Curve | S100176PEY18 | 1 | \$173.03 | 38\% | \$107.28 |
| ST-Av81R-18-XZ | MINCO PRODUCTS, INC | 18in RIGID Continuous avg. Element w/ Xz-wire | KELE BOM | 1 | \$225.03 | 38\% | \$139.52 |
| ST-AV81R-24 | MINCO PRODUCTS, INC | 24in AVG. RTD 100 OHM 385 Curve | S100176PEY24 | 1 | \$177.56 | 38\% | \$110.09 |
| ST-Av81R-36 | MINCO PRODUCTS, INC | 36in AVG. RTD 100 OHM 385 CURVE | S100176PEY36 | 1 | \$185.47 | 38\% | \$114.99 |
| ST-Av85H | MINCO PRODUCTS, INC | $24^{\prime} 1 \mathrm{~K}$ OHM 385 DUCT AVG.SENS. | S100949PFY24 | 1 | \$283.69 | 38\% | \$175.89 |
| ST-Av85H12 | MINCO PRODUCTS, INC | $12^{\prime} 1 \mathrm{~K}$ OHM 385 DUCT AVG.SENS. | S109949PFY12 | 1 | \$257.90 | 38\% | \$159.90 |
| ST-Av85H50 | MINCO PRODUCTS, INC | $50^{\prime} 1 \mathrm{~K}$ OHM 385 dUCT AVG.SENS. | S100949PFY50 | 1 | \$500.55 | 38\% | \$310.34 |
| ST-AV85R-12 | Minco Products, inc | 12in AVG. RTD 1000 OHM 385 CURV | S100177PFY 12 | 1 | \$197.68 | 38\% | \$122.56 |
| ST-Av85R-18 | MINCO PRODUCTS, INC | 18in AVG. RTD 1000 OHM 385 CURV | S100177PFY 18 | 1 | \$201.62 | 38\% | \$125.00 |
| ST-Av85R-24 | MINCO PRODUCTS, INC | 24in AVG. RTD 1000 OHM 385 CURV | S100177PFY24 | 1 | \$205.60 | 38\% | \$127.47 |
| ST-Av85R-36 | MINCO PRODUCTS, INC |  | S100177PFY36 | 1 | \$213.48 | 38\% | \$132.36 |
| ST-Av91H | MINCO PRODUCTS, INC | 1000 OHM AVERAGING SENSOR 24' | S100639PWY24 | 1 | \$306.45 | 38\% | \$190.00 |
| ST-Av91H-12 | MINCO PRODUCTS, INC | 1000 OHM AVERAGING SENSOR 12' | S100639PWY12 | 1 | \$274.79 | 38\% | \$170.37 |
| ST-Av91H50 | Minco Products, inc | AVERAGING SENSOR 1K OHM 50FT. | S100639PWY50 | 1 | \$512.07 | 38\% | \$317.48 |
| ST-Av91R-12 | Minco Products, inc | 12in AVG. RTD 1000 OHM 375 CURVE | S100178PWY12 | 1 | \$205.34 | 38\% | \$127.31 |
| ST-AV91R-18 | MINCO PRODUCTS, INC | 18in AVG. RTD 1000 OHM 375 CURVE | S100178PWY18 | 1 | \$209.27 | 38\% | \$129.75 |
| st-Av91R-24 | MINCO PRODUCTS, INC | 24in AVG. RTD 1000 OHM 375 CURVE | S100178PWY24 | 1 | \$213.21 | 38\% | \$132.19 |
| st-Av91R-36 | MINCO PRODUCTS, INC | 36 in AVG. RTD 1000 OHM CURVE | S100178PWY36 | 1 | \$221.13 | 38\% | \$137.10 |
| ST-R77 | MINCO PRODUCTS, INC | RAW SENSOR 1000 OHM RTD | S400FBY12 | 1 | \$48.00 | 38\% | \$29.76 |
| TT111H-0800 | MINCO PRODUCTS, INC | 0-800 F TRANSMITTER | T111H-0800 | 1 | \$199.00 | 38\% | \$123.38 |
| TT111PD1BJ | MINCO PRODUCTS, INC | RTD TRANSMITER 30 TO 250 F | T111PD1BJ | 1 | \$213.00 | 38\% | \$132.06 |
| Troipdien | Minco Products, inc | T-XMITR 4/20MA,-20/140F,100/385 | TT801PDIEN | 1 | \$241.00 | 38\% | \$149.42 |
| TT801pD1N | MINCO PRoducts, inc | T-XMITR 4/20MA,32/122F,100/385 | Trooppln | 1 | \$241.00 | 38\% | \$149.42 |
| TT807PW1A | MINCO PRoducts, inc | 20/120F TEMP TRANSMITTER | T807PW1A | 1 | \$195.00 | 38\% | \$120.90 |
| TT807PW1BN | Minco Products, inc | T-XMITR 4/20MA,30/240F, $1 \mathrm{~K} / 375$ | TT807PW1BN | 1 | \$195.00 | 38\% | \$120.90 |
| TT807PW1EN | MINCO PRODUCTS, INC | T-XMITR 4/20MA,-20/140F,1K/375 | TT807PWIEN | 1 | \$195.00 | 38\% | \$120.90 |
| TT807PW1N | MINCO PRODUCTS, INC | T-XMITR 4/20MA,32/122F,1K/375 | T807PW1N | 1 | \$195.00 | 38\% | \$120.90 |
| T809PW000w1BII | MINCO PRODUCTS, INC | XMITR 4/20MA,30/130F,1K/375 | T8809PW000wibil | 1 | \$294.71 | 38\% | \$182.72 |
| TT809Pwooow15x1 | Minco Products, inc | XMITR 4/20MA,SPEC RANGE,1K/375,-XXX-YYE | KELE Bom | 1 | \$378.81 | 38\% | \$234.86 |
| T809PW04001BI1 | MINCO PRODUCTS, INC | OSA T-XMITR 4/20MA,30/130F | Tr809PW04001bI1 | 1 | \$402.62 | 38\% | \$249.62 |
| TT809PW040015X1 | MINCO PRoducts, inc | OSA T-XMITR 4/2OMA, -XX/-YYE | KELE BOM | 1 | \$391.24 | 38\% | \$242.57 |
| T8809PW055P1BII | Minco Products, inc | ImMERSION T-XMITR 4/20MA,30/130F | T809PW055P1BI1 | 1 | \$461.97 | 38\% | \$286.42 |
| TT809PW055P15X1 | MINCO PRODUCTS, INC | IMMERSITON T-XMITR 4/20MA, -XX/-YYE | KELE BOM | 1 | \$445.96 | 38\% | \$276.50 |
| T809PW080E1BII | MINCO PRODUCTS, INC | DUCT T-XMITR 4/20MA, 30/130F | T809PW080E13I1 | 1 | \$369.17 | 38\% | \$228.89 |
| TT809PW080E15X1 | MINCO PRODUCTS, INC | DUCT T-XMITR 4/2OMA, -XX\|-YYE | KELE BOM | 1 | \$385.04 | 38\% | \$238.72 |
| TT809PW288V1BII | MINCO PRODUCTS, INC | AVG T-XMITR 4/20MA,30/130F | T809PW288V1BI1 | 1 | \$464.25 | 38\% | \$287.84 |
| Tr809PW288V15X1 | Minco Products, inc | AVG T-XMITR 4/20MA, -XX/-YYE | KELE BOM | 1 | \$447.83 | 38\% | \$277.65 |
| T859PW1H1 | MINCO PRoDUCTS, INC | ROOM T-XMITR 4/20MA,40/90F | T859PW1H1 | 1 | \$300.31 | 38\% | \$186.19 |
| TT859PW1H2 | MINCO PRODUCTS, INC | ROOM T-XMITR 4/20MA,40/90F,CERT. | T859PW1H2 | 1 | \$369.63 | 38\% | \$229.17 |
| TR899PW1S1 | MINCO PRODUCTS, INC | ROOM T-XMITR 4/20MA,0/100F | T859PW151 | 1 | \$300.31 | 38\% | \$186.19 |
| TT859PW1SX | MINCO PRODUCTS, INC | ROOM T-XMITR 4/20MA,-XXI-YYE | KELE BOM | 1 | \$307.68 | 38\% | \$190.76 |
| M-622 | minerallac company | 1/4in COPPER STRAP PKG100 | 105SC | 1 | \$42.23 | 38\% | \$26.18 |
| M-623 | mineraliac Company | 3/8in COPPER STRAP PKG100 | 115SC | 1 | \$60.00 | 38\% | \$37.20 |
| M-628 | mineraliac company | PIPE CLAMP PKG100 | 125 C | 1 | \$55.03 | 38\% | \$34.12 |
| W30-32E-3VLV | MODUS InStruments | DP TRANS 0-10PSI 4-20 MA 3VLV | KELE BOM | 1 | \$1,534.00 | 38\% | \$951.08 |
| W30-35E-3VLV | MODUS InSTRUMENTS | DP TRANS 0-60PSI 4-20 MA 3VLV | KELE BOM | 1 | \$1,534.00 | 38\% | \$951.08 |
| LPI-5R | MOUSER ELECTRONICS | Small led red indicator | KELE BOM | 1 | \$284.99 | 38\% | \$176.69 |
| UR | MOUSER ELECTRONICS | MOISTURE RESISTANT BUTT SPLICE PKG100 | 517-UR20074 (100 PACK) | 1 | \$86.00 | 38\% | \$53.32 |
| DMS-20PC-4/20S | MOUSER ELECTRONICS | Small led red indicator(Datel) | 580-20PC-420S-C | 1 | \$384.00 | 38\% | \$238.08 |
| DMS-BZL3 | MOUSER ELECTRONICS | Optionial bezel (DATEL) | 580-DMS-BZL3-C | 1 | \$19.06 | 38\% | \$11.82 |
| AMP-10 | Nailor industries | 10in AMPLIFLOW FLOW SENSOR | AMP-10 | 1 | \$172.00 | 38\% | \$106.64 |
| AMP-11 | Nailor industries | 11IN AMPLIFLOW FLOW SENSOR | AMP-11 | 1 | \$190.00 | 38\% | \$117.80 |
| AMP-12 | NAILOR INDUSTRIES | 12in AMPLIFLOW FLOW SENSOR | AMP-12 | 1 | \$174.00 | 38\% | \$107.88 |
| AMP-13 | Nailor industries | 13IN AMPLIFLOW FLOW SENSOR | AMP-13 | 1 | \$315.00 | 38\% | \$195.30 |
| AMP-14 | Nailor industries | 14in AMPLIFLOW FLOW SENSOR | AMP-14 | 1 | \$292.00 | 38\% | \$181.04 |
| AMP-15 | Nailor industries | 15IN AMPLIFLOW FLOW SENSOR | AMP-15 | 1 | \$315.00 | 38\% | \$195.30 |
| AMP-16 | Nailor industries | 16 in AMPLIFLOW FLOW SENSOR | AMP-16 | 1 | \$308.00 | 38\% | \$190.96 |
| AMP-17 | Nailor industries | 17IN AMPLIFLOW FLOW SENSOR | AMP-17 | 1 | \$315.00 | 38\% | \$195.30 |
| AMP-18 | Nailor industries | 18in AMPLIFLOW FLOW SENSOR | AMP-18 | 1 | \$304.00 | 38\% | \$188.48 |
| AMP-19 | Nailor industries | 19IN AMPLIFLOW FLOW SENSOR | AMP-19 | 1 | \$372.00 | 38\% | \$230.64 |
| AMP-20 | Nailor industries | 20 in AMPLIFLOW FLOW SENSOR | AMP-20 | 1 | \$355.00 | 38\% | \$220.10 |
| AMP-21 | Nailor industries | 21IN AMPLIFLOW FLOW SENSOR | AMP-21 | 1 | \$372.00 | 38\% | \$230.64 |
| AMP-22 | Nailor industries | 22in AMPLIFLOW FLOW SENSOR | AMP-22 | 1 | \$364.00 | 38\% | \$225.68 |
| AMP-23 | Nailor industries | 23IN AMPLIFLOW FLOW SENSOR | AMP-23 | 1 | \$372.00 | 38\% | \$230.64 |
| AMP-24 | Nailor industries | 24 in AMPLIFLOW FLOW SENSOR | AMP-24 | 1 | \$355.00 | 38\% | \$220.10 |
| AMP-25 | Nailor industries | 2IIN AMPLILLOW FLOW SENSOR | AMP-25 | 1 | \$382.00 | 38\% | \$236.84 |
| AMP-26 | Nailor industries | 26 in AMPLIFLOW FLOW SENSOR | AMP-26 | 1 | \$384.00 | 38\% | \$238.08 |
| AMP-27 | NAILOR INDUSTRIES | 27IN AMPLIFLOW FLOW SENSOR | AMP-27 | 1 | \$401.00 | 38\% | \$248.62 |
| AMP-28 | Nailor industries | 28in AMPLIFLOW FLOW SENSOR | AMP-28 | 1 | \$397.00 | 38\% | \$246.14 |
| AMP-29 | Nailor industries | 29IN AMPLIFLOW FLOW SENSOR | AMP-29 | 1 | \$421.00 | 38\% | \$261.02 |
| AMP-30 | Nailor industries | 30in AMPLIFLOW FLOW SENSOR | AMP-30 | 1 | \$408.00 | 38\% | \$252.96 |
| AMP-32 | Nailor industries | 32in Ampliflow sensor | AMP-32 | 1 | \$427.00 | 38\% | \$264.74 |
| AMP-34 | Nailor industries | FLOW SENSOR 34" | AMP-34 | 1 | \$463.00 | 38\% | \$287.06 |
| AMP-36 | Nailor industries | 36in Ampliflow flow sensor | AMP-36 | 1 | \$468.00 | 38\% | \$290.16 |
| AMP-38 | NAILOR InDUSTRIES | 38in AMPLIFLOW FLOW SENSOR | AMP-38 | 1 | \$481.00 | 38\% | \$298.22 |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Inctled] Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementiondistallons system. mainten of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, owers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
B. Audio-Video equipment or systems (eg. smart boards, projectors, studio broadcasting conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To comunicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Istledl Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pane platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance: and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, howers, water fountains, water heaters hot water tanks, garbage disposa
General Ductwork, Piping etc. shall not be obtained on these contracts
Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not:
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not imited to
A. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely us
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

|  | Mantuacurer |  | "Warranty Period - \# of year(s) after |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | $\begin{aligned} & \text { juired b } \\ & \text { ise } 54 \text { w } \end{aligned}$ | Lst Price | \% Discount | nvs Nel Price |
| C560MH | NSi industries, LLC (FORMERL' 0-60 Min timer with hold metal plate | C560MH | 1 | \$108.00 | 38\% | \$66.96 |
| K-332 | numatic engineering prv station w/H20 \& oil flter | M-767 | 1 | \$591.00 | 38\% | \$366.42 |
| wxu-220 | NUMATIC ENGINEERING REPLACEMENT FILTER FOR K -332 (bOX OF 4) | 220 | 1 | \$155.00 | 38\% | \$96.10 |
| REP485 | OEMCTRL, Div of Automated Logir RS485 NETWORK REPEATER - EXTENDS ADD. 4000 FT | REP485 | 1 | \$470.00 | 38\% | \$291.40 |
| LCP Plate | OH hendricks sheet metal in Sub panel for LCP | LCP PLATE | 1 | \$91.94 | 38\% | \$57.00 |
| FS105ABRKT | OH HENDRICKS SHEET METAL In Bracket for fs105A NetGEAR Switch | FS105ABRKT | 1 | \$36.00 | 38\% | \$22.32 |
| H3CA-A | OMRON ELECTRONICS SOLI STATE TIMING RELAY SPDT 24-240VAC/12-240VDC | H3CA-A | 1 | \$463.70 | 38\% | \$287.49 |
| LY1-AC120 | omron electronics Spdt relay 120VAC | LY1AC10120 | 1 | \$12.10 | 38\% | \$7.50 |
| LY1-AC24 | OmRon Electronics Spdt relay 24vac | LY1AC24 | 1 | \$11.91 | 38\% | \$7.38 |
| LY1-DC12 | OMRON ELECTRONICS SPDT RELAY 12VDC | LY1DC12 | 1 | \$11.59 | 38\% | \$7.19 |
| LY1-DC24 | OMRON ELECTRONICS SPDT RELAY 24VDC | LY1DC24 | 1 | \$11.59 | 38\% | \$7.19 |
| LYYF-AC24 | OMRON ELECTRONICS SPDT RELAY 24 V W/MOUNT. HoLES | lyifac24 | 1 | \$13.50 | 38\% | \$8.37 |
| LY114-AC120 | OMRON ELECTRONICS SPDT RELAY W/TEST BUTTON 120VAC | LY114AC110120 | 1 | \$17.19 | 38\% | \$10.66 |
| LY114-AC24 | OMRon electronics Spdt relay 24V W/TEST BUTTON | LY114AC24 | 1 | \$12.10 | 38\% | \$7.50 |
| LY1N-AC120 | OMRON ELLCCTRONICS SPDT RELAY W/LIGHT 120VAC | LY1NAC110120 | 1 | \$20.01 | 38\% | \$12.41 |
| LY1N-AC24 | omron electronics Spdt relay 24vac | LY1NAC24 | 1 | \$15.92 | 38\% | \$9.87 |
| LY2-AC120 | omron electronics dPDT relay 120VAC | LY2AC10120 | 1 | \$13.58 | 38\% | \$8.42 |
| Ľ2-AC24 | OMRON ELECTRONICS DPDT RELAY 24VAC | LY2AC24 | 1 | \$12.81 | 38\% | \$7.94 |
| LY2-AC240 | omron electronics dPDT relay 240vac | LY2AC220240 | 1 | \$14.14 | 38\% | \$8.77 |
| LY2-DC12 | OMRON ELECTRONICS DPDT RELAY 12VDC | LY2DC12 | 1 | \$13.58 | 38\% | \$8.42 |
| LY2-DC24 | OMRON ELECTRONICS DPDT RELAY 24VDC | LY2DC24 | 1 | \$13.58 | 38\% | \$8.42 |
| LY2IAN-AC120 | OMRON ELECTRONICS DPDT RELAY 120VAC W/LT \& But. | LY2I4NAC110120 | 1 | \$22.34 | 38\% | \$13.85 |
| LY214N-AC24 | OMRON ELECTRONICS DPDt reLay 24VaC w/LT.\& BUTTON | LY214NAC24 | 1 | \$22.34 | 38\% | \$13.85 |
| LY214N-DC12 | OMRON ELECTRONICS DPDT RELAY $12 \mathrm{VDC} \mathrm{W/LT} \mathrm{\&} \mathrm{BTN}$ | LY2IANDC12 | 1 | \$22.34 | 38\% | \$13.85 |
| LY214N-DC24 | OMRON ELECTRONICS DPDT RELAY 24VDC W/LT \& BUT. | LY2IANDC24 | 1 | \$22.34 | 38\% | \$13.85 |
| LY2N-AC120 | OMron Electronics DPDT RELAY 120VAC W/Light | LY2NAC110120 | 1 | \$17.24 | 38\% | \$10.69 |
| LY2N-AC24 | OMRON ELECTRONICS DPDT RELAY 24VAC W/LGHT | LY2NAC24 | 1 | \$13.17 | 38\% | \$8.17 |
| LY2N-AC240 | OMRON ELECTRONICS DPDT RELAY 240VAC W/LIGHT | LY2NAC220240 | 1 | \$19.29 | 38\% | \$11.96 |
| LY2N-DC12 | omron electronics dPdt relay 12VDC W/Light | LY2NDC12 | 1 | \$18.36 | 38\% | \$11.38 |
| LY2N-DC24 | omron electronics dPdt relay 24VdC w/Light | LY2NDC24 | 1 | \$17.97 | 38\% | \$11.14 |
| LY3-AC120 | OMRON ELECTRONICS 3PDT RELAY 120VAC | Lr3AC120 | 1 | \$18.63 | 38\% | \$11.55 |
| LY3-AC24 | Omron electronics 3PDt relay 24vac | LY3AC24 | 1 | \$18.63 | 38\% | \$11.55 |
| LY3-DC12 | OMRON ELECTRONICS 3PDT RELAY 12VDC | LY3DC12 | 1 | \$20.01 | 38\% | \$12.41 |
| L43-DC24 | OmRON ELECTRONICS 3PDT RELAY 24VDC | LY3DC24 | 1 | \$18.60 | 38\% | \$11.53 |
| LY3F-AC24 | OmRon Electronics relay | LY3FAC24 | 1 | \$33.08 | 38\% | \$20.51 |
| LY314-AC120 | OMRON ELECTRONICS 3 SPD RELAY W/TEST BUUTON 120VAC | LY314AC110120 | 1 | \$41.00 | 38\% | \$25.42 |
| LY314-AC24 | OMRON ELECTRONICS 3PDT RELAY W/TEST BUTTON 24VAC | LY314AC24 | 1 | \$29.75 | 38\% | \$18.45 |
| LY314-DC24 | OMRON ELECTRONICS 3PDT RELAY W/TEST BUTTON 24VDC | LY314DC24 | 1 | \$29.75 | 38\% | \$18.45 |
| LY3N-AC120 | OMRON ELECTRONICS 3PDT RELAY 120VAC W/LIGHT | Lr3nAC120 | 1 | \$25.76 | 38\% | \$15.97 |
| LY3N-AC24 | OMRON ELECTRONICS 3PDT RELAY 24VAC W/LGGT | LY3NAC24 | 1 | \$23.41 | 38\% | \$14.51 |
| LY3N-DC24 | OMRON ELECTRONICS 3PDT RELAY 24VDC W/LIGHT | LY3NDC24 | 1 | \$24.21 | 38\% | \$15.01 |
| LY4-AC120 | OMRON ELECTRONICS 4PDT RELAY 120VAC | LY4AC120 | 1 | \$21.67 | 38\% | \$13.44 |
| LY4-AC24 | OmRon electronics apdt relay 24vac | LYAAC24 | 1 | \$21.67 | 38\% | \$13.44 |
| LY4-AC240 | OMRON ELECTRONICS 4PDT RELAY 240VAC | LY4AC240 | 1 | \$33.00 | 38\% | \$20.46 |
| LY4-DC24 | OMRON ELECTRONICS 4 SDT RELAY 24VDC | LY4DC24 | 1 | \$21.83 | 38\% | \$13.53 |
| LY441N-AC120 | OMRON ELECTRONICS 4PDT RELAY W/LIGHT \& TEST BUTTON 120VAC | LY414NAC110120 | 1 | \$49.80 | 38\% | \$3.88 |
| LY4i4N-AC24 | OMRON ELECTRONICS RELAY 4PDT 24VAC W/ LIGHT \& CHECK BUtTON | LY4IANAC24 | 1 | \$49.80 | 38\% | \$30.88 |
| LY414N-DC24 | OMRON ELECTRONICS 4PDT RELAY W/LGHT \& TEST BUTTON 24VDC | LY4IANDC24 | 1 | \$49.80 | 38\% | \$30.88 |
| LY4N-AC120 | OMRON ELLCCTRONICS 4PDT RELAY 120VAC W/LIGHT | LY4NAC120 | 1 | \$29.00 | 38\% | \$17.98 |
| LY4N-AC24 | OMRON ELECTRONICS 4 adt relay 24Vac W/Light | lyanac24 | 1 | \$29.83 | 38\% | \$18.49 |
| LY4N-DC24 | omron electronics 4PDT RELAY 24VDC W/Light | LY4NDC24 | 1 | \$29.83 | 38\% | \$18.49 |
| MKS2PI-AC120 | OMRON ELLCCTRONICS DPDT RELAY 120 VAC , W/TEST\& LOCK Button | MKS2PIAC120 | 1 | \$19.75 | 38\% | \$12.25 |
| MKS2PI-AC24 | OMRON ELECTRONICS DPDT RELAY 24 VAC, w/TEST\& LOCK BUTTON | MKS2PIAC24 | 1 | \$18.20 | 38\% | \$11.28 |
| MKS2PI-DC24 | OMRON ELECTRONICS DPDT RELAY $24 \mathrm{VDC}$, , W/TEST\& LOCK BUTTON | MKS2PIIDC24 | 1 | \$18.20 | 38\% | \$11.28 |
| MKS2PiN-AC120 | OMRON ELECTRONICS DPDT RELAY 120 VAC, W/LED, TEST\& LOCK BUtTon | MKS2PINAC120 | 1 | \$22.51 | 38\% | \$13.96 |
| MKS2PIN-AC24 | OMRON ELECTRONICS DPDT RELAY 24 VAC , w/LED,TEST\& LOCK BUTTON | MKS2PINAC24 | 1 | \$21.49 | 38\% | \$13.32 |
| MKS2PIN-DC24 | OMRON ELECTRONICS DPDT RELAY 24 VDC , w/LED, TEST\& LOCK Button | MKS2PINDC24 | 1 | \$21.85 | 38\% | \$13.55 |
| MKS3PI-5-AC120 | OMRON ELECTRONICS 3PDT RELAY 120 VAC , W/TEST\& LOCK Button | MKS3PI5AC120 | 1 | \$23.00 | 38\% | \$14.26 |
| MKS3P--5-AC24 | OMRON ELECTRONICS 3PDT RELAY 24 VAC , W/TEST\& LOCK BUTTON | MK53PIIAC24 | 1 | \$22.42 | 38\% | \$13.90 |
| MKS3PIN-5-AC120 | OMRON ELECTRONICS 3PDT RELAY 120 VAC , W/LED, TEST\& LOCK Button | MKS3PIN5AC120 | 1 | \$26.17 | 38\% | \$16.23 |
| MKS3PIN-5-AC24 | OMron electronics 3PdT RELAY 24 VAC , W/LED, TEST\& LOCK Button | MKS3PIN5AC24 | 1 | \$27.00 | 38\% | \$16.74 |
| MY2-AC120 | OMRON ELECTRONICS DPDT RELAY 120VAC | MY2AC110120S | 1 | \$16.49 | 38\% | \$10.22 |
| MY2-DC12S | OMRON ELECTRONICS RELAY, DPDT, 12VDC | MY2DC12S | 1 | \$12.40 | 38\% | \$7.69 |
| MY2-DC24 | OMRON ELECTRONICS DPDT RELAY 24VDC | MY2DC24S | 1 | \$12.19 | 38\% | \$7.56 |
| MY4-AC110/120 | omron electronics 4PDT RELAY 110/120VAC | MY4AC110120S | 1 | \$13.71 | 38\% | \$8.50 |
| MY4-AC24 | OMRON ELECTRONICS 4 SDT RELAY 24VAC | MY4AC24S | 1 | \$12.14 | 38\% | \$7.53 |
| MY4-DC12S | OMRON ELECTRONICS 4PDT RELAY 12VDC | MY4DC12S | 1 | \$14.16 | 38\% | \$8.78 |
| MY4N-AC110/120 | OMRON ELECTRONICS 4PDT LED RELAY 110/120VAC | MY4NAC10120S | 1 | \$19.49 | 38\% | \$12.08 |
| P2CF-11 | OMRON ELECTRONICS TRACK MOUNTED SOCKET | P2CF11 | 1 | \$26.00 | 38\% | \$16.12 |
| P2RF-05-E | OMRON ELECTRONICS SPDT SOCKET (G2R-1 RELAY) | P2RFOE | 1 | \$7.09 | 38\% | \$4.40 |
| P2RF-08-E | OMRON ELECTRONICS DPDT SOCKET (G2R-2 RELAY) | P2RF08E | 1 | \$11.94 | 38\% | \$7.40 |
| P7LF-06 | OMRON ELECTRONICS Din railsurface mount socket for grl relays | P7LF06 | 1 | \$25.22 | 38\% | \$15.64 |
| PF083A-E | OMRON ELLCTRONICS 8 PIN RELAY SOCKET | PF083AE | 1 | \$9.40 | 38\% | \$5.83 |
| PFF13A-E | OMRON ELECTRONICS 11 PIN RELAY SOCKET | PF113AE | 1 | \$12.51 | 38\% | \$7.76 |
| PFC-A1 | OMRON ELLCCTRONICS $\quad 1$ PAIR - hold down Clip for mk series relays | PFCA1 | 1 | \$3.51 | 38\% | \$2.18 |
| PFP100N | OMRON ELECTRONICS SOCKET TRACK FOR RELAY | PFP100N | 1 | \$13.80 | 38\% | \$8.56 |
| PTF08A-E | OMRON ELECTRONICS RELAY SOCKET | PTF08AE | 1 | \$8.01 | 38\% | \$4.97 |
| PTF11A | OmRon Electronics relay socket | PTF11A | 1 | \$12.75 | 38\% | \$7.91 |
| PTFF14A-E | OMRON ELECTRONICS RELAY SOCKET | PTF14AE | 1 | \$15.05 | 38\% | \$9.33 |
| PYC-A1 | OMRON ELECTRONICS RELAY HOLD-down clip (1 PAIR) | PYCA1 | 1 | \$0.77 | 38\% | \$0.48 |
| PYF08A-E | OMRON ELECTRONICS MY2 SOCKET/TRACK MOUNT | PYF08AE | 1 | \$9.93 | 38\% | \$6.16 |
| PYF14A-E | OMRON ELECTRONICS MY SERIES SOCKET/TRACK MOUNT | PYF14AE | 1 | \$14.04 | 38\% | \$8.70 |
| CABLE-4-20MA | ONSET COMPUTER CORPORATIOI 18in CABLE FOR DATA LOGGERS | CABLE-4-20MA | 1 | \$114.00 | 38\% | \$70.68 |
| CABLE-CO2 | ONSET COMPUTER CORPORATIOI CABLE FOR 7001 CO2 TO HOBO | CABLE-CO2 | 1 | \$132.00 | 38\% | \$81.84 |
| CABLE-USB232 | ONSET COMPUTER CORPORATIOI USB SERIAL ADAPTER | ADAPT-SER-USB | 1 | \$223.00 | 38\% | \$138.26 |
| TMC6-HD | ONSET COMPUTER CORPORATIOI TEMP SENSOR W/ 6fr. CABLE | TMC6-HD | 1 | \$169.57 | 38\% | \$105.13 |
| KOAMS-TT | PARAGON CONTROLS INC. 1k OHM DUCT X-MITTER IN WATERPROOF Housing | KOAMS-TT | 1 | \$286.00 | 38\% | \$177.32 |
| 20-4-5/32 | PARKER HANNIIIN CORPORATIOP 5/32in\&1/4ino.d. BARB PLUG PKG50 | x20-4-5/32 | 1 | \$67.21 | 38\% | \$41.67 |
| 207aCBHS-2 | Parker hannifin corporatior $1 / 8$ NPT SHORT BULKHEAD | x207ACBHS-2 | 1 | \$26.21 | 38\% | \$16.25 |
| 209P-8-2 | PARKER HANNIFIN CORPORATIOP $1 / 2 \times 1 / 8$ PIPE BUSHING PKG25 | X209P-8-2 | 1 | \$137.54 | 38\% | \$85.27 |
| 222P-4-2 | PARKER HANNIFIN CORPORATIO $1 / 4 \times 1 / 8$ ADAPTER PKG25 | x222P-4-2 | 1 | \$141.56 | 38\% | \$87.77 |
| B-123 | PARKER HANNIFIN CORPORATIO $1 / 4 \times 1 / 4 \mathrm{SOLDER}$ ADAPTER PKG100 | х238-4-4 | 1 | \$369.00 | 38\% | \$228.78 |
| B-131-10 | PARKER HANNIFIN CORPORATIOP $5 / 32$ AND $1 / 4 \times 1 / 8$ Mpt AdAPTER PKG100 | x28-4-5/32-2 | 1 | \$339.44 | 38\% | \$210.45 |
| B-132 | PARKER HANNIIIN Corporatior $1 / 4 \times 1 / 8$ MPT AdAPTER PKG100 | X28-4-2 | 1 | \$114.29 | 38\% | \$70.86 |
| B-133 | PARKER HANNIFIN Corporatior $3 / 8 \times 1 / 8$ MPT AdAPTER PKG100 | X28-6-2 | 1 | \$169.33 | 38\% | \$104.98 |
| B-134 | PARKER HANNIFIN CORPORATIOP $3 / 8 \times 1 / 4$ MPT ADAPTER PKG50 | X28-6-4 | 1 | \$155.34 | 38\% | \$96.31 |
| B-135 | PARKER HANNIFIN CORPORATIOP $1 / 4 \times 1 / 8$ FPT ADAPTER PKG100 | X26-4-2 | 1 | \$179.60 | 38\% | \$111.35 |
| B-137 | PARKER HANNIFIN CORPORATIO $1 / 4 \times 1 / 4$ COMPRESSIION ADAPTER PKG50 | x22CA-4-4 | 1 | \$116.76 | 38\% | \$72.39 |
| B-138 | PARKER HANNIFIN CORPORATIO $1 / 4 \times 1 / 4$ COMPRESSIION BULKHEAD PKG25 | х22САВН-4-4 | 1 | \$144.69 | 38\% | \$89.71 |
| B-139 | PARKER HANNIFIN CORPORATIO $3 / 8 \times 3 / 8$ COMPRESSION BULKHEAD PKG25 | х22САВН-6-6 | 1 | \$379.69 | 38\% | \$235.41 |
| B-141 | PARKER HANNIIFIN Corporatior bulkhead barb-barb brass 3/8 25PKG | х228H-6-6 | 1 | \$389.96 | 38\% | \$241.78 |
| B-157 | Parker hannifin corporatior bulkhead ni-brass 1/8 fnpt 10pkg | XNI207ACBH-2 | 1 | \$255.94 | 38\% | \$158.68 |
| B-260 | PARKER HANNIFIN CORPORATIOP $5 / 32 \times 5 / 32$ FR TUBING ONLY CPLG PKG50 | x22-5/32 | 1 | \$49.53 | 38\% | \$30.71 |
| B-261 | PARKER HANNIIIN CORPORATIOP $1 / 4 \times 5 / 32$ BARB COUPLING PKG50 | x22-4-5/32 | 1 | \$43.99 | 38\% | \$27.27 |
| B-264 | PARKER HANNIFIN CORPORATIOP $3 / 8 \times 3 / 8$ COUPLING PKG50 | x22-6 | 1 | \$57.94 | 38\% | \$35.92 |

The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. . BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated
Microprocessor-Controled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems. Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Itegrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc, which are Factory-Mound HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these
products by the authorized user.
Integrated BAS/EMS/ntegrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor LonTalks, Modbus,解
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned instalalan, systems ingrain, mainten

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted Inctledl Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pa (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs .
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
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A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' $\mathbf{l}$ 'cation in the event of a fire or emergency.

| Model Number | Wantiacturer Proctice Desaripition | Hec | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54 " | List Price | \% Discount | Nvs Na |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CB155 | PECO, INC. TB155 CVR W/O FAN OR SYS SWITCHES | 68879 | 1 | \$18.00 | 38\% | \$11.16 |
| CB155-SNF | PECO, INC. TB155 CVR W/SYS On/OFF, NO FAN SWITCH | 67421 | 1 | \$16.00 | 38\% | \$9.92 |
| CB158 | PECO, INC. TB158 CVR W/O FAN SWITCH | 68866 | 1 | \$18.00 | 38\% | \$11.16 |
| CC158 | PECO, INC. $\quad$ TC158 CVR W/O FAN SWITCH | 68867 | 1 | \$18.00 | 38\% | \$11.16 |
| SD200-002 | PECO, INC. OCCU SENSOR/TIME DELAY/TEMPERATURE LIMITING | 68377 | 1 | \$215.00 | 38\% | \$133.30 |
| SDP155-008 | PECO, INC. PECO XREF SENSOR: X13790464/419-1120/SEN01280 | 69561 | 1 | \$165.00 | 38\% | \$102.30 |
| SDP155-009 | PECO, INC. PECO XREF SENSOR: X13790465/419-1121/SEN01281 | 69562 | 1 | \$185.00 | 38\% | \$114.70 |
| SE200-001 | PECO, INC. DOOR SWITCH PLUNGER BALL, NC | SE200-001 | 1 | \$12.00 | 38\% | \$7.44 |
| SF200-001 | PECO, INC. 120-240/24VDC POWER PACK, 200MA | 68378 | 1 | \$65.00 | 38\% | \$40.30 |
| SP155-009 | PECO, INC. PECO SENSOR: REPLACES X13510636010/ BaYSENSOO6B | 69306 | 1 | \$70.00 | 38\% | \$43.40 |
| SP155-011 | PECO, INC. PECO SENSOR: REPLACES 435674920100/ BAYSENSOO8B | 69307 | 1 | \$78.00 | 38\% | \$48.36 |
| SP155-017 | PECO, INC. PECO SENSOR: REPLACES BAYSENS017B | 69308 | 1 | \$45.00 | 38\% | \$27.90 |
| SP155-026 | PECO, INC. PECO SENSOR:REPLACES X13510606010/ 41901094 | 69310 | 1 | \$68.00 | 38\% | \$42.16 |
| SP155-027 | PECO, INC. PECO SENSOR: REPLACES X13510606020/41901090 | 69311 | 1 | \$75.00 | 38\% | \$46.50 |
| SP155-028 | PECO, INC. PECO SENSOR: REPLACES X13510606030/ 41901088 | 69312 | 1 | \$61.00 | 38\% | \$37.82 |
| SP155-035 | PECO, INC. PECO SENSOR: REPLACES X13510611010/ 41901086 | 69313 | 1 | \$62.00 | 38\% | \$38.44 |
| SP155-065 | PECO, INC. PECO SENSOR:X13510735010/435687510200/BAYSENSO14C | 69314 | 1 | \$72.00 | 38\% | \$44.64 |
| T12532-001 | PECO, INC. $\quad$ T-STAT/PROG/3H/2C/24 VAC OR BATT POWER | 69923 | 1 | \$357.42 | 38\% | \$221.60 |
| T12532-IAQ | PECO, INC. $\quad$ T-STAT W/HUMIDTTY/PROG/3H/2C/24 VAC OR BATT POWER | 70336 | 1 | \$360.00 | 38\% | \$223.20 |
| T4522-001 | PECO, INC. $\quad$ T-STAT/PROG/2H/2C/24 VAC OR BATT POWER | 69921 | 1 | \$165.00 | 38\% | \$102.30 |
| T4932SCH-001 | PECO, INC. T-STAT/PROG/3H/2C/24 VAC OR BATT POWER | 70450 | 1 | \$290.00 | 38\% | \$179.80 |
| T4932SCH-002 | PECO, INC. $\quad$ T-STAT WITH HUMIDITY/PROG/3H/2C/24 VAC OR BATT | 70451 | 1 | \$325.00 | 38\% | \$201.50 |
| T8532-001 | PECO, INC. T-STAT/PROG/3H/2C/24 VAC OR BATT POWER | 69922 | 1 | \$215.00 | 38\% | \$133.30 |
| T8532-IAQ | PECO, INC. T-STAT/W HUMIDTT/PRROG/3H/2C/24 vac Or batt Power | 70337 | 1 | \$245.00 | 38\% | \$151.90 |
| TA155-028 | PECO, INC. T-STAT/FAN COIL THERMOSTAT | 67027 | 1 | \$155.00 | 38\% | \$96.10 |
| TA155-046 | PECO, INC. T-STAT/FAN COIL THERMOSTAT | 68604 | 1 | \$150.00 | 38\% | \$93.00 |
| TA155-047 | PECO, INC. 24-277 VOLTAGE H OR C TRIAC | 68605 | 1 | \$155.00 | 38\% | \$96.10 |
| TA158-100 | PECC, INC. $\quad 1 \mathrm{H} / 1 \mathrm{CL} 2$-ON/OFF, W/FAN O/H/M/L, SYS H/O/C/A | 68730 | 1 | \$184.00 | 38\% | \$114.08 |
| TA167-006 | PECC, INC. $24 \mathrm{~V}, 0-10 \mathrm{VDC} \mathrm{H} \mathrm{AND} \mathrm{C}$, | 68428 | 1 | \$138.00 | 38\% | \$85.56 |
| TA167-007 | PECO, INC. $24 \mathrm{~V}, 0-10 \mathrm{VDC} \mathrm{H} \mathrm{OR} \mathrm{C} \mathrm{H} / \mathrm{M} /$,L FAN, H/O/C SYSTEM | 68609 | 1 | \$148.00 | 38\% | \$91.76 |
| TA168-100 | PECO, INC. PI, $0-10 \mathrm{~V} / 4-20 \mathrm{MA}, \mathrm{H} / \mathrm{C}, \mathrm{W} / \mathrm{FAN}$ O/H/M/L, SYS H///C/A | 68734 | 1 | \$200.00 | 38\% | \$124.00 |
| TA170-001 | PECO, INC. 1 1/1C/1D 24-277V THERMOSAT, W/3 SPD FAN | 68348 | 1 | \$204.00 | 38\% | \$126.48 |
| TA180-001 | PECO, INC. 7 DAY PROG, 3 SPD 24-277VAC FC STAT | 69378 | 1 | \$275.00 | 38\% | \$170.50 |
| TB155-046 | PECO, INC. T-STAT/FAN COIL THERMOSTAT | 68606 | 1 | \$155.00 | 38\% | \$96.10 |
| TB155-048 | PECO, INC. $24-277 \mathrm{~V}, 1 \mathrm{1H/1C} 2$ 2-TRIAC, AUTO SWITCH OVER | 68608 | 1 | \$165.00 | 38\% | \$102.30 |
| TB158-100 | PECO, INC. $\quad 1 \mathrm{H} / 1 \mathrm{C}$ 2-LLTG, W/FAN O/H/M/L, SYS H/O/C/A | 68731 | 1 | \$200.00 | 38\% | \$124.00 |
| TB170-001 | PECO, INC. 1H/1C/1D $24-277 \mathrm{~T}$ THERMOSAT, W/3 SPD AUTO SEQ FAN | 68457 | 1 | \$210.00 | 38\% | \$130.20 |
| TB180-001 | PECO, INC. 7 dAY PROG, STAGED FAN 24-27TVAC FC STAT | 69379 | 1 | \$290.00 | 38\% | \$179.80 |
| TC158-100 | PECO, INC. $\quad 2 \mathrm{H} / 1 \mathrm{C}$ 3-ON/OFF, W/FAN AUTO/ON, SYS H/O/C/A | 68732 | 1 | \$239.00 | 38\% | \$148.18 |
| TF115-001 | PECO, INC. NEMA 4X TSTAT/SPDT/40-110F/COILED BULB/SS | 68471 | 1 | \$95.00 | 38\% | \$58.90 |
| TF115-023 | PECO, INC. Industrial nema 4x Thermostat | 70254 | 1 | \$135.00 | 38\% | \$83.70 |
| TH109-009 | PECO, INC. Industrial nema 4x Thermostat | 68427 | 1 | \$185.00 | 38\% | \$114.70 |
| TRF115-005 | PECO, INC. Industrial nema 4x Thermostat | 68426 | 1 | \$147.00 | 38\% | \$91.14 |
| TRF115-007 | PECO, INC. Industrial nema 4x Thermostat | 69320 | 1 | \$150.00 | 38\% | \$93.00 |
| T-100 | PERFORMANCE PIPE 5/32in OD BLACK PLASTIC TUBING 500 FT SPOOL | 1063635 | 1 | \$91.98 | 38\% | \$57.03 |
| T-100-2 | PERFORMANCE PIPE $\quad 5 / 32$ in BLACK TWIN TUBING 500 FT SPOOL | 1063636 | 1 | \$224.98 | 38\% | \$139.49 |
| T-100-B | PERFORMANCE PIPE $5 / 32$ In OD PoLY TUBING BLUE STRIPE | 1063641 | 1 | \$108.98 | 38\% | \$67.57 |
| T-100-G | PERFORMANCE PIPE $5 / 32$ In OD Poly tubing green stripe | 1063765 | 1 | \$108.98 | 38\% | \$67.57 |
| T-100-0 | PERFORMANCE PIPE $5 / 32$ IN OD POLY TUBING ORANGE STRIPE | 1063763 | 1 | \$108.98 | 38\% | \$67.57 |
| T-100-R | PERFORMANCE PIPE $\quad 5 / 32$ IN OD POLY TUBING RED STRIPE | 1063639 | 1 | \$108.98 | 38\% | \$67.57 |
| T-100-V | PERFORMANCE PIPE $5 / 32$ IN OD POLY TUBING VIOLET STRIPE | 1063762 | 1 | \$108.98 | 38\% | \$67.57 |
| T-100-w | PERFORMANCE PIPE $5 / 32$ IN OD POLY TUBING WHITE STRIPE | 1063640 | 1 | \$108.98 | 38\% | \$67.57 |
| T-100-Y | PERFORMANCE PIPE $5 / 32$ IN OD POLY TUBiNG YeLow stripe | 1063764 | 1 | \$108.98 | 38\% | \$67.57 |
| T-101 | PERFORMANCE PIPE 1/4in OD BLACK PLASTIC TUBING 250 FT SPool | 1063589 | 1 | \$58.98 | 38\% | \$36.57 |
| T-101-2 | PERFORMANCE PIPE $\quad 1 / 4 \mathrm{in}$ TWIN FR RATED TUBING 250 FT SPOOL | 1063777 | 1 | \$169.98 | 38\% | \$105.39 |
| T-101-B | PERFORMANCE PIPE 1/4in OD BLACK W/BLUE STRIPE 250 FT SPOOL | 1063768 | 1 | \$73.98 | 38\% | \$45.87 |
| T-101-G | PERFORMANCE PIPE 1/4in OD BLACK W/GREEN STRIPE 250 FT SPOOL | 1063769 | 1 | \$73.98 | 38\% | \$45.87 |
| T-101-0 | PERFORMANCE PIPE 1/4in OD BLACK W/ORANGE STRIPE 250 FT SPOOL | 1063772 | 1 | \$73.98 | 38\% | \$45.87 |
| T-101-R | PERFORMANCE PIPE 1/4in OD BLACK W/RED STRIPE 250 F SPOOL | 1063767 | 1 | \$73.98 | 38\% | \$45.87 |
| T-101-V | PERFORMANCE PIPE 1/4in OD BLACK W/violet STRIPE 250 FT SPOOL | 1063773 | 1 | \$73.98 | 38\% | \$45.87 |
| T-101-W | PERFORMANCE PIPE 1/4in OD BLACK W/WHITE STRIPE 250 FT SPOOL | 1063770 | 1 | \$73.98 | 38\% | \$45.87 |
| T-101-Y | PERFORMANCE PIPE $1 / 4$ in OD BLACK W/YELLOW STRIPE 250 FT SPOOL | 1063771 | 1 | \$73.98 | 38\% | \$45.87 |
| T-110 | PERFORMANCE PIPE $3 / 8 \mathrm{in}$ OD BLACK PLASTIC TUBING 250 FT SPOOL | 1063778 | 1 | \$132.98 | 38\% | \$82.45 |
| T-110-B | PERFORMANCE PIPE $3 / 8$ POLYTUBE BLU STRIPE | 1063793 | 1 | \$164.98 | 38\% | \$102.29 |
| T-110-G | PERFORMANCE PIPE $3 / 8$ POLYTUBE GRN STRIPE | 1063749 | 1 | \$164.98 | 38\% | \$102.29 |
| T-110-0 | PERFORMANCE PIPE $3 / 8$ POLYTUBE ORG STRIPE | 1063750 | 1 | \$164.98 | 38\% | \$102.29 |
| T-110-R | PERFORMANCE PIPE 3/8in OD RED PLASTIC TUBING 250 Ft SPOOL | 1063792 | 1 | \$164.98 | 38\% | \$102.29 |
| T-110-V | PERFORMANCE PIPE $3 / 8$ IN OD POLY TUBING VIILLet STRIPE | 1063751 | 1 | \$164.98 | 38\% | \$102.29 |
| T-110-W | PERFORMANCE PIPE $3 / 8$ POLYTUBE WHT STRIPE | 1063781 | 1 | \$164.98 | 38\% | \$102.29 |
| T-110-Y | PERFORMANCE PIPE 3/8 POLYTUBE YEL STRIPE | 1063802 | 1 | \$164.98 | 38\% | \$102.29 |
| T-130 | PERFORMANCE PIPE 1/2in OD BLACK PLASTIC TUBING 250 FT SPOOL | 1063708 | 1 | \$209.98 | 38\% | \$130.19 |
| PIILCLHCOV1 | PILLA ELLCCTRICAL PRODUCTS In CLEAR HINGED COVER FOR PUSH-PULL | PILCLHCOV1 | 1 | \$169.00 | 38\% | \$104.78 |
| PILCLHCOV5 | PILLA ELECTRICAL PRODUCTS IN CLEAR HINGED COVER FOR BREAK GLASS | PILCLHCOV5 | 1 | \$204.00 | 38\% | \$126.48 |
| PILCLM | pilla electrical products in clear cover for mo, mp, Tw, kr station | PILCLM | 1 | \$160.00 | 38\% | \$99.20 |
| PILENS | pilla electrical products in replacement lens for break lens stations | PILENS | 1 | \$24.00 | 38\% | \$14.88 |
| PILNCCB | PILLA ELECTRICAL PRODUCTS IN N/C CONTACT BLOCK | PILNCCB | 1 | \$39.00 | 38\% | \$24.18 |
| PILNOCB | PILLA ELECTRICAL PRODUCTS IN N/O CONTACT BLOCK | PILNOCB | 1 | \$39.00 | 38\% | \$24.18 |
| ST120SL-RP2-Vs | PILLA ELECTRICAL PRODUCTS IN PUSH BUT STA W/LD VENT STOP | ST120SL-RP2-VS | 1 | \$693.00 | 38\% | \$429.66 |
| WPS-MO-BS-DLM | PILLA ELLCCTRICAL PRODUCTS In PLT EMER STA MOM Boiler shut-down w/Hinge | WPS-MO-BS-DLM | 1 | \$576.19 | 38\% | \$357.24 |
| WPS-Mo-CS-DLM | PILLA ELECTRICAL PRODUCTS IN PLT EMER STA MOM CHILLER STOP W/HINGE | WPS-Mo-Cs-DLM | 1 | \$576.19 | 38\% | \$357.24 |
| wPS-MO-HS-DLM | PILLA ELECTRICAL PRODUCTS IN PLT EMER STA MOM HVAC SHUT-DOWN W/HINGE | WPS-MO-HS-DLM | 1 | \$527.38 | 38\% | \$326.98 |
| wPS-MO-PO-DLM | PILLA ELECTRICAL PRoducts in PLT EMER STA MOM KEY Power off W/Hinge | WPS-MO-PO-DLM | 1 | \$570.00 | 38\% | \$353.40 |
| wPS-MO-SD-DLM | PILLA ELECTRICAL PRODUCTS IN PLT EMER STA MOM SHUT DOWN W/HINGE | WPS-MO-SD-DLM | 1 | \$546.00 | 38\% | \$338.52 |
| WPS-MO-SO-DLM | PILLA ELLECTRICAL PRODUCTS IN PLT EMER STA MOM SHUT OFF W/Hinge | WPS-MO-SO-DLM | 1 | \$576.19 | 38\% | \$357.24 |
| WPS-MO-ST-DLM | PILLA ELECTRICAL PRODUCTS IN PLT EMER STA MOM STOP W/HINGE | WPS-MO-ST-DLM | 1 | \$546.00 | 38\% | \$338.52 |
| WPS-MO-VS-DLM | PILLA ELECTRICAL PRODUCTS IN PLT EMER STA MOM VENT STOP W/HINGE | WPS-MO-VS-DLM | 1 | \$546.00 | 38\% | \$338.52 |
| WPS-MO-VSTART-DLM | PILLA ELECTRICAL PRODUCTS In PLT EMER STA MOM VENT START W/Hinge | WPS-MO-VSTART-DLM | 1 | \$546.00 | 38\% | \$338.52 |
| HL600-BOILER | PILLA ELECTRICAL PRODUCTS IN BOILER SHUTDOWN STA SURF ON OFF 1 NO 1 NC MAINT | HL600-BOILER | 1 | \$1,275.00 | 38\% | \$790.50 |
| hl600-Boiler-Ci | PILLA ELECTRICAL PRODUCTS IN BOILER SHUTDOWN STA CUSTOM BUTTONS 1 NO 1 NC MAINT | HL600-Boiler-CI | 1 | \$1,439.00 | 38\% | \$892.18 |
| HL600-BOILER-EX | PILLA ELECTRICAL PRODUCTS In Boiler Shutdown sta on off 1 NO 1 NC MAINT EXT RED | HL600-BOILER-EX | 1 | \$1,583.00 | 38\% | \$981.46 |
| HL600-BOILER-MO | PILLA ELLCCTRICAL PRODUCTS IN BOILER SHUTDOWN STATION SURF ON OFF 2 NO MOM | HL600-BOILER-MO | 1 | \$1,275.00 | 38\% | \$790.50 |
| HL600-BOILER-RS | PILLA ELECTRICAL Products in boiler shutdown sta reset stop 1 NO 1 NC MAINT | HL600-BOILER-RS | 1 | \$1,371.00 | 38\% | \$850.02 |
| HL600-CHILLER | PilL Electrical products in Chiller stop station surf on off 1 NO 1 NC MAINT | HL600-CHILLER | 1 | \$1,242.00 | 38\% | \$770.04 |
| HL600-Chiller-CI | PiLLA ELECTRICAL Products in Chiller stop sta custom buttons 1 NO 1 NC MAINT | HLL60-CHiller-CI | 1 | \$1,439.00 | 38\% | \$892.18 |
| HL600-CHILLER-EX | PILLA ELECTRICAL PRODUCTS IN CHILLER STOP STA ON OFF 1 NO 1 NC MAINT EXT RED | Hl600-CHiller-Ex | 1 | \$1,583.00 | 38\% | \$981.46 |
| HL600-CHILLER-MO | PILLA ELECTRICAL PRODUCTS IN CHILLER STOP STATION SURF ON OFF 2 No Mom | HL600-Chiller-Mo | 1 | \$1,275.00 | 38\% | \$790.50 |
| HL600-CHILLER-RS | PILLA ELLCTRICAL Products in Chiller stop sta surf reset stop 1 NO 1 NC MAINT | HL600-CHILLER-RS | 1 | \$1,371.00 | 38\% | \$850.02 |
| HL600--UEL | PILLA ELLCCTRICAL PRODUCTS IN FUEL SHUT OfF STATION SURF ON OFF 1 NO 1 NC MAINT | HL600-FUEL | 1 | \$1,256.00 | 38\% | \$778.72 |
| HL600-FUEL-CI | PILLA ELLECRICAL PRODUCTS IN FUEL SHUT OFF STA CUSTOM BUTTONS 1 NO 1 NC MAINT | HL600-FUEL-CI | 1 | \$1,439.00 | 38\% | \$892.18 |
| HL600-FUEL-EX | PiLLA ELECTRICAL Products in fuel shut off Sta on off 1 NO 1 NC MAIIT EXT RED | HL600-FUEL-EX | 1 | \$1,583.00 | 38\% | \$981.46 |
| HL600-FUEL-MO | PilLA Electrical products in fuel shut off Station Surf on off 2 No Mom | HL600-FUEL-MO | 1 | \$1,275.00 | 38\% | \$790.50 |
| HL600-FUELPUMP | PILLA ELECTRICAL Products in fuel pump contr Sta surf on off 1 No 1 NC Maint | HL600-FUELPUMP | 1 | \$1,275.00 | 38\% | \$790.50 |
| HL600-FUELPUMP-CI | PILLA ELECTRICAL PRODUCTS IN FUEL PUMP CONTR STA CUSTOM BUTTONS 1 NO 1 NC MAINT | HL600-FUELPUMP-CI | 1 | \$1,439.00 | 38\% | \$892.18 |
| HL600-FUELPUMP-EX | PILLA ELECTRICAL PRODUCTS IN FUEL PUMP CON STA ON OFF 1 NO 1 NC MAINT EXT RED | HL600-FUELPUMP-EX | 1 | \$1,583.00 | 38\% | \$981.46 |
| HL600-FUELPUMP-MO | PILLA ELECTRICAL PRODUCTS IN FUEL PUMP CONTROL STATION SURF ON OFF 2 NO MOM | HL600-FUELPUMP-MO | 1 | \$1,275.00 | 38\% | \$790.50 |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Installed] Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Cntrolled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain prolocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
e) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or mainten er of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, owers, water fountains, water heaters hot water tanks, garbage disposa
General Ductwork, Piping, etc. shall not be obtained on these contracts
2. Chillers, Rooftop Units, boilers, air handers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not:
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
A. General Purpose IT, Telecommumications, Networking Cabling, Fiber Optics (e.g. phone, pbx, digital centrex, digital key systems, television, cable, T-Line, general broadband,
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc.).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Mosel Number | Wantiacturer Proctice Desaripition | ctoc | $\begin{gathered} \text { "Warranty Period - \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54 \text { " } \end{gathered}$ | List Price | \% Discoumt | NVSN |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| HL600--UELPUMP-RS | PILLA ELECTRICAL PRODUCTS In FUEL PUMP CONTROL STA RESET STOP 1 NO 1 NC MAINT | HL600-FUELPUMP-RS | 1 | \$1,371.00 | 38\% | \$850.02 |
| HL600-FUEL-RS | PILLA ELECTRICAL PRODUCTS In FUEL SHUT OFF STA SURF RESET STOP 1 NO 1 NC MAINT | HL600-FUEL-RS | 1 | \$1,371.00 | 38\% | \$850.02 |
| HL600-GAS | PilLA Electrical products in gas shut off station surf on off 1 NO 1 NC MAINT | HL600-GAS | 1 | \$1,275.00 | 38\% | \$790.50 |
| Hl600-GAS-CI | PILLA ELECTRICAL Products in gas shut off Sta custom buttons 1 NO 1 NC MAINT | HL600-GAS-CI | 1 | \$1,439.00 | 38\% | \$892.18 |
| HL600-GAS-EX | PiLLA ELECTRICAL PRoducts in gas shut off Sta on off 1 NO 1 NC MAINT EXT RED | HL600-GAS-EX | 1 | \$1,583.00 | 38\% | \$981.46 |
| HL600-GAS-MO | PILLA ELECTRICAL PRODUCTS IN GAS SHUT OfF STATION SURF ON OFF 2 No MOM | HL600-GAS-MO | 1 | \$1,275.00 | 38\% | \$790.50 |
| HL600-GAS-RS | PILLA ELECTRICAL Products in gas shut off STA SURF RESET STOP 1 No 1 NC MAINT | HL600-GAS-RS | 1 | \$1,371.00 | 38\% | \$850.02 |
| HLL60-HVAC | PilLA Electrical products in hvac shutdown station surf on off 1 NO 1 NC Maint | HL600-HVAC | 1 | \$1,232.00 | 38\% | \$763.84 |
| HL600-HVAC-CI | PILLA ELECTRICAL Products in hvac shutdown Sta custom buttons 1 NO 1 NC MAINT | HL600-HVAC-CI | 1 | \$1,439.00 | 38\% | \$892.18 |
| HL600-HvaC-Ex | PILLA ELECTRICAL Products in hvac shutdown Sta on off 1 NO 1 NC MAINT EXT RED | HL600-HVaC-EX | 1 | \$1,583.00 | 38\% | \$981.46 |
| HL600-HVAC-MO | PILLA ELECTRICAL PRODUCTS In HVAC SHutdown station surf on off 2 No Mom | HL600-HVAC-MO | 1 | \$1,275.00 | 38\% | \$790.50 |
| HL600-HVAC-RS | PILLA ELECTRICAL PRODUCTS IN HVAC SHUTDOWN STA RESET STOP 1 NO 1 NC MAINT | HL600-HVAC-RS | 1 | \$1,371.00 | 38\% | \$850.02 |
| HL600-POWER | PILLA ELECTRICAL PRODUCTS In Power off Station surf on off 1 NO 1 NC MAINT | HL600-POWER | 1 | \$1,275.00 | 38\% | \$790.50 |
| HL600-POWER-CI | PILLA ELECTRICAL PRODUCTS In POWER OfF STA SURF CUSTOM BUTTONS 1 NO 1 NC MAINT | HL600-POWER-CI | 1 | \$1,439.00 | 38\% | \$892.18 |
| HL600-POWER-EX | PILLA ELECTRICAL PRODUCTS IN POWER OFF STA SURF ON OFF 1 NO 1 NC MAINT EXT RED | HLL60-POWER-EX | 1 | \$1,583.00 | 38\% | \$981.46 |
| HL600-POWER-MO | Pilla electrical products in power off station surf on off 2 No Mom | HL600-POWER-MO | 1 | \$1,275.00 | 38\% | \$790.50 |
| HL60--Power-Rs | pill electrical products in power off sta surf reset stop 1 No 1 NC Maint | HL600-POWER-RS | 1 | \$1,371.00 | 38\% | \$850.02 |
| HL600-REFRIG | Pilla electrical products in refrig stop station surf on off 1 No 1 NC Maint | HL600-REFRIG | 1 | \$1,275.00 | 38\% | \$790.50 |
| HL600-REFRIG-CI | PILLA ELECTRICAL PRODUCTS In refrig stop sta custom buttons 1 NO 1 NC MAINT | HL600-REFRIG-CI | 1 | \$1,439.00 | 38\% | \$892.18 |
| HL600-REFRIG-EX | PILLA ELLECTRICAL PRODUCTS IN REFRIG STOP STA ON OFF 1 NO 1 NC MAINT EXT RED | HLL600-REFRIG-EX | 1 | \$1,583.00 | 38\% | \$981.46 |
| HL600-REFRIG-MO | PILLA ELECTRICAL PRODUCTS IN REFRIG STOP STATION SURF ON OFF 2 NO MOM | HL600-REFRIG-MO | 1 | \$1,275.00 | 38\% | \$790.50 |
| HL600-REFRIG-RS | PILLA ELECTRICAL PRODUCTS IN REFRIG STOP STA SURF RESET STOP 1 No 1 NC MAINT | HLL600-REFRIG-RS | 1 | \$1,371.00 | 38\% | \$850.02 |
| HL600-SHUTDOWN | PiLLA ELECTRICAL Products in Shutdown Station surf on off 1 NO 1 NC MAINT | HL60-Shutdown | 1 | \$1,256.00 | 38\% | \$778.72 |
| HL60-SHUTDOWN-CI | PILLA ELECTRICAL PRODUCTS IN SHUTDOWN STA SURF CUSTOM BUTTONS 1 NO 1 NC MAINT | HL600-SHUTDOWN-CI | 1 | \$1,439.00 | 38\% | \$892.18 |
| HL600-SHUTDOWN-EX | PILLA ELECTRICAL Products in Shutdown Sta surf on off 1 No 1 NC MAINT EXT RED | HL600-SHUTDOWN-EX | 1 | \$1,583.00 | 38\% | \$981.46 |
| HL600-SHUTDOWN-MO | PILLA ELECTRICAL PRODUCTS In SHUTDOWN STATION SURF ON OFF 2 No Mom | HL60-SHUTDOWN-MO | 1 | \$1,275.00 | 38\% | \$790.50 |
| HL600-SHUTDOWN-RS | PILLA ELECTRICAL PRODUCTS IN SHUTDOWN STATION SURF RESET STOP 1 NO 1 NC MAINT | HL600-SHUTDOWN-RS | 1 | \$1,371.00 | 38\% | \$850.02 |
| HL600-SL | PILLA ELLCCTRICAL PRODUCTS IN SPECIFY LEGEND STA SURF ON OFF 1 NO 1 NC MAINT | HLL60-SL | 1 | \$1,495.00 | 38\% | \$926.90 |
| HL600-SL-CI | PILLA ELECTRICAL PRODUCTS IN SPECIIFY LEGEND STA CUSTOM BUTTONS 1 NO 1 NC MAINT | HL600-SL-CI | 1 | \$1,699.00 | 38\% | \$1,053.38 |
| HL600-SL-EX | PILLA ELECTRICAL PRODUCTS In SPECIFY LEGEND STA ON OFF 1 No 1 NC MAINT EXT RED | HL600-SL-EX | 1 | \$1,796.00 | 38\% | \$1,113.52 |
| HL600-SL-MO | PiLLA ELECTRICAL PRODUCTS IN SPECIFY LEGEND STATION SURF ON OFF 2 No MOM | HL600-SL-MO | 1 | \$1,535.00 | 38\% | \$951.70 |
| HL600-SL-RS | PILLA ELECTRICAL PRODUCTS IN SPECIFY LeGEnd Sta surf reset Stop 1 NO 1 NC MAINT | HL600-SL-RS | 1 | \$1,632.00 | 38\% | \$1,011.84 |
| HL600-STOP | PILLA ELECTRICAL PRODUCTS In STOP STATION SURF ON OFF 1 NO 1 NC MAINT | HL600-STOP | 1 | \$1,275.00 | 38\% | \$790.50 |
| HL600-STOP-CI | PILLA ELECTRICAL PRODUCTS IN STOP STATION SURF CUSTOM BUTTONS 1 NO 1 NC MAINT | HL600-STOP-CI | 1 | \$1,439.00 | 38\% | \$892.18 |
| HL600-STOP-EX | PilLA Electrical products in stop station surf on off 1 No 1 NC MAINT EXT RED | HL600-STOP-EX | 1 | \$1,583.00 | 38\% | \$981.46 |
| HL600-STOP-MO | PILLA ELECTRICAL PRODUCTS In STOP STATION SURF ON OFF 2 No MOM | HL600-STOP-MO | 1 | \$1,275.00 | 38\% | \$790.50 |
| HL600-STOP-RS | PILLA ELECTRICAL PRODUCTS In STOP STATION SURF RESET STOP 1 NO 1 NC MAINT | HL600-STOP-RS | 1 | \$1,371.00 | 38\% | \$850.02 |
| hl600-vent | PILLA ELECTRICAL PRODUCTS In VENT STOP STATION SURF ON OFF 1 NO 1 NC MAINT | HL600-VENT | 1 | \$1,275.00 | 38\% | \$790.50 |
| HL600-VENT-CI | PILLA ELECTRICAL PRODUCTS IN VENT STOP STA SURF CUSTOM BUTTONS 1 NO 1 NC MAINT | HL600-VENT-CI | 1 | \$1,439.00 | 38\% | \$892.18 |
| HL600-VENT-EX | PILLA ELECTRICAL PRODUCTS In VENT STOP STA SURF ON OFF 1 NO 1 NC MAINT EXT RED | HL600-VENT-EX | 1 | \$1,583.00 | 38\% | \$981.46 |
| HL600-VENT-MO | PiLLA ELECTRICAL PRODUCTS In vent stop station surf on off 2 No Mom | HL600-VENT-MO | 1 | \$1,275.00 | 38\% | \$790.50 |
| HL600-VENT-RS | PILLA ELECTRICAL PRODUCTS In VENT STOP STA SURF RESET STOP 1 NO 1 NC MAINT | HL600-VENT-RS | 1 | \$1,371.00 | 38\% | \$850.02 |
| HL600-VENTSTART | PiLla electrical products in vent start station surf on off 1 No 1 NC Maint | HL600-VENTSTART | 1 | \$1,232.00 | 38\% | \$763.84 |
| Hl60--VENTSTART-CI | PILLA ELECTRICAL Products in vent start sta surf custom buttons 1 NO 1 NC MAINT | HL600-VENTSTART-CI | 1 | \$1,439.00 | 38\% | \$892.18 |
| HL60--VENTSTART-EX | PILLA ELECTRICAL PRODUCTS IN VENT START STA SURF ON OFF 1 NO 1 NC MAINT EXT RED | HLL60-VENTSTART-EX | 1 | \$1,583.00 | 38\% | \$981.46 |
| HL600-VEntstart-mo | PILLA ELECTRICAL Products in vent start station surf on off 2 No Mom | Hl600-VENTSTART-MO | 1 | \$1,275.00 | 38\% | \$790.50 |
| Hl600-VENTSTART-RS | PILLA ELECTRICAL PRODUCTS IN VENT START STA SURF RESET STOP 1 NO 1 NC MAINT | HL600-VENTSTART-RS | 1 | \$1,371.00 | 38\% | \$850.02 |
| MAs-CAL | PLC-MULTIPOINT, inc mas calirration unit | MAS-CAL | 1 | \$1,636.00 | 38\% | \$1,014.32 |
| MASA-12X0T | PLC-MULTIPOINT, INC ATRIUM LIGHT SENSOR 500 FC InStant time response | MASA-1/2X0T | 1 | \$837.00 | 38\% | \$518.94 |
| MASA-12X1T | PLC-MULTIPOINT, INC ATRIUM LIGHT SENSOR 500 FC 10 MIN TIME RESPONSE | MASA-1/2X1T | 1 | \$837.00 | 38\% | \$518.94 |
| MASA-12x2T | PLC-MULTIPOINT, INC ATRIUM LIGHT SENSOR 500 FC 20 MIN TIME RESPONSE | MASA-1/222T | 1 | \$837.00 | 38\% | \$518.94 |
| MASA-1X0T | PLC-MULTIPOINT, INC ATRIUM LIGHT SENSOR 1000 FC Instant time response | MASA-1XOT | 1 | \$837.00 | 38\% | \$518.94 |
| MASA-111T | PLC-MULTIPOINT, INC ATRRUM LIGHT SENSOR 1000 FC 10 MIN TIME RESPONSE | MASA-1X1T | 1 | \$837.00 | 38\% | \$518.94 |
| MASA-112T | PLC-MULTIPOINT, INC ATRRUM LIGHT SENSOR 1000 FC 20 MIN TIME RESPONSE | MASA-122T | 1 | \$837.00 | 38\% | \$518.94 |
| MASA-2XOT | PLC-MULTIPOINT, INC ATRIUM LIGHT SENSOR 2000 FC InSTANT TIME RESPONSE | MASA-2XOT | 1 | \$837.00 | 38\% | \$518.94 |
| MASA-2X1T | PLC-MULTIPOINT, INC ATRUUM LIGHT SENSOR 2000 FC 10 MIN TIME RESPONSE | MASA-2X1T | 1 | \$837.00 | 38\% | \$518.94 |
| MASA-2X2T | PLC-MULTIPOINT, INC ATRIUM LIGHT SENSOR 2000 FC 20 MIN TIME RESPONSE | MASA-2X2T | 1 | \$837.00 | 38\% | \$518.94 |
| MASI-12XOT | PLC-MULTIPOINT, INC INDOOR LIGHT SENSOR 50 FC InStant TIME RESPONSE | MASI-1/2XOT | 1 | \$837.00 | 38\% | \$518.94 |
| MASI-12x1T | PLC-MuLtipoint, Inc indoor light sensor 50 FC 10 MIN time response | MASI-1/2X1T | 1 | \$837.00 | 38\% | \$518.94 |
| MASI-122X2T | PLC-MULTIPOINT, INC INDOOR LIGHT SENSOR 50 FC 20 MIN TIME RESPONSE | MASI-1/2X2T | 1 | \$837.00 | 38\% | \$518.94 |
| MASI-1X0T | PLC-MULTIPoint, inc indoor light Sensor 100 FC InStant time response | MASI-1X0T | 1 | \$837.00 | 38\% | \$518.94 |
| MASI-111T | PLC-MULTIPOINT, INC INDOOR LIGHT SENSOR 100 FC 10 MIN TIME RESPONSE | MASI-1X1T | 1 | \$837.00 | 38\% | \$518.94 |
| MASI-112T | PLC-MULTIPOINT, INC INDOOR LIGHT SENSOR 100 FC 20 MIN TIME RESPONSE | MASI-122T | 1 | \$837.00 | 38\% | \$518.94 |
| MASI-2XOT | PLC-MULTIPOINT, INC INDOOR LIGHT SENSOR 200 FC INSTANT TIME RESPONSE | MASI-2XOT | 1 | \$837.00 | 38\% | \$518.94 |
| MASI-2X1T | PLC-MULTIPOINT, INC INDOOR LIGHT SENSOR 200 FC 10 MIN TIME RESPONSE | MASI-2X1T | 1 | \$837.00 | 38\% | \$518.94 |
| MASI-2x2T | PLC-MULTIPOINT, INC INDOOR LIGHT SENSOR 200 FC 20 MIN TIME RESPONSE | MASI-2X2T | 1 | \$837.00 | 38\% | \$518.94 |
| MASO-12X0T | PLC-MULTIPOINT, INC OUTDOOR LIGHT SENSOR 125 FC Instant time response | MASO-1/2X0T | 1 | \$837.00 | 38\% | \$518.94 |
| MASO-12X1T | PLC-MULTIPOINT, INC OUTDOOR LIGHT SENSOR 125 FC 10 MIN TTME RESPONSE | MASO-1/2X1T | 1 | \$837.00 | 38\% | \$518.94 |
| MASO-12×2T | PLC-MULTIPOINT, INC OUTDOOR LIGHT SENSOR 125 FC 20 MIN TIME RESPONSE | MASO-1/2X2T | 1 | \$837.00 | 38\% | \$518.94 |
| MASO-1X0T | PLC-MULTIPOINT, INC OUTDOOR LIGHT SENSOR 250 FC INSTANT TIME RESPONSE | MASO-1XOT | 1 | \$837.00 | 38\% | \$518.94 |
| MASO-111T | PLC-MULTIPOINT, INC OUTDOOR LIGHT SENSOR 250 FC 10 MIN TIME RESPONSE | MASO-1X1T | 1 | \$837.00 | 38\% | \$518.94 |
| Maso-1x2T | PLC-MULTIPOINT, INC OUTDOOR LIGHT SENSOR 250 FC 20 MIN TIME RESPONSE | MASO-1X2T | 1 | \$837.00 | 38\% | \$518.94 |
| Maso-2xot | PLC-MULTIPOINT, INC OUTDOOR LIGHT SENSOR 500 FC INSTANT TIME RESPONSE | MASO-2XOT | 1 | \$837.00 | 38\% | \$518.94 |
| MASO-2x1T | PLC-MULTIPOINT, INC OUTDOOR LIGHT SENSOR 500 FC 10 MIN TIME RESPONSE | MASO-2X1T | 1 | \$837.00 | 38\% | \$518.94 |
| MASO-2<2T | PLC-MULTIPOINT, INC OUTDOOR LIGHT SENSOR 500 FC 20 MIN TIME RESPONSE | MASO-2X2T | 1 | \$837.00 | 38\% | \$518.94 |
| MASS-12XOT | PLC-MULTTPOINT, INC SKYLIGHT LIGHT SENSOR 2500 FC INSTANT TIME RESPONS | MASS-1/2X0T | 1 | \$837.00 | 38\% | \$518.94 |
| MASS-12X1T | PLC-MULTTPOINT, INC SKYLIGHT LiGHT SENSOR 2500 FC 10 MIN TIME RESPONSE | MASS-1/2X1T | 1 | \$837.00 | 38\% | \$518.94 |
| MASS-12X2T | PLC-MULTIPOINT, INC SKYLGHT LIGHT SENSOR 2500 FC 20 MIN TIME RESPONSE | MASS-1/2x2T | 1 | \$837.00 | 38\% | \$518.94 |
| MASS-1х0T | PLC-MULTIPOINT, INC SKYLIGHT LIGHT SENSOR 5000 FC INSTANT TIME RESPONS | MASS-1XOT | 1 | \$837.00 | 38\% | \$518.94 |
| MASS-111T | PLC-MULTTPOINT, INC SKYLIGHT LIGHT SENSOR 5000 FC 10 MIN TIME RESPONSE | MASS-1x1T | 1 | \$837.00 | 38\% | \$518.94 |
| MASS-1122 | PLC-MULTIPOINT, INC SKYLIGHT LIGHT SENSOR 5000 FC 20 MIN TIME RESPONSE | MASS-122T | 1 | \$837.00 | 38\% | \$518.94 |
| MASS-2x0T | PLC-MULTIPOINT, INC SKYLIGHT LIGHT SENSOR 10000 FC InStant time respon | MASS-2xot | 1 | \$837.00 | 38\% | \$518.94 |
| MASS-2x1T | PLC-MULTIPOINT, INC SKYLGHT LIGHT SENSOR 10000 FC 10 MIN TIME RESPONS | MASS-2x1T | 1 | \$837.00 | 38\% | \$518.94 |
| MASS-2X2T | PLC-MULTIPOINT, INC SKYLGHT LIGHT SENSOR 10000 FC 20 MIN TIME RESPONS | MASS-2X2T | 1 | \$837.00 | 38\% | \$518.94 |
| MK7-8-CCF-0/10 | PLC-MULTIPOINT, INC INDOOR LIGHT SENSOR 0-10 VDC | CES/[-12-0/10 | 1 | \$287.70 | 38\% | \$178.37 |
| MK7-B-CCF-0/5 | PLC-MULTIPOINT, INC INDOOR LIGHT SENSOR 0-5VDC | CES/I-12-0-5 | 1 | \$291.83 | 38\% | \$180.93 |
| MK7---CCF-1/10 | PLC-MULTIPOINT, INC INDOOR LIGHT SENSOR 1-10 VDC | CES/[-12-1-10 | 1 | \$310.00 | 38\% | \$192.20 |
| MK7-B-CCF-1/5 | PLC-MULTIPOINT, INC INDOOR LIGHT SENSOR 1-5VDC | CES/I-12-1-5 | 1 | \$297.34 | 38\% | \$184.35 |
| MK7-B-CCF-VTI | PLC-MULTIPOINT, INC INDOOR LIGHT SENSOR 4-20MA | KELE Bom | 1 | \$376.00 | 38\% | \$233.12 |
| MK7-B-CR-0/10 | PLC-MULTIPOINT, INC OUTDOOR LIGHT SENSOR, 0-10 VDC | CES/ $0-12-0 / 10$ | 1 | \$283.57 | 38\% | \$175.81 |
| MK7-B-CR-0/5 | PLC-MULTIPOINT, INC OUTDOOR LIGHT SENSOR 0-5VDC | CES/O-12-0-5 | 1 | \$287.70 | 38\% | \$178.37 |
| MK7-B-CR-1/10 | PLC-MULTIPOINT, INC OUTDOOR LIGHT SENSOR 1-10 VDC | CES/0-12-1-10 | 1 | \$297.34 | 38\% | \$184.35 |
| MK7-8-CR-1/5 | PLC-MULTIPOINT, INC OUTDOOR LIGHT SENSOR 1-5VDC | CES/0-12-1-5 | 1 | \$310.00 | 38\% | \$192.20 |
| MKT-B-CR-VTI | PLC-MULTIPOINT, INC OUTDOOR LIGHT SENSOR 4-2OMA | KELE BOM | 1 | \$360.65 | 38\% | \$223.60 |
| Mk7-B-CS-0/10 | PLC-MULTIPOINT, INC SKYLIGHT SENSOR, 0-10 VDC | CES/S-12-0/10 | 1 | \$291.83 | 38\% | \$180.93 |
| MK7-B-CS-0/5 | PLC-MULTIPOINT, INC SKYLIGHT LIGHT SENSOR 0-5VDC | CES/S-12-0-5 | 1 | \$297.34 | 38\% | \$184.35 |
| MK7-B-CS-1/10 | PLC-MULTIPOINT, INC SKYLIGHT LIGHT SENSOR 1-10 VDC | CESS $/$-12-1-10 | 1 | \$310.00 | 38\% | \$192.20 |
| MK7-B-CS-1/5 | PLC-MULTIPOINT, INC SKYLIGHT LIGHT SENSOR 1-5VDC | CES/S-12-1-5 | 1 | \$310.00 | 38\% | \$192.20 |
| MK7-8-CS-VTI | PLC-MULTIPOINT, INC SKYLIGHT LIGHT SENSOR 4-20ma | KELE BOM | 1 | \$360.65 | 38\% | \$223.60 |
| Q408-A004 | PO DESMARAIS COMPANY CUSTOM CALIBRATED ISOLATING SIGNAL CONDITIONER | Q408-A004 | 1 | \$2,108.48 | 38\% | \$1,307.26 |
| VC-1812 | POTEAU PANEL SHOP, INC. $18 \times 12 \times 9.5 \mathrm{Sin}$ CONTROL PANEL | VC-1812 | 1 | \$432.00 | 38\% | \$267.84 |
| VC-1812-BP | POTEAU PANEL SHOP, INC. $18 \times 12 \mathrm{in}$ BACK PANEL | VC-1812-BP | 1 | \$73.00 | 38\% | \$45.26 |
| VC-1812-FP | POTEAU PANEL SHOP, INC. $18 \times 12$ in FACE PANEL | VC-1812-FP | 1 | \$78.00 | 38\% | \$48.36 |
| vC-2418 | POTEAU PANEL SHOP, INC. $18 \times 24 \times 9.5 \mathrm{Sin}$ Control Cabinet | VC-2418 | 1 | \$556.00 | 38\% | \$344.72 |
| VC-2418-BP | POTEAU PANEL SHOP, INC. $24 \times 18$ in BACK PANEL | VC-2418-BP | 1 | \$107.00 | 38\% | \$66.34 |

The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Inctled] Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain pecols (e.g. BACNet, LonTalk, Modbus,列

Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
ef Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs showers, water fountains, water heaters hot water tanks, garbage disposal
General Ductwork Piping etc. shall not be obtained on these contracts
Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not:
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
B. Audio-Video equirment or systems (eg. smart boards, projectors, studio broadcasting conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' $\mathbf{l}$ location in the event of a fire or emergency.


The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Istalled] Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor ontrolled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FAPP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, etc.) to commenicate
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2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
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B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

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A. General Purpose IT, Telecommumications, Networking Cabling, Fiber Optics (e.g. phone, pbx, digital centrex, digital key systems, television, cable, T-Line, general broadband,
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commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
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|  |  |  | Warranty Period - \# of year(s) after |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | List Price | \% Discoum | Ns |
| ENG-9500-M | S\&K ELECTRONICS, INC. KWH PULSE OUTPUT W/5 AMP ADAPTER BOARD\&MODBUS | ENG-9500-M | 1 | \$1,056.00 | 38\% | \$654.72 |
| eng-950-N | S\&K ELECTRONICS, INC. KWH PULSE OUTPUT W/5 AMP ADAPTER BOARD\&N2 | ENG-9500-N | 1 | \$1,056.00 | 38\% | \$654.72 |
| eng-Cable | S\&K Electronics, inc. DATA CABLE FOR Engenius | EnG-CABLE | 1 | \$172.00 | 38\% | \$106.64 |
| enc-Cablesw | S\&K Electronics, inc. Engenius Cable and software kit | KELE KIT | 1 | \$345.00 | 38\% | \$213.90 |
| SC8N0806LP | SAGINAW CONTROL \& Engineer $8 \times 8 \times 6$ NEMA1 Enclosure | SC8N0806LP | 1 | \$135.00 | 38\% | \$83.70 |
| SCE10N1004LP | SAGINAW CONTROL \& ENGINEER 10X10X4 NEMA1 ENCLOSURE | SCE10N1004LP | 1 | \$127.00 | 38\% | \$78.74 |
| SCE10N1006LP | SAGINAW CONTROL \& ENGINEER 10X10X6 NEMA1 ENCLOSURE | SCE10N1006LP | 1 | \$164.00 | 38\% | \$101.68 |
| SCE10N10MP | SAGINAW CONTROL \& ENGINEER $10 \times 10$ SUB PANEL | SCE10N10MP | 1 | \$17.75 | 38\% | \$11.01 |
| SCE10N804LP | SAGINAW CONTROL \& ENGINEER 10X8X4 NEMA1 ENCLOSURE | SCE10N804LP | 1 | \$125.00 | 38\% | \$77.50 |
| SCE10N806LP | SAGINAW CONTROL \& ENGINEER 10X8X6 NEMA1 ENCLOSURE | SCE10N806LP | 1 | \$149.00 | 38\% | \$92.38 |
| SCE10N8MP | SAGINAW CONTROL \& ENGINEER 10X8 SUB PANEL | SCE10N8MP | 1 | \$15.06 | 38\% | \$9.34 |
| SCE110551 | SAGINAW CONTROL \& ENGINEER FAN BRACKET FOR SCECF10 | SCE110551 | 1 | \$33.95 | 38\% | \$21.05 |
| SCE111252 | SAGINAW CONTROL \& Engineer fan bracket for scecfo | SCE111252 | 1 | \$71.70 | 38\% | \$44.45 |
| SCE112399 | SAGINAW CONTROL \& Engineer fan bracket for scecfu | SCE112399 | 1 | \$60.55 | 38\% | \$37.54 |
| SCE12EL1206LP | SAGINAW CONTROL \& ENGINEER 12X12X6 ENVIroline nema 4,12,13 ENCL | SCE12EL1206LP | 1 | \$481.16 | 38\% | \$298.32 |
| SCE12N1004LP | SAGINAW CONTROL \& ENGINEER 12X10X4 4 NEMA1 ENCLOSURE | SCE12N1004LP | 1 | \$150.00 | 38\% | \$93.00 |
| SCE12N1006LP | SAGINAW CONTROL \& ENGINEER 12X10X6 NEMA1 ENCLOSURE | SCE12N1006LP | 1 | \$176.00 | 38\% | \$109.12 |
| SCE12N10MP | SAGINAW CONTROL \& ENGINEER $12 \times 10$ SUB PANEL | SCE12N10MP | 1 | \$20.38 | 38\% | \$12.64 |
| SCE12N1204LP | SAGINAW CONTROL \& ENGINEER 12X12X4 NEMA1 ENCLOSURE | SCE12N1204LP | 1 | \$164.00 | 38\% | \$101.68 |
| SCE12N1206LP | SAGINAW CONTROL \& ENGINEER $12 \times 12 \times 6$ NEMA1 ENCLOSURE | SCE12N1206LP | 1 | \$186.00 | 38\% | \$115.32 |
| SCE12N1208LP | SAGINAW CONTROL \& ENGINEER $12 \times 12 \times 8$ NEMA1 ENCLOSURE | SCE12N1208LP | 1 | \$219.00 | 38\% | \$135.78 |
| SCE12N12MP | SAGINAW CONTROL \& ENGINEER $12 \times 12$ SUB PANEL | SCE12N12MP | 1 | \$22.53 | 38\% | \$13.97 |
| SCE12R1206LP | SAGINAW CONTROL \& ENGINEER NEMA 3R $12 \times 12 \times 6$ ENCLOSURE | SCE12R1206LP | 1 | \$165.30 | 38\% | \$102.49 |
| SCE14N1204LP | SAGINAW CONTROL \& ENGINEER $14 \times 12 \times 4$ NEMA1 ENCLOSURE | SCE14N1204LP | 1 | \$189.00 | 38\% | \$117.18 |
| SCE14N1206LP | SAGINAW CONTROL \& ENGINEER $14 \times 12 \times 6$ NEMA1 ENCLOSURE | SCE14N1206LP | 1 | \$214.00 | 38\% | \$132.68 |
| SCE14N1208LP | SAGINAW CONTROL \& ENGINEER $14 \times 12 \times 8$ NEMA1 ENCLOSURE | SCE14N1208LP | 1 | \$226.00 | 38\% | \$140.12 |
| SCE14N12MP | SAGINAW CONTROL \& ENGINEER $14 \times 12$ SUB PANEL | SCE14N12MP | 1 | \$26.75 | 38\% | \$16.59 |
| SCE16EL1206LP | SAGINAW CONTROL \& ENGINEER 16X12X6 ENVIROLINE NEMA 4,12,13 ENCL | SCE16EL1206LP | 1 | \$510.20 | 38\% | \$316.32 |
| SCE16EL1208LP | SAGINAW CONTROL \& ENGINEER 16X12X8 ENVIROLINE NEMA 4,12,13 ENCL | SCE16EL1208LP | 1 | \$539.28 | 38\% | \$334.35 |
| SCE16EL1606LP | SAGINAW CONTROL \& ENGINEER 16x16X6 ENVIROLINE NEMA 4,12,13 ENCL | SCE16EL1606LP | 1 | \$552.25 | 38\% | \$342.40 |
| SCE16H1206LP | SAGINAW CONTROL \& ENGINEER 16×12X6 NEMA 4 Enclosure | SCE16H1206LP | 1 | \$454.46 | 38\% | \$281.77 |
| SCE16H12065SLP | SAGINAW CONTROL \& ENGINEER 16X12X6 NEMA 4 3 304 SS ENCL | SCE16H1206SLLP | 1 | \$1,153.31 | 38\% | \$715.05 |
| SCE16H1208LP | SAGINAW CONTROL \& ENGINEER 16x12x8 NEMA 4 ENCLOSURE | SCE16H1208LP | 1 | \$475.82 | 38\% | \$295.01 |
| SCE16H1606LP | SAGINAW CONTROL \& ENGINEER 16×16x6 NEMA 4 ENCLOSURE | SCE16H1606LP | 1 | \$486.56 | 38\% | \$301.67 |
| SCE16H1606SSLP | SAGINAW CONTROL \& ENGINEER 16X16X6 NEMA $4 \times 304$ SS ENCL | SCE16H1606SLLP | 1 | \$1,280.59 | 38\% | \$793.97 |
| SCE16N1206LP | SAGINAW CONTROL \& ENGINEER 16X12X6 NEMA1 ENCLOSURE | SCE16N1206LP | 1 | \$319.00 | 38\% | \$197.78 |
| SCE16N1208LP | SAGINAW CONTROL \& ENGINEER 16x12×8 NEMA1 ENCLOSURE | SCE16N1208LP | 1 | \$331.00 | 38\% | \$205.22 |
| SCE16N12MP | SAGİAW CONTROL \& ENGINEER $16 \times 12$ SUB PANEL | SCE16N12MP | 1 | \$27.00 | 38\% | \$16.74 |
| SCE16N1606LP | SAGINAW CONTROL \& ENGINEER 16x16x6 NEMA1 ENCLOSURE | SCE16N1606LP | 1 | \$356.00 | 38\% | \$220.72 |
| SCE16N1608LP | SAGINAW CONTROL \& ENGINEER 16x16x8 NEMA1 ENCLOSURE | SCE16N1608LP | 1 | \$369.00 | 38\% | \$228.78 |
| SCE16N16MP | SAGINAW CONTROL \& ENGINEER $16 \times 16$ SUB PANEL | SCE16N16MP | 1 | \$64.81 | 38\% | \$40.18 |
| SCE16N2006LP | SAGINAW CONTROL \& ENGINEER 16X20X6 NEMA1 ENCLOSURE | SCE16N2006LP | 1 | \$333.00 | 38\% | \$243.66 |
| SCE16R1206LP | SAGINAW CONTROL \& Engineer nema 3r 16X12X6 Enclosure | SCE16R1206LP | 1 | \$213.79 | 38\% | \$132.55 |
| SCE20EL1606LP | SAGINAW CONTROL \& ENGINEER 20X16X6 Enviroline nema 4,12,13 Encl | SCE20EL1606LP | 1 | \$590.94 | 38\% | \$366.38 |
| SCE20EL1608LP | SAGINAW CONTROL \& ENGINEER 20X16X8 ENVIROLINE NEMA 4,12,13 ENCL | SCE20EL1608LP | 1 | \$623.23 | 38\% | \$386.40 |
| SCE20EL2006LP | SAGINAW CONTROL \& ENGINEER 20X20X6 ENVIROLINE NEMA 4,12,13 ENCL | SCE20EL2006LP | 1 | \$636.14 | 38\% | \$394.41 |
| SCE20EL2008LP | SAGINAW CONTROL \& ENGINEER 20X20x8 ENVIROLINE NEMA 4,12,13 ENCL | SCE20EL2008LP | 1 | \$671.69 | 38\% | \$416.45 |
| SCE20H1606LP | SAGINAW CONTROL \& ENGINEER 20x16x6 NEMA 4 Enclosure | SCE2OH1606LP | 1 | \$523.97 | 38\% | \$324.86 |
| SCE20H1606SSLP | SAGINAW CONTROL \& ENGINEER $20 \times 16 \mathrm{X} 6$ NEMA 4 X 304 SS ENCL | SCE20H1606SLLP | 1 | \$1,407.90 | 38\% | \$872.90 |
| SCE20H1608LP | SAGINAW CONTROL \& ENGINEER 20X16x8 NEMA 4 Enclosure | SCE2OH1608LP | 1 | \$550.68 | 38\% | \$341.42 |
| SCE20H2006LP | SAGINAW CONTROL \& ENGINEER 20X20X6 NEMA 4 ENCLOSURE | SCE20H2006LP | 1 | \$561.38 | 38\% | \$348.06 |
| SCE20H2006SSLP | SAGINAW CONTROL \& ENGINEER $20 \times 20 \times 6$ NEMA $4 \times 304$ SS ENCL | SCEE2H2006SLLP | 1 | \$1,552.69 | 38\% | \$962.67 |
| SCE20H2008LP | SAGINAW CONTROL \& ENGINEER 20X20x8 NEMA 4 ENCLOSURE | SCE20H2008LP | 1 | \$593.48 | 38\% | \$367.96 |
| SCE20N1606LP | SAGINAW CONTROL \& ENGINEER 20X16X6 NEMA1 ENCLOSURE | SCE20N1606LP | 1 | \$375.00 | 38\% | \$232.50 |
| SCE20N1608LP | SAGINAW CONTROL \& ENGINEER 20x16x8 NEMA1 ENCLOSURE | SCE20N1608LP | 1 | \$410.00 | 38\% | \$254.20 |
| SCE20N16MP | SAGINAW CONTROL \& ENGINEER $20 \times 10$ SUB PANEL | SCE20N16MP | 1 | \$75.06 | 38\% | \$46.54 |
| SCE20N2006LP | SAGINAW CONTROL \& ENGINEER 20X20X6 NEMA1 ENCLOSURE | SCE20N2006LP | 1 | \$426.00 | 38\% | \$264.12 |
| SCE20N2008LP | SAGINAW CONTROL \& ENGINEER 20X20X8 NEMA1 ENCLOSURE | SCE20N2008LP | 1 | \$466.00 | 38\% | \$288.92 |
| SCE20N2010LP | SAGINAW CONTROL \& ENGINEER 20x20x10 NEMA1 ENCLOSURE | SCE20N2010LP | 1 | \$489.00 | 38\% | \$303.18 |
| SCE20N20MP | SAGINAW CONTROL \& ENGINEER $20 \times 20$ SUB PANEL | SCEE2N2OMP | 1 | \$60.52 | 38\% | \$37.52 |
| SCE20R1606LP | SAGINAW CONTROL \& Engineer nema 3r 20x16x6 Enclosure | SCE20R1606LP | 1 | \$38.05 | 38\% | \$190.99 |
| SCE24EL1608LP | SAGINAW CONTROL \& ENGINEER 24X16x8 ENVIROLINE NEMA 4,12,13 ENCL | SCE24EL1608LP | 1 | \$665.23 | 38\% | \$412.44 |
| SCE24EL2006LP | SAGINAW CONTROL \& ENGINEER 24X20X6 ENVIROLINE NEMA 4,12,13 ENCL | SCE24EL2006LP | 1 | \$684.60 | 38\% | \$424.45 |
| SCE24EL2008LP | SAGINAW CONTROL \& ENGINEER 24×20x8 ENVIROLINE NEMA 4,12,13 ENCL | SCE24EL2008LP | 1 | \$723.35 | 38\% | \$448.48 |
| SCE24EL2010LP | SAGINAW CONTROL \& ENGINEER 24×20x10 ENVIROLINE NEMA 4,12,13 ENCL | SCE24EL2010LP | 1 | \$826.72 | 38\% | \$512.57 |
| SCE24EL2406LP | SAGINAW CONTROL \& ENGINEER 24×24x6 Enviroline nema 4,12,13 ENCL | SCE24EL2406LP | 1 | \$739.52 | 38\% | \$458.50 |
| SCE24EL2408LP | SAGINAW CONTROL \& ENGINEER 24×24x8 ENVIROLINE NEMA 4,12,13 ENCL | SCE24EL2408LP | 1 | \$781.46 | 38\% | \$484.51 |
| SCE24H1608SLLP | SAGINAW CONTROL \& Engineer $24 \times 16 \times 88$ NEMA 4 X 304 SS ENCL | SCE24H1608SLLP | 1 | \$1,640.08 | 38\% | \$1,016.85 |
| SCE24H2006LP | SAGINAW CONTROL \& ENGINEER 24×20x6 NEMA 4 ENCLOSURE | SCE24H2006LP | 1 | \$604.18 | 38\% | \$374.59 |
| SCE24H2006SLLP | SAGINAW CONTROL \& ENGINEER $24 \times 20 \times 6$ NEMA $4 \times 304$ SS ENCL | SCE24H2006SLLP | 1 | \$1,699.98 | 38\% | \$1,053.99 |
| SCE24H2008LP | SAGINAW CONTROL \& ENGINEER 24x20x8 NEMA 4 Enclosure | SCE24H2008LP | 1 | \$641.59 | 38\% | \$397.79 |
| SCE24H2008SLLP | SAGINAW CONTROL \& ENGINEER 24X20x8 NEMA $4 \times 304$ SS ENCL | SCE24H2008SLP | 1 | \$1,822.32 | 38\% | \$1,129.84 |
| SCE24H2406LP | SAGINAW CONTROL \& ENGINEER 24x24x6 NEMA 4 Enclosure | SCE24H2406LP | 1 | \$652.25 | 38\% | \$404.40 |
| SCE24H2408LP | SAGINAW CONTROL \& ENGINEER $24 \times 24 \times 8$ NEMA 4 Enclosure | SCE24H2408LP | 1 | \$689.70 | 38\% | \$427.61 |
| SCE24H2408SLLP | SAGINAW CONTROL \& ENGINEER $24 \times 24 \times 8$ NEMA $4 \times 304$ SS ENCL | SCE24H2408SLLP | 1 | \$2,004.51 | 38\% | \$1,242.80 |
| SCE24N1606LP | SAGINAW CONTROL \& ENGINEER 24×16x6 NEMA1 ENCLOSURE | SCE24N1606LP | 1 | \$408.00 | 38\% | \$252.96 |
| SCE24N16MP | SAGINAW CONTROL \& ENGINEER $24 \times 16$ SUB PANEL | SCE24N16MP | 1 | \$77.25 | 38\% | \$47.90 |
| SCE24N2006LP | SAGINAW CONTROL \& ENGINEER 24X20X6 NEMA1 ENCLOSURE | SCE24N2006LP | 1 | \$471.00 | 38\% | \$292.02 |
| SCE24N2008LP | SAGINAW CONTROL \& ENGINEER 24X20X8 NEMA1 ENCLOSURE | SCE24N2008LP | 1 | \$515.00 | 38\% | \$319.30 |
| SCE24N2010LP | SAGINAW CONTROL \& ENGINEER 24×20x10 NEMA1 ENCLOSURE | SCE24N2010LP | 1 | \$555.35 | 38\% | \$344.32 |
| SCE24N20MP | SAGINAW CONTROL \& ENGINEER $24 \times 20$ SUB PANEL | SCE24N20MP | 1 | \$106.88 | 38\% | \$66.27 |
| SCE24N2406LP | SAGINAW CONTROL \& ENGINEER $24 \times 24 \times 6$ NEMA1 ENCLOSURE | SCE24N2406LP | 1 | \$461.00 | 38\% | \$285.82 |
| SCE24N2408LP | SAGINAW CONTROL \& ENGINEER 24×24×8 NEMA1 ENCLOSURE | SCE24N2408LP | 1 | \$508.00 | 38\% | \$314.96 |
| SCE24N2412LP | SAGINAW CONTROL \& ENGINEER $24 \times 24 \times 12$ NEMA1 ENCLOSURE | SCE24N2412LP | 1 | \$622.00 | 38\% | \$385.64 |
| SCE24N24MP | SAGINAW CONTROL \& ENGINEER $24 \times 24$ SUB PANEL | SCE24N24MP | 1 | \$124.75 | 38\% | \$77.35 |
| SCE24N24MPP | SAGINAW CONTROL \& Engineer $22 \times 22$ PERF Panel | SCE24N24MPP | 1 | \$147.43 | 38\% | \$91.41 |
| SCE24R2008LP | SAGINAW CONTROL \& Engineer bema 3r 24x20x8 Enclosure | SCE24R2008LP | 1 | \$436.78 | 38\% | \$270.80 |
| SCE2VVR2412 | SAGINAW CONTROL \& ENGINEER NEMA 3R ENCL W/ FAN 29X24x12 | SCE29VR2412 | 1 | \$1,731.14 | 38\% | \$1,073.31 |
| SCE30EL2408LP | SAGINAW CONTROL \& ENGINEER 30X24x8 Enviroline nema 4,12,13 ENCL | SCE30EL2408LP | 1 | \$865.46 | 38\% | \$536.59 |
| SCE30H2406LP | SAGINAW CONTROL \& ENGINEER 30X24X6 NEMA 4 ENCLOSURE | SCE30H2406LP | 1 | \$721.80 | 38\% | \$447.52 |
| SCE30H2408LP | SAGINAW CONTROL \& ENGINEER 30X2488 NEMA 4 ENCLOSURE | SCE30H2408LP | 1 | \$764.56 | 38\% | \$474.03 |
| SCE30H2408SLLP | SAGINAW CONTROL \& ENGINEER 30X24x8 NEMA 4 X 304 SS ENCL | SCE30H2408SLLP | 1 | \$2,276.61 | 38\% | \$1,411.50 |
| SCE30H3008LP | SAGINAW CONTROL \& ENGINEER 30X30X8 NEMA 4 ENCLOSURE | SCE30H3008LP | 1 | \$855.42 | 38\% | \$530.36 |
| SCE30H3008SLLP | SAGINAW CONTROL \& ENGINEER 30X30x8 NEMA 4 X 304 SS ENCL | SCE30H3008SLP | 1 | \$2,601.13 | 38\% | \$1,612.70 |
| SCE30N2406LP | SAGINAW CONTROL \& ENGINEER 30X24x6 NEMA1 ENCLOSURE | SCE30N2406LP | 1 | \$513.00 | 38\% | \$318.06 |
| SCE30N2408LP | SAGINAW CONTROL \& ENGINEER 30X24x8 NEMA1 ENCLOSURE | SCE30N2408LP | 1 | \$590.00 | 38\% | \$365.80 |
| SCE30N2412LP | SAGINAW CONTROL \& ENGINEER 30X24×12 NEMA1 ENCLOSURE | SCE30N2412LP | 1 | \$694.00 | 38\% | \$430.28 |
| SCE30N24MP | SAGINAW CONTROL \& ENGINEER $30 \times 24$ SUB PANEL | SCE30N24MP | 1 | \$148.00 | 38\% | \$91.76 |
| SCE30N3008LP | SAGINAW CONTROL \& ENGINEER 30X30X8 NEMA1 ENCLOSURE | SCE30N3008LP | 1 | \$643.00 | 38\% | \$398.66 |
| SCE30N3OMP | SAGINAW CONTROL \& ENGINEER $30 \times 30$ SUB PANEL | SCE30N30MP | 1 | \$195.99 | 38\% | \$121.51 |
| SCE30R2408LP | Saginaw Control \& engineer nema 3r 30x24x8 Enclosure | SCE30R2408LP | 1 | \$940.33 | 38\% | \$583.00 |
| SCE35VR2412 | SAGINAW CONTROL \& ENGINEER NEMA 3R ENCL W/ FAN 35x24x12 | SCE35VR2412 | 1 | \$1,936.69 | 38\% | \$1,200.75 |
| SCE36EL2408LP | SAGINAW CONTROL \& ENGINEER 36x24X8 ENNIROLINE NEMA 4,12,13 ENCL | SCE36EL2408LP | 1 | \$952.61 | 38\% | \$590.62 |
| SCE36EL2412LP | SAGINAW CONTROL \& ENGINEER 36x24x12 ENVIROLINE NEMA 4,12,13 ENCL | SCE36EL2412LP | 1 | \$1,062.39 | 38\% | \$658.68 |
| SCE36EL3008LP | SAGINAW CONTROL \& ENGINEER 36×30x8 ENVIROLINE NEMA 4,12,13 ENCL | SCE36EL3008LP | 1 | \$1,072.10 | 38\% | \$664.70 |

The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted Inctledl Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, Fi larm Interface Pa platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs owers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [InC Equipment. Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (HA), and/or other similar device, which utilize certan Rocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installaion, systems integration, or mainten

The scope of this contract does not include:

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units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
B. Audio-Video equirment or systems (e.g. smart boards, projectors, studio broadcasting conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To comunicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| Number | Wantracturer $\quad$ Proctuct Descripition | Product Code | Warranty Period - \# of year(s) after |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | $\begin{aligned} & \text { s required b) } \\ & \text { Clause } 54^{\text {¹}} \end{aligned}$ | List Price | \% Discoum | Nvs Nel Price |
| MF41-6153 | SCHNEIDER ELECTRIC BUILDING: NSR fLOAtING 133 In-LB 24 VAC | MF41-6153 | 1 | \$288.00 | 38\% | \$174.84 |
| MF41-6343 | SCHNEIDER ELECTRIC BULILING: FLOATING, NSR, 300 IN-LB, 24 VAC ACT | MF41-6343 | 1 | \$917.00 | 38\% | \$568.54 |
| MF41-7073 | SCHNEIDER ELLCTRIC BUILILING: SR 60 IN-LB (7 NM) TRI-STATE CTRL 24 VAC | MF41-7073 | 1 | \$400.00 | 38\% | \$248.00 |
| MF41-7153 | SCHNeider ellectric building floating, sR, 133 In-LB, 24 VAC/vDC ACT | MF41-7153 | 1 | \$536.00 | 38\% | \$332.32 |
| MF4E-60430-100 | SCHNEIDER ELECTRIC BuILDING: 35 in-lb, NSR, Floating, Econo | MF4E-60430-100 | 1 | \$160.00 | 38\% | \$99.20 |
| MF4E-60830-100 | SCHNEIDER ELECTRIC BuILDING: 70 in-lb, NSR, Floating, Econo | MF4E-60830-100 | 1 | \$217.00 | 38\% | \$134.54 |
| MK-4411 | SCHNEIDER ELECTRIC BuILILING: ACT, PROP, 5-10 PSII, 7.9 LB.IN, DAMPER | MK-4411 | 1 | \$225.00 | 38\% | \$139.50 |
| MP-2113-500 | SCHNeider electric building: damper actuator 24V fl/mod | MP-2113-500 | 1 | \$937.00 | 38\% | \$580.94 |
| MP-361 | SCHNEIDER ELECTRIC BuILDING: DPR ACT 24 V CW SPRING Return | MP-361 | 1 | \$1,554.00 | 38\% | \$963.48 |
| MP-371 | SCHNEIDER ELECTRIC BuILDing: Act 24V CCW SR 50LB/IN | MP-371 | 1 | \$1,402.00 | 38\% | \$869.24 |
| MP-381 | SCHNEIDER ELECTRIC BuILDING: ELEC PROP ACT 24 V 220 LB-IN | MP-381 | 1 | \$1,283.00 | 38\% | \$795.46 |
| MP-461-600 | SCHNEIDER ELECTRIC BuILDING: ACTUATOR 120 V CW SR 50LB | MP-461-600 | 1 | \$2,130.00 | 38\% | \$1,320.60 |
| MP-465 | SCHNEIDER ELECTRIC BUILDING: ACT 120 CW SR W/TRANS. | MP-465 | 1 | \$1,564.00 | 38\% | \$969.68 |
| MP-471-600 | SCHNEIDER ELECTRIC BUILDING: ELECTRIC ACTUATOR W/CP-8301 | MP-471-600 | 1 | \$2,095.00 | 38\% | \$1,298.90 |
| MP-475 | SCHNEIDER ELECTRIC BuILDING: ACT 120V CCW SR W/Trans. | MP-475 | 1 | \$1,564.00 | 38\% | \$969.68 |
| MP-481 | SCHNEIDER ELECTRIC BUILIING: 120 V PROP ACTUATOR | MP-481 | 1 | \$1,349.00 | 38\% | \$836.38 |
| MP-481-600 | SCHNEIDER ELECTRIC BUILDING: ELECTRIC ACTUATOR W/CP-8301 | MP-481-600 | 1 | \$1,871.00 | 38\% | \$1,160.02 |
| MP-485 | SCHNEIDER ELECTRIC BUILDING: ELEC PROP ACT 120 V 220 LB in | MP-485 | 1 | \$1,349.00 | 38\% | \$836.38 |
| MP-9713 | SCHNEIDER ELECTRIC BuILIING: mp-9713 ACTUATOR | MP-9713 | 1 | \$5,969.00 | 38\% | \$3,700.78 |
| MP-9750 | SCHNEIDER ELECTRIC BuILDING: 800 LB.IN. 120 VAC Actuator | MP-9750 | 1 | \$5,800.00 | 38\% | \$3,596.00 |
| MP-9810 | SCHNEIDER ELECTRIC BUILDING: ELECTRIC HiGH Torque Actuator | MP-9810 | 1 | \$7,052.00 | 38\% | \$4,372.24 |
| MS40-6083 | SCHNEIDER ELECTRIC BuILDING: NSR 0-10VDC 7oin-lb 24vac | MS41-6083 | 1 | \$337.00 | 38\% | \$208.94 |
| MS40-7043 | SCHNEIDER ELECTRIC BUILDING: SR 2-10V 4-20MA 35IN-LB 24VAC | MS40-7043 | 1 | \$455.00 | 38\% | \$288.10 |
| MS40-7073 | SCHNEIDER ELECTRIC BUILDING: SR 2-10V 4-20MA 60iN-LB 24VAC | MS40-7073 | 1 | \$473.00 | 38\% | \$293.26 |
| MS40-7170 | SCHNEIDER ELECTRIC BuILIING: SR 2-10V 4-20MA 150iN-LB 120VA, NemA 4 | MS40-7170 | 1 | \$1,307.00 | 38\% | \$810.34 |
| MS40-7173 | SCHNEIDER ELECTRIC BuILding ${ }^{\text {SR } 2-10 V} 4$-20MA 150in-Lb 24VAC, NEMA 4 | MS40-7173 | 1 | \$1,209.00 | 38\% | \$749.58 |
| MS41-6043 | SCHNEIDER ELECTRIC BuILDING: NSR 1-20VDC 3IIN-LB 24VAC | MS41-6043 | 1 | \$268.00 | 38\% | \$166.16 |
| M $411-6083$ | SCHNEIDER ELECTRIC BUILDING: ACTUATOR | MS41-6083 | 1 | \$337.00 | 38\% | \$208.94 |
| MS41-6153 | SCHNEIDER ELECTRIC BuILDING؛ PROP. 4-20 MA, NSR, 133 IN-LB, 24 VAC ACT | MS41-6153 | 1 | \$423.00 | 38\% | \$262.26 |
| MS41-6340 | SCHNEIDER ELLCTRIC BuILDING: NSR 300 IN-LB ( 34 NM) PROP CTRL 120VAC | MS41-6340 | 1 | \$1,323.00 | 38\% | \$820.26 |
| MS41-6343 | SCHNEIDER ELECTRIC BUILDING PROP. 4-20 MA, NSR, 300 IN-LB, 24 VAC ACT | MS41-6343 | 1 | \$1,030.00 | 38\% | \$638.60 |
| MS41-7073 | SCHNEIDER ELECTRIC BuILDING: SR 60 IN-Lb (7 NM) PROP CTRL 24VAC | MS41-7073 | 1 | \$495.00 | 38\% | \$306.90 |
| MS41-7153 | SCHNEIDER ELECTRIC BuILDING: SR 2-10V 4-20MA 133IN-LB 24VAC | MS41-7153 | 1 | \$612.00 | 38\% | \$379.44 |
| 30-118-A | SCHNEIDER ELECTRIC BuILDING: REPL MOTOR SR 24 V - ALL SERIES | 30-118-A | 1 | \$84.00 | 38\% | \$52.08 |
| 30-118-B | SCHNEIDER ELECTRIC BUILİING: REPLACEMENT MOTOR 110/120 VAC $50 / 60 \mathrm{~Hz}$ | 30-118-B | 1 | \$84.00 | 38\% | \$52.08 |
| 30-158-A | SCHNEIDER ELECTRIC BuILDING: ERIE AG/AH REPL MTR 24 Vac | 30-158-A | 1 | \$87.00 | 38\% | \$53.94 |
| 30-15-B | SCHNEIDER ELECTRIC BUILDING: ERIE AG/AH REPL MTR $110 / 120 \mathrm{VAC}$ | 30-158-B | 1 | \$87.00 | 38\% | \$53.94 |
| 30-158-D | SCHNEIDER ELECTTIC BUILDING: ERIE AG/AH REPL MTR 208 Vac | 30-158-D | 1 | \$99.00 | 38\% | \$61.38 |
| 30-158-T | SCHNEIDER ELECTRIC BUILDING: ERIE AG/AH REPL MTR 277 Vac | 30-158-T | 1 | \$99.00 | 38\% | \$61.38 |
| 436-252 | SCHNEIDER ELECTRIC Building $3 / 44$ FLARE TO SWEAT Union | 436-252 | 1 | \$15.00 | 38\% | \$9.30 |
| 630-240-1 | SCHneider electric building: Erie inverted valve repair kit | 630-240-1 | 1 | \$57.00 | 38\% | \$35.34 |
| 630-266-1 | SCHNEIDER ELECTRIC BUILDING: 630-266-1 ERIE REPAIR KIT | 630-266-1 | 1 | \$149.00 | 38\% | \$92.38 |
| 645-213 | SCHNEIDER ELECTRIC BuILIING: 645-213 ACTUATOR inMin VLV ERIE | 645-213 | 1 | \$204.60 | 38\% | \$126.85 |
| 680-243-6 | SCHNEIDER ELECTRIC BUILDING: STRAP-ON CHANGEOVER SWITCH | 680-243-6 | 1 | \$84.00 | 38\% | \$52.08 |
| AG13A000 | SCHNeIDER ELECTRIC BuILDING: POP TOP 2POS SR NC ON/OFF 24V ACTUATOR | AG13A000 | 1 | \$109.00 | 38\% | \$67.58 |
| AG13A01A | SCHNEIDER ELECTRIC BuILDING: 2POS NC SR 24V Terminals | AG13A01A | 1 | \$116.00 | 38\% | \$71.92 |
| AG13A020 | SCHNEIDER ELECTRIC Building 2POS NC 24VAC POP TOP ACtuator | AG13A020 | 1 | \$109.00 | 38\% | \$67.58 |
| AG13A02A | SCHNEIDER ELECTRIC BUILDING! 2POS NC SR 24 V 18 Bin LEADS | AG13A02A | 1 | \$116.00 | 38\% | \$71.92 |
| AG13B020 | SCHNEIDER ELECTRIC BUILDING: 2POS NC 120VAC POPTOP ACTUATOR | AG138020 | 1 | \$109.00 | 38\% | \$67.58 |
| AG13D020 | SCHNEIDER ELECTRIC BUILDING: 2POS, nc, 208 ACC , 18 In LEADS POPTOP ACT | AG13D020 | 1 | \$118.00 | 38\% | \$73.16 |
| AG13D02A | SCHNEIDER ELECTRIC BuILDING: 2POS, NC, 208VAC, 18 In LEADS, END SW, POPTOP | AG13D02A | 1 | \$132.00 | 38\% | \$81.84 |
| AG13T020 | SCHNEIDER ELECTRIC BuILDING؛ 2POS, NC, 277VAC, 18 In LEADS, POPTOP ACT | AG13T020 | 1 | \$118.00 | 38\% | \$73.16 |
| AG13T02A | SCHNEIDER ELECTRIC BuILDING: 2POS, NC, 277VAC, 18 In LEADS, END SW, POPTOP | AG13T02A | 1 | \$132.00 | 38\% | \$81.84 |
| AG13U020 | SCHNEIDER ELECTRIC BuILDING: 2POS, NC, 230/220VAC, 18 In LEADS, POPTOP ACT | AG13U020 | 1 | \$118.00 | 38\% | \$73.16 |
| AG13U02A | SCHNEIDER ELECTRIC BuILDING: 2POS, NC, 230/220vac, 18 In LeAds, End Sw | AG13U02A | 1 | \$132.00 | 38\% | \$81.84 |
| AG14A020 | SCHNEIDER ELECTRIC BuILİING: On/OFF 24 V NC HIGH TEMPERATURE | AG14A020 | 1 | \$127.00 | 38\% | \$78.74 |
| AG14A02A | SCHNEIDER ELECTRIC BuILDING: 2POS, nc, 24 VaC , HI TEMP, 18 In LeAds, end sw | AG14A02A | 1 | \$139.00 | 38\% | \$86.18 |
| AG14B020 | SCHNEIDER ELECTRIC BUILDING! 2POS NS SR STEAM 18in LEADS | AG14B020 | 1 | \$127.00 | 38\% | \$78.74 |
| AG14B02A | SCHNEIDER ELECTRIC BuILding: 2POS, NC, 120VaC, Hi Temp, 18 In LEADS, END SW | AG14B02A | 1 | \$139.00 | 38\% | \$86.18 |
| AG14D020 | SCHNEIDER ELECTRIC BUILDING 2 -POS 208V NC HIGH TEMP | AG14D020 | 1 | \$141.00 | 38\% | \$87.42 |
| AG14D02A | SCHNEIDER ELECTRIC BuILDING: 2POS, NC, 208VAC, HI TEMP, 18 In LEADS, END SW | AG14D02A | 1 | \$148.00 | 38\% | \$91.76 |
| AG14T020 | SCHNEIDER ELECTRIC BUILDING: 2POS, NC, 277VAC, HI TEMP, 18 In LEADS, POPTOP | AG14T020 | 1 | \$141.00 | 38\% | \$87.42 |
| AG14U020 | SCHNEIDER ELECTRIC BuILDING: 2POS, NC, 230/220VAC, Hi TEMP, 18 In LEADS | AG14U020 | 1 | \$141.00 | 38\% | \$87.42 |
| AG14U02A | SCHNEIDER ELECTRIC BUILDING؛ 2POS, NC, 230/220VaC, HI TEMP, 18 In, end SW | AG14U02A | 1 | \$148.00 | 38\% | \$91.76 |
| Ag23a000 | SCHNEIDER ELECTRIC BuILIING؛ 2POS NO 24VaC POP TOP ACTUATOR NO LEADS | Ag23a000 | 1 | \$117.00 | 38\% | \$72.54 |
| Ag23A020 | SCHNEIDER ELECTRIC BUILDING: 2POS NO 24VAC POP TOP ACTUATOR | Ag23A020 | 1 | \$117.00 | 38\% | \$72.54 |
| AG23A02A | SCHNEIDER ELECTRIC BuILDING: 2W 2POS NO 24V 18in Leads | Ag23A02A | 1 | \$130.00 | 38\% | \$80.60 |
| AG23B020 | SCHNEIDER ELECTRIC BuILDING: 2POS NO SR 120 V 18 lin LEADS | AG23B020 | 1 | \$117.00 | 38\% | \$72.54 |
| AG23B02A | SCHNEIDER ELECTRIC BuILDING: 2POS, No, 120VAC, 18 In LEADS, End SW, POPTOP | AG23B02A | 1 | \$126.00 | 38\% | \$78.12 |
| AG23T020 | SCHNEIDER ELECTRIC BuILDING: 2POS, No, $277 \mathrm{VVAC}, 18$ In LLAAD, POPTOP ACT | AG23T020 | 1 | \$141.00 | 38\% | \$87.42 |
| AG23T02A | SCHNEIDER ELECTRIC BuILDING: 2POS, No, 27VVAC, 18 In LEADS, END SW, POPTOP | AG23T02A | 1 | \$147.00 | 38\% | \$91.14 |
| AG23U020 | SCHNEIDER ELECTRIC BUILDING: 2POS, No, 230/220VAC, 18 In LEADS, POPTOP ACT | AG23U020 | 1 | \$133.00 | 38\% | \$82.46 |
| AG23U02A | SCHNEIDER ELECTRIC BuILDING: 2POS, No, 230/220VAC, 18 In Leads, end sw | AG23U02A | 1 | \$142.00 | 38\% | \$88.04 |
| Ag24A020 | SCHNEIDER ELECTRIC BuILDING: 2POS NO 24V STEAM 18in LEADS | Ag24A020 | 1 | \$140.00 | 38\% | \$86.80 |
| Ag24A02A | SCHNEIDER ELECTRIC Building: 2Pos, no, 24VAC, HI TEMP, 18 In LeAds, end sw | Ag24A02A | 1 | \$148.00 | 38\% | \$91.76 |
| AG248020 | SCHNEIDER ELECTRIC BUILDING؛ 2 W 120 V No STEAM 18 in LEADS | AG248020 | 1 | \$140.00 | 38\% | \$86.80 |
| AG24B02A | SCHNEIDER ELECTRIC Building 2 PPos, No, 120VAC, HI TEMP, 18 In LEADS, End sw | AG24B02A | 1 | \$148.00 | 38\% | \$91.76 |
| AG24D020 | SCHNEIDER ELECTRIC BuILDING: 2POS, No , 208VAC, HI TEMP, 18 In Leads Poptop | AG24D020 | 1 | \$149.00 | 38\% | \$92.38 |
| AG24DO2A | SCHNEIDER ELLCTRIC BuILDING: 2POS, NO, 208VAC, HI TEMP, 18 In LEADS, END SW | AG24DO2A | 1 | \$160.00 | 38\% | \$99.20 |
| AG24T020 | SCHNEIDER ELECTRIC BuILDING: 2POS, NO, 277VAC, HI TEMP, 18 In Leads Poptop | Ag24TO20 | 1 | \$149.00 | 38\% | \$92.38 |
| AG24U020 | SCHNEIDER ELECTRIC BuILDING: 2POS, No, 230/220vac, Hi temp, 18 In LEADS | AG24U020 | 1 | \$149.00 | 38\% | \$92.38 |
| AH13A020 | SCHNeIDER ELECTRIC BuILDING: HCA 2-WAY NC 24 V 18 In. LEADS | AH13A020 | 1 | \$133.00 | 38\% | \$82.46 |
| AH13A02A | SCHNEIDER ELECTRIC BuILDING: HCO 2 W 24 V 18 inLEADS End SWITCH | AH13A02A | 1 | \$142.00 | 38\% | \$88.04 |
| AH13B020 | SCHNEIDER ELECTRIC BuILIING: HCO 2 W NC 120V 18iLLEADS | AH13B020 | 1 | \$133.00 | 38\% | \$82.46 |
| AH13802A | SCHNEIDER ELECTRIC BuILding: 2POS, hi Perf, nc, 120 VAC , 18 in leads, end sw | AH13802A | 1 | \$142.00 | 38\% | \$88.04 |
| AH13DO20 | SCHNEIDER ELECTRIC BUILDING: Erie Actuator | AH13DO20 | 1 | \$175.00 | 38\% | \$108.50 |
| AH13U020 | SCHNEIDER ELECTRIC BuILDING؛ 2POS, HI PERF, NC, 230/220VAC, 18 In LEADS | AH13U020 | 1 | \$144.00 | 38\% | \$89.28 |
| AH13U02A | SCHNeIDER ELECTRIC Building: 2POS, HI PERF, NC, 230/220VAC, 18 In LEADS, ES | AH13U02A | 1 | \$152.00 | 38\% | \$94.24 |
| AH14A020 | SCHNEIDER ELECTRIC Building: HCO 2 W 24 V STEAM 18 in Leads | AH14A020 | 1 | \$150.00 | 38\% | \$93.00 |
| AH14A02A | SCHNEIDER ELECTRIC BuILDING: 2P, HI PERF, NC, HI TEMP, 24VAC, 18 In LEADS, ES | AH14A02A | 1 | \$160.00 | 38\% | \$99.20 |
| AH148020 | SCHNEIDER ELECTRIC BuILDING: HCO 2 W 120 V NC STEAM 18 in LEADS | AH148020 | 1 | \$150.00 | 38\% | \$93.00 |
| AH14802A | SCHNEIDER ELECTRIC BUILDING: 2P, HI PERF, NC, Hi temp, $120 \mathrm{VAC}, 18$ IN LEADS, ES | AH14802A | 1 | \$160.00 | 38\% | \$99.20 |
| AH14D020 | SCHNEIDER ELLCCTRIC BuILDING: 2POS, HI Perf, nc, HI TEMP, 208VAC, 18 In Leads | AH14DO20 | 1 | \$162.00 | 38\% | \$100.44 |
| AH14D02A | SCHNEIDER ELECTRIC BUILIING؛ 2P, HI PERF, NC, Hi TEMP, 208 VVAC , 18 In LEADS, ES | AH14DO2A | 1 | \$173.00 | 38\% | \$107.26 |
| AH14TO2O | SCHNEIDER ELECTRIC Building: 2POS, Hi Perf, nc, Hi temp, 277vac, 18 In Leads | AH14TO2O | 1 | \$162.00 | 38\% | \$100.44 |
| AH14U020 | SCHNEIDER ELECTRIC Building؛ 2P, Hi PERF, NC, Hi TEMP, 230/220vac, 18 In LeAdS | AH14U020 | 1 | \$162.00 | 38\% | \$100.44 |
| AH23A020 | SCHNEIDER ELECTRIC BUILING: HCO 2 W NO 24V 18in LEADS | AH23A020 | 1 | \$143.00 | 38\% | \$88.66 |
| AH23A02A | SCHNEIDER ELECTRIC BuILDING: HCO 2W No 24V 18inLEADS END SWT | AH23A02A | 1 | \$151.00 | 38\% | \$93.62 |
| AH23B020 | SCHNEIDER ELECTRIC BuILDING: HCO 2 W No 120V 18 in LEADS | AH238020 | 1 | \$143.00 | 38\% | \$88.66 |
| АН23802A | SCHNEIDER ELECTRIC BuILDING: 2POS, HI PERF, NO, 120VAC, 18 In LEADS, End Sw | AH23802A | 1 | \$151.00 | 38\% | \$93.62 |
| AH23D020 | SCHNeIDER ELECTRIC BuILDING؛ 2POS, HI PERF, No, 208VAC, 18 IN LEADS | AH23DO20 | 1 | \$153.00 | 38\% | \$94.86 |
| AH23T020 | SCHNeider electric building 2 2POS, hi perf, No, 277VAC, 18 In Leads | AH23T020 | 1 | \$159.00 | 38\% | \$98.58 |
| AH23U02A | SCHNEIDER ELECTRIC BuILDING: 2POS, HI PERF, No, 230/220vaC, 18 In Leads, es | AH23U02A | 1 | \$165.00 | 38\% | \$102.30 |
| AH24A02A | SCHNEIDER ELECTRIC BuILding: 2P, HI PERF, NO, Hi Temp, 24VAC, 18 in Leads, es | AH24A02A | 1 | \$171.00 | 38\% | \$106.02 |
| AH24B020 | SCHNEIDER ELECTRIC BUILDING: HCO 2W NO 120V STEAM 18in LEADS | AH24B02O | 1 | \$161.00 | 38\% | \$99.82 |

The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted Inctledl Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, Fire llarm Interface Panel (1), and/or other similar device, which utilize certain procols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or mainten

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtub howers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
B. Audio-Video equent or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. . BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated
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2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted Inctedl Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pane (MA), and/or other similar device, which utilize certani hocols (e.g. BACNe, LonTalk, Modbus, platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems inegration, or mainten

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B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

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. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance: and
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c) As part of the and in conjunction with the contractor providing the aforement.

The scope of this contract does not include:

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B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

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B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
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B. To identify an individual(s)' location in the event of a fire or emergency.


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1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
. Itegrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mout HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface P c.) to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated

Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenance of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
General Ductwork, Piping etc shall not be obtained on these contract
Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
A. Audio-Video equirment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
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products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cctv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, F platforms/systems.
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1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtub owers, water fountains, water heaters hot water tanks, garbage disposal
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B. Audio-Video equirment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

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2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted Inctalledl Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs owers, water fountains, water heaters hot water tanks, garbage disposal
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A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
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commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certaik ander Sy stem or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated

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A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. . BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated
Microprocessor-Controled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems. Eicroprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Itegrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc, which are Factory-Mount HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, Fi A arm Interface Pan解

Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance: and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
B. Audio-Video equi, or or systems (e.g. smart boards, projectors, studio broadcasting conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Istled] Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjuncion whe contractor providing the aforementioned installaion, systems integration, or maintenatce of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs owers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not imited to
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely us
B. To identify an individual(s)' 'location in the event of a fire or emergency.


The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTakk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Inctedl Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain pro platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintena e of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs owers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber opic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not imited to
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms video video conferencing equipment, Theatre Screens Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely u
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

|  |  |  |  | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54 " | Lsit Price | \% Discount | Nvs Nel Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A2-0-0-1-7 | SENSOCON, INC. | DISPLAY, 0.50\%, 8.0IN ( 2.0 KPA ), W/ARCH | A2-0-0-1-07 | 1 | \$492.00 | 38\% | \$305.04 |
| A2-0-0-1-8 | SENSOCON, INC. | DISPLAY, $0.50 \%$, 10.OIN ( 2.5 KPA ), W/ARCH | A2-0-0-1-08 | 1 | \$492.00 | 38\% | \$305.04 |
| A2-0-0-1-9 | sensocon, inc. | DISPLAY, 0.50\%, 15.0IN ( 3.75 KPA), W/ARCH | A2-0-0-1-09 | 1 | \$492.00 | 38\% | \$305.04 |
| A2-0-0-2-0 | sensocon, inc. | DISPLAY, $0.25 \%, 0.25 \mathrm{IN}$ ( 60 PA), W/ARCH | A2-O-0-2-00 | 1 | \$706.00 | 38\% | \$437.72 |
| A2-0-0-2-1 | sensocon, inc. | DISPLAY, 0.25\%, $0.50 \mathrm{IN}(125 \mathrm{PA})$, W/ARCH | A2-O-0-2-01 | 1 | \$643.00 | 38\% | \$398.66 |
| A2-0-0-2-10 | SENSOCON, INC. | DISPLAY, $0.25 \%$, 20.0IN ( 5.0 KPA ), W/ARCH | A2-0-0-2-10 | 1 | \$643.00 | 38\% | \$398.66 |
| A2-0-0-2-11 | SENSOCON, INC. | DISPLAY, $0.25 \%$, 30.0 IN ( 7.5 KPA ), W/ARCH | A2-0-0-2-11 | 1 | \$643.00 | 38\% | \$398.66 |
| A2-0-0-2-2-12 | sensocon, inc. | DISPLAY, $0.25 \%$, 40.0 IN ( 10 KPA ), W/ARCH | A2-0-0-2-12 | 1 | \$643.00 | 38\% | \$398.66 |
| A $2-0 \cdot 0-2-213$ | sensocon, inc. | DISPLAY, $0.25 \%$, $50.0 \mathrm{OIN}(12.5 \mathrm{KPA}$ ), W/ARCH | A2-0-0-2-13 | 1 | \$643.00 | 38\% | \$398.66 |
| A $2-0-0-2-2$ | sensocon, inc. | DISPLAY, $0.25 \%, 1.0$ IN ( 250 PA ), W/ARCH | A2-O-0-2-02 | 1 | \$643.00 | 38\% | \$398.66 |
| A2-0-0-2-3 | sensocon, inc. | DISPLAY, $0.25 \%, 2.0$ IN ( 500 PA), W/ARCH | A2-0-0-2-03 | 1 | \$643.00 | 38\% | \$398.66 |
| A2-0-0-0-4 | sensocon, inc. | DISPLAY, $0.25 \%, 3.0 \mathrm{IN}$ ( 750 PA ), W/ARCH | A2-0-0-2-04 | 1 | \$643.00 | 38\% | \$398.66 |
| A2-0-0-0-5 | sensocon, inc. | DISPLAY, 0.25\%, 4.0IN ( 1.0 KPA ), W/ARCH | A2-0-0-2-05 | 1 | \$643.00 | 38\% | \$398.66 |
| A2-0-0-0-6 | sensocon, inc. | DISPLAY, $0.25 \%$, 5.OIN ( 1.25 KPA ), W/ARCH | A2-O-0-2-06 | 1 | \$643.00 | 38\% | \$398.66 |
| A2-0-0-2-7 | sensocon, inc. | DISPLAY, $0.25 \%$, 8.0IN ( 2.0 KPA ), W/ARCH | A2-0-0-2-07 | 1 | \$643.00 | 38\% | \$398.66 |
| A2-0-0-0-8 | sensocon, inc. | DISPLAY, $0.25 \%$, 10.0IN ( 2.5 KPA ), W/ARCH | A2-0-0-2-08 | 1 | \$643.00 | 38\% | \$398.66 |
| A2-0-0-2-9 | sensocon, inc. | DISPLAY, 0.25\%, $15.0 \mathrm{IN}(3.75 \mathrm{KPA}$ ), W/ARCH | A2-0-0-2-09 | 1 | \$643.00 | 38\% | \$398.66 |
| A2-0-1-0-0 | sensocon, inc. | DISPLAY, $1 \%, 0.25 \mathrm{IN}$ ( 60 PA), W/ARCH, 4-20 MA | A2-0-1-0-00 | 1 | \$555.00 | 38\% | \$344.10 |
| A2-0-0-1-0.1 | SEnsocon, inc. | DISPLAY, $1 \%, 0.50 \mathrm{IN}(125 \mathrm{PA})$, W/ARCH, 4-20 MA | A2-0-1-0-01 | 1 | \$492.00 | 38\% | \$305.04 |
| A2-0-1-0-0-10 | sensocon, inc. | DISPLAY, $1 \%$, 20.0 IN ( 5.0 KPA ), W/ARCH, 4-20 MA | A $2-0-1-0-10$ | 1 | \$492.00 | 38\% | \$305.04 |
| A2-0-1-0-11 | sensocon, inc. | DISPLAY, $1 \%$, $30.0 \mathrm{IN}(7.5 \mathrm{KPA}$ ), W/ARCH, 422 MA | A2-0-1-0-11 | 1 | \$492.00 | 38\% | \$305.04 |
| A2-0-1-0-12 | SEnsocon, inc. | DISPLAY, $1 \%$, 40.OIN ( 10 KPA ), W/ARCH, 4-20 MA | A2-0-1-0-12 | 1 | \$492.00 | 38\% | \$305.04 |
| A2-0-1-0-0-13 | sensocon, inc. | DISPLAY, $1 \%$, 50.0in ( 12.5 KPA ), W/ARCH, 4-20 MA | A2-0-1-0-13 | 1 | \$492.00 | 38\% | \$305.04 |
| A2-0-1-0-2 | sensocon, inc. | DISPLAY, $1 \%$, 1.0 IN ( 250 PA ), W/ARCH, 4-20 MA | A2-0-1-0-02 | 1 | \$492.00 | 38\% | \$305.04 |
| A2-0-1-0-3 | sensocon, inc. | DISPLAY, $1 \%, 2.0 \mathrm{IN}$ ( 500 PA ), W/ARCH, 4-20 MA | A2-0-1-0-03 | 1 | \$492.00 | 38\% | \$305.04 |
| A2-0-1-0-4 | sensocon, inc. | DISPLAY, $1 \%, 3.01 \mathrm{IN}$ ( 750 PA ), W/ARCH, 4-20 MA | A2-0-1-0-04 | 1 | \$492.00 | 38\% | \$305.04 |
| A2-0-1-0-5 | sensocon, inc. | DISPLAY, $1 \%$, 4.0IN ( 1.0 KPA ), W/ARCH, 4-20 MA | A2-0-1-0-05 | 1 | \$492.00 | 38\% | \$305.04 |
| A2-0-1-0-6 | SENSOCON, INC. | DISPLAY, 1\%, 5.OIN (1.25 KPA), W/ARCH, 4-20 MA | A2-0-1-0-06 | 1 | \$473.00 | 38\% | \$293.26 |
| A2-0-1-0-7 | sensocon, inc. | DISPLAY, $1 \%$, 8.OIN ( (2.0 KPA), W/ARCH, 4-20 MA | A2-0-1-0-07 | 1 | \$492.00 | 38\% | \$305.04 |
| A2-0-1-0-8 | sensocon, inc. | DISPLAY, $1 \%$, 10.OIN ( 2.5 KPA ), W/ARCH, 4-20 MA | A2-0-1-0-08 | 1 | \$492.00 | 38\% | \$305.04 |
| A2-0-1-0.9 | sensocon, inc. | DISPLAY, $1 \%$, $15.0 \mathrm{IN}(3.75$ KPA), W/ARCH, 4-20 MA | A2-0-1-0-09 | 1 | \$492.00 | 38\% | \$305.04 |
| A2-0-1-1-1-0 | sensocon, inc. | DISPLAY, 0.50\%, 0.25IN ( 60 PA), W/ARCH, 4-20 MA | A2-0-1-1-00 | 1 | \$706.00 | 38\% | \$437.72 |
| A2-0-1-1-1 | sensocon, inc. | DISPLAY, 0.50\%, 0.501 IN ( 125 PA ), W/ARCH, 4-20 MA | A2-0-1-1-01 | 1 | \$643.00 | 38\% | \$398.66 |
| A2-0-1-1-10 | sensocon, inc. | DISPLAY, 0.50\%, 20.0IN ( 5.0 KPA ), W/ARCH, 4-20 MA | A2-0-1-1-10 | 1 | \$643.00 | 38\% | \$398.66 |
| A2-0-1-1-11 | SENSOCON, INC. | DIISPLAY, 0.50\%, 30.0IN (7.5 KPA), W/ARCH, 4-20 MA | A2-0-1-1-11 | 1 | \$643.00 | 38\% | \$398.66 |
| A2-0-1-1-12 | sensocon, inc. | DISPLAY, 0.50\%, 40.01N ( 10 KPA ), W/ARCH, 4-20 MA | A2-0-1-1-12 | 1 | \$643.00 | 38\% | \$398.66 |
| A2-0-1-1-13 | SEnsocon, inc. | DISPLAY, 0.50\%, $50.0 \mathrm{OI}(12.5 \mathrm{KPA})$, W/ARCH, 4-20 MA | A2-0-1-1-13 | 1 | \$643.00 | 38\% | \$398.66 |
| A2-0-1-1-2 | sensocon, inc. | DISPLAY, 0.50\%, 1.0IN (250 PA), W/ARCH, 4-20 MA | A2-0-1-1-02 | 1 | \$643.00 | 38\% | \$398.66 |
| A2-0-1-1-3 | sensocon, inc. | DISPLAY, 0.50\%, 2.0IN ( 500 PA ), W/ARCH, 4-20 MA | A2-0-1-1-03 | 1 | \$643.00 | 38\% | \$398.66 |
| A2-0-1-1-4 | sensocon, inc. | DISPLAY, 0.50\%, 3.0IN ( 750 PA), W/ARCH, 4-20 MA | A2-0-1-1-04 | 1 | \$643.00 | 38\% | \$398.66 |
| A2-0-1-1-5 | sensocon, inc. | DISPLAY, 0.50\%, 4.0IN ( 1.0 KPA ), W/ARCH, 4-20 MA | A2-0-1-1-05 | 1 | \$643.00 | 38\% | \$398.66 |
| A2-0-1-1-6 | sensocon, inc. | DISPLAY, 0.50\%, 5.0IN ( 1.25 KPA ), W/ARCH, 4-20 MA | A2-0-1-1-06 | 1 | \$643.00 | 38\% | \$398.66 |
| A $2-0 \cdot-1-1-7$ | SEnsocon, inc. | DISPLAY, 0.50\%, 8.OIN (2.0 KPA), W/ARCH, 4-20 MA | A2-0-1-1-07 | 1 | \$643.00 | 38\% | \$398.66 |
| A2-0-1-1-8 | sensocon, inc. | DISPLAY, 0.50\%, 10.0IN ( 2.5 KPA ), W/ARCH, 4-20 MA | A2-0-1-1-08 | 1 | \$643.00 | 38\% | \$398.66 |
| A2-0-1-1-19 | sensocon, inc. | DISPLAY, 0.50\%, 15.0IN ( 3.75 KPA ), W/ARCH, 4-20 MA | A2-0-1-1-09 | 1 | \$643.00 | 38\% | \$398.66 |
| A2-0-1-2-0 | sensocon, inc. | DISPLAY, 0.25\%, 0.25 IN ( 60 PA), W/ARCH, 4-20 MA | A2-0-1-2-00 | 1 | \$857.00 | 38\% | \$531.34 |
| A2-0-1-2-1 | sensocon, inc. | DIISPLAY, 0.25\%, 0.50 IN ( 125 PA ), W/ARCH, 4-20 MA | A2-0-1-2-01 | 1 | \$794.00 | 38\% | \$492.28 |
| A2-0-1-2-10 | sensocon, inc. | DISPLAY, 0.25\%, 20.0IN (5.0 KPA), W/ARCH, 4-20 MA | A2-0-1-2-10 | 1 | \$794.00 | 38\% | \$492.28 |
| A2-0-1-2-11 | SENSOCON, INC. | DISPLAY, 0.25\%, 30.0IN (7.5 KPA), W/ARCH, 4-20 MA | A2-0-1-2-11 | 1 | \$794.00 | 38\% | \$492.28 |
| A2-0-1-2-12 | sensocon, inc. | DISPLAY, $0.25 \%, 40.01 \mathrm{IN}$ ( 10 KPA ), W/ARCH, 4-20 MA | A2-0-1-2-12 | 1 | \$794.00 | 38\% | \$492.28 |
| A2-0-1-2-13 | sensocon, inc. | DISPLAY, 0.25\%, $50.0 \mathrm{OI}(12.5 \mathrm{KPA})$, W/ARCH, 4-20 MA | A2-0-1-2-13 | 1 | \$794.00 | 38\% | \$492.28 |
| A2-0-1-2-2 | sensocon, inc. | DISPLAY, 0.25\%, 1.0IN (250 PA), W/ARCH, 4-20 MA | A2-0-1-2-02 | 1 | \$794.00 | 38\% | \$492.28 |
| A2-0-1-2-3 | sensocon, inc. | DISPLAY, 0.25\%, 2.0IN ( 500 PA), W/ARCH, 4-20 MA | A2-0-1-2-03 | 1 | \$794.00 | 38\% | \$492.28 |
| A2-0-1-2-4 | sensocon, inc. | DISPLAY, 0.25\%, 3.0IN ( 750 PA), W/ARCH, 4-20 MA | A2-0-1-2-04 | 1 | \$794.00 | 38\% | \$492.28 |
| A2-0-1-2-5 | SEnsocon, inc. | DISPLAY, 0.25\%, 4.0IN ( 1.0 KPA ), W/ARCH, 4-20 MA | A2-0-1-2-05 | 1 | \$794.00 | 38\% | \$492.28 |
| A2-0-1-2-6 | SENSOCON, INC. | DISPLAY, 0.25\%, 5.0IN (1.25 KPA), W/ARCH, 4-20 MA | A2-0-1-2-06 | 1 | \$794.00 | 38\% | \$492.28 |
| A2-0-1-2-7 | sensocon, inc. | DISPLAY, $0.25 \%$, 8.OIN ( 2.0 KPA ), W/ARCH, 4-20 MA | A2-0-1-2-07 | 1 | \$794.00 | 38\% | \$492.28 |
| A2-0-1-2-8 | SEnsocon, inc. | DISPLAY, 0.25\%, 10.0IN ( 2.5 KPA ), W/ARCH, 4-20 MA | A2-0-1-2-08 | 1 | \$794.00 | 38\% | \$492.28 |
| A2-0-1-2-9 | sensocon, inc. | DISPLAY, 0.25\%, 15.0IN ( 3.75 KPA ), W/ARCH, 4-20 MA | A2-0-1-2-09 | 1 | \$794.00 | 38\% | \$492.28 |
| A3-0-0-0.0 | sensocon, inc. | DISPLAY, $1 \%, 0.25 I N$ ( 60 PA), ARCH, LCD | A3-0-0-0-00 | 1 | \$618.00 | 38\% | \$383.16 |
| A3-0-0-0-1 | sensocon, inc. | DISPLAY, $1 \%, 0.50 \mathrm{IN}$ ( 125 PA ), ARCH, LCD | A3-0-0-0-01 | 1 | \$555.00 | 38\% | \$344.10 |
| A 3 -0.0-0-0-10 | sensocon, inc. | DISPLAY, 1\%, 20.0in ( 5.0 KPA ), ARCH, LCD | A3-0-0-0-10 | 1 | \$555.00 | 38\% | \$344.10 |
| A3-0-0-0-11 | SENSOCON, INC. | DISPLAY, $1 \%$, 30.0IN ( 7.5 KPA ), ARCH, LCD | A3-0-0-0-11 | 1 | \$555.00 | 38\% | \$344.10 |
| A 3 -0.0-0-12 | SENSOCON, INC. | DISPLAY, $1 \%$, 40.0in ( 10 KPA ), ARCH, LCD | A3-0-0-0-12 | 1 | \$555.00 | 38\% | \$344.10 |
| A 3 -0.0-0-0-13 | sensocon, inc. | DISPLAY, $1 \%$, 50.0 IN ( 12.5 KPA ), ARCH, LCD | A3-0-0-0-13 | 1 | \$555.00 | 38\% | \$344.10 |
| A 3 -0.0-0-0-2 | sensocon, inc. | DISPLAY, $1 \%$, 1.OIN (250 PA), ARCH, LCD | A3-0-0-0-0.02 | 1 | \$555.00 | 38\% | \$344.10 |
| A3-0-0-0.0-3 | sensocon, inc. | DISPLAY, $1 \%$, 2.OIN ( 500 PA), ARCH, LCD | A3-0-0-0-0.03 | 1 | \$555.00 | 38\% | \$344.10 |
| A3-0-0-0-4 | sensocon, inc. | DISPLAY, 1\%, 3.OIN (750 PA), ARCH, LCD | A3-0-0-0-04 | 1 | \$555.00 | 38\% | \$344.10 |
| A3-0-0-0-5 | sensocon, inc. | DISPLAY, 1\%, 4.OIN ( 1.0 KPA ), ARCH, LCD | A3-0-0-0-05 | 1 | \$555.00 | 38\% | \$344.10 |
| A3-0-0-0-6 | SENSOCON, INC. | DISPLAY, $1 \%$, 5.OIN (1.25 KPA), ARCH, LCD | A3-0-0-0-06 | 1 | \$555.00 | 38\% | \$344.10 |
| A3-0-0-0-7 | sensocon, inc. | DISPLAY, $1 \%$, 8.0in ( 2.0 KPA ), ARCH, LCD | A3-0-0-0-0.07 | 1 | \$555.00 | 38\% | \$344.10 |
| A3-0-0-0-0 8 | sensocon, inc. | DISPLAY, $1 \%$, $10.0 \mathrm{OIN}(2.5 \mathrm{KPA}$ ), ARCH, LCD | A3-0-0-0-0.08 | 1 | \$555.00 | 38\% | \$34.10 |
| A3-0-0-0.09 | sensocon, inc. | DISPLAY, $1 \%$, $15.0 \mathrm{IN}(3.75 \mathrm{KPA}$ ), ARCH, LCD | A3-00-0-0.09 | 1 | \$555.00 | 38\% | \$344.10 |
| А 3 -0-0-1-0 | sensocon, inc. | DISPLAY, 0.50\%, 0.25IN ( 60 PA), ARCH, LCD | A3-0-0-1-00 | 1 | \$769.00 | 38\% | \$476.78 |
| A 3 -0-0-1-1 | sensocon, inc. | DISPLAY, 0.50\%, 0.50IN (125 PA), ARCH, LCD | A3-0-0-1-01 | 1 | \$706.00 | 38\% | \$437.72 |
| A 3 -0-0-1-10 | SEnsocon, inc. | DISPLAY, $0.50 \%, 20.0 \mathrm{IN}$ ( 5.0 KPA ), ARCH, LCD | A3-0-0-1-10 | 1 | \$706.00 | 38\% | \$437.72 |
| A3-0-0-1-11 | SENSOCON, INC. | DISPLAY, $0.50 \%, 30.0 \mathrm{IN}$ ( 7.5 KPA ), ARCH, LCD | A3-0-0-1-11 | 1 | \$706.00 | 38\% | \$437.72 |
| A 3 -0-0-1-12 | sensocon, inc. | DISPLAY, $0.50 \%$, 40.0 IN ( 10 KPA ), ARCH, LCD | A3-0-0-1-12 | 1 | \$706.00 | 38\% | \$437.72 |
| A 3 -0.0-1-13 | SENSOCON, inc. | DISPLAY, 0.50\%, 50.0 OIN (12.5 KPA), ARCH, LCD | A 3 -0-0-1-13 | 1 | \$706.00 | 38\% | \$437.72 |
| A 3 -0.0-1-2 | sensocon, inc. | DISPLAY, $0.50 \%$, 1.0IN ( 250 PA), ARCH, LCD | A3-0-0-1-02 | 1 | \$706.00 | 38\% | \$437.72 |
| A3-0-0-1-3 | sensocon, inc. | DISPLAY, 0.50\%, 2.0IN ( 500 PA ), ARCH, LCD | A3-0-0-1-03 | 1 | \$706.00 | 38\% | \$437.72 |
| А 3 -0-0-1-4 | sensocon, inc. | DISPLAY, 0.50\%, 3.0IN (750 PA), ARCH, LCD | A3-0-0-1-04 | 1 | \$706.00 | 38\% | \$437.72 |
| A3-0-0-1-5 | SEnsocon, inc. | DISPLAY, $0.50 \%$, 4.OIN ( 1.0 KPA ), ARCH, LCD | A3-0-0-1-05 | 1 | \$706.00 | 38\% | \$437.72 |
| A3-0-0-1-6 | SENSOCON, INC. | DISPLAY, $0.50 \%$, $5.0 \mathrm{IN}(1.25 \mathrm{KPA}$ ), ARCH, LCD | A3-0-0-1-06 | 1 | \$706.00 | 38\% | \$437.72 |
| A3-0-0-1-7 | sensocon, inc. | DISPLAY, 0.50\%, 8.OIN (2.0 KPA), ARCH, LCD | A3-0-0-1-07 | 1 | \$706.00 | 38\% | \$437.72 |
| A3-0-0-1-8 | SEnsocon, inc. | DISPLAY, $0.50 \%$, 10.0 IN ( 2.5 KPA ), ARCH, LCD | A3-0-0-1-08 | 1 | \$706.00 | 38\% | \$437.72 |
| A3-0-0-0-1-9 | sensocon, inc. | DISPLAY, 0.50\%, 15.0IN (3.75 KPA), ARCH, LCD | A3-0-0-1-09 | 1 | \$706.00 | 38\% | \$437.72 |
| A3-0-0-0-2 0 | sensocon, inc. | DISPLAY, 0.25\%, 0.25 IN ( 60 PA), ARCH, LCD | A 3 -0-0-2-00 | 1 | \$912.00 | 38\% | \$565.44 |
| A3-0-0-2-1 | sensocon, inc. | DISPLAY, $0.25 \%, 0.50 \mathrm{IN}$ ( 125 PA), ARCH, LCD | A3-0-0-2-01 | 1 | \$857.00 | 38\% | \$531.34 |
| A 3 -0-0-2-2-10 | sensocon, inc. | DISPLAY, $0.25 \%, 20.0 \mathrm{IN}$ ( 5.0 KPA ), ARCH, LCD | A3-0-0-2-10 | 1 | \$857.00 | 38\% | \$531.34 |
| A 3 -0.0-2-2-11 | sensocon, inc. | DISPLAY, $0.25 \%, 30.0 \mathrm{IN}$ ( 7.5 KPA ), ARCH, LCD | A 3 -0-0-2-2-11 | 1 | \$857.00 | 38\% | \$531.34 |
| A3-0-0-2-12 | SENSOCON, INC. | DISPLAY, $0.25 \%$, $40.0 \mathrm{ON}(10 \mathrm{KPA}$ ), ARCH, LCD | A3-0-0-2-12 | 1 | \$857.00 | 38\% | \$531.34 |
| A 3 -0-0-2-213 | sensocon, inc. | DISPLAY, $0.25 \%$, 50.0 OIN (12.5 KPA), ARCH, LCD | A3-0-0-2-13 | 1 | \$857.00 | 38\% | \$531.34 |
| A 3 -0.0-0-2 | SENSOCON, inc. | DISPLAY, $0.25 \%, 1.0 \mathrm{IN}(250$ PA), ARCH, LCD | A3-0-0-2-02 | 1 | \$857.00 | 38\% | \$531.34 |
| A3-0-0-0-3 | sensocon, inc. | DISPLAY, $0.25 \%$, 2.0IN ( 500 PA ), ARCH, LCD | A 3 -0-0-2-03 | 1 | \$857.00 | 38\% | \$531.34 |
| A3-0-0-0-4 | sensocon, inc. | DISPLAY, $0.25 \%$, 3.0IN ( 750 PA ), ARCH, LCD | A3-0-0-2-04 | 1 | \$857.00 | 38\% | \$531.34 |
| A3-0-0-2-5 | sensocon, inc. | DISPLAY, $0.25 \%$, 4.OIN ( 1.0 KPA ), ARCH, LCD | A3-0-0-2-05 | 1 | \$857.00 | 38\% | \$531.34 |
| А 3 -0-0-0-6 | sensocon, inc. | DISPLAY, $0.25 \%$, $5.0 \mathrm{IN}(1.25 \mathrm{KPA})$, ARCH, LCD | A 3 -0-0-2-06 | 1 | \$857.00 | 38\% | \$531.34 |
| A3-0-0-2-7 | SENSOCON, INC. | DISPLAY, $0.25 \%$, 8.OIN ( 2.0 KPA ), ARCH, LCD | A3-0-0-2-07 | 1 | \$857.00 | 38\% | \$531.34 |
| A3-0-0-2-8 | sensocon, inc. | DISPLAY, $0.25 \%, 10.0 \mathrm{IN}$ ( 2.5 KPA ), ARCH, LCD | A3-0-0-2-08 | 1 | \$857.00 | 38\% | \$531.34 |
| A3-0-0-2-9 | sensocon, inc. | DISPLAY, 0.25\%, 15.0IN (3.75 KPA), ARCH, LCD | A3-0-0-2-09 | 1 | \$857.00 | 38\% | \$531.34 |
| A3-0-1-0-0 | sensocon, inc. |  | A3-0-1-0-00 | 1 | \$769.00 | 38\% | \$476.78 |
| A 3 -0.-1-0-1 | sensocon, inc. | DISPLAY, $1 \%, 0.50 \mathrm{IN}$ ( 125 PA ), ARCH, LCD, 4-20 MA | A 3 -0-1-0-01 | 1 | \$706.00 | 38\% | \$437.72 |
| A3-0-1-0-10 | SEnsocon, inc. | DISPLAY, $1 \%, 20.0 \mathrm{IN}$ ( 5.0 KPA ), ARCH, LCD, 4-20 MA | A3-0-1-0-10 | 1 | \$706.00 | 38\% | \$437.72 |
| A3-0-1-0-0-11 | SENSOCON, INC. | DISPLAY, 1\%, 30.0in (7.5 KPA), ARCH, LCD, 4-20 MA | A3-0-1-0-11 | 1 | \$706.00 | 38\% | \$437.72 |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Incted] Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain priocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintena e of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, owers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely us
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

|  |  |  |  | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54 " | Lst Price | \% Discount | Ns Net Pr |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A 3 -0-1-0-12 | SENSOCON, INC. | DISPLAY, 1\%, 40.0 OIN (10 KPA), ARCH, LCD, 4-20 MA | A3-0-1-0-12 | 1 | \$706.00 | 38\% | \$437.72 |
| A 3 -0-1-0-13 | SENSOCON, INC. | DISPLAY, $1 \%$, 50.0 IN ( 12.5 KPA ), ARCH, LCD, 4-20 MA | A3-0-1-0-13 | 1 | \$706.00 | 38\% | \$437.72 |
| A3-0.-1-0-2 | sensocon, inc. | DISPLAY, $1 \%$, 1.OIN ( 250 PA ), ARCH, LCD, 4-20 MA | A3-0-1-0-02 | 1 | \$706.00 | 38\% | \$437.72 |
| A3-0-1-0-3 | sensocon, inc. | DISPLAY, $1 \%$, 2.OIN ( 500 PA ), ARCH, LCD, 4-20 MA | A3-0-1-0-03 | 1 | \$706.00 | 38\% | \$437.72 |
| A3-0-1-0-0 4 | sensocon, inc. | DISPLAY, $1 \%$, 3.0IN ( 750 PA ), ARCH, LCD, 4-20 MA | A3-0-1-0-04 | 1 | \$706.00 | 38\% | \$437.72 |
| A3-0-1-0-5 | SENSOCON, INC. | DISPLAY, $1 \%$, $4.0 \mathrm{IN}(1.0 \mathrm{KPA}$ ), ARCH, LCD, 4 -20 MA | A3-0-1-0-05 | 1 | \$706.00 | 38\% | \$437.72 |
| A3-0-1-0-6 | SENSOCON, INC. | DISPLAY, $1 \%$, 5.OIN ( 1.25 KPA ), ARCH, LCD, 4-20 MA | A3-0-1-0-06 | 1 | \$706.00 | 38\% | \$437.72 |
| A3-0-1-0-7 | sensocon, inc. | DISPLAY, $1 \%$, 8.OIN (2.0 KPA), ARCH, LCD, 4-20 MA | A3-0-1-0-07 | 1 | \$706.00 | 38\% | \$437.72 |
| A3-0-1-0-8 | sensocon, inc. | DISPLAY, $1 \%$, 10.0 IN ( 2.5 KPA ), ARCH, LCD, 4-20 MA | A3-0-1-0-08 | 1 | \$706.00 | 38\% | \$437.72 |
| A3-0-1-0-9 | sensocon, inc. | DISPLAY, $1 \%$, 15.0IN (3.75 KPA), ARCH, LCD, 4-20 MA | A3-0-1-0-09 | 1 | \$706.00 | 38\% | \$437.72 |
| A 3 -0-1-1-0 | sensocon, inc. | DISPLAY, 0.50\%, 0.25IN ( 60 PA), ARCH, LCD, 4-20 MA | A3-0-1-1-00 | 1 | \$912.00 | 38\% | \$565.44 |
| A 3 -0-1-1-1 | sensocon, inc. | DISPLAY, 0.50\%, 0.50IN (125 PA), ARCH, LCD, 4-20 | A 3 -0-1-1-01 | 1 | \$857.00 | 38\% | \$531.34 |
| A 3 -0-1-1-10 | sensocon, inc. | DISLL, $0.50 \%, 20.0 \mathrm{IN}(5.0 \mathrm{KPA})$, ARCH, LCD, 4-20 MA | A 3 -0-1-1-10 | 1 | \$857.00 | 38\% | \$531.34 |
| A3-0-1-1-11 | sensocon, inc. | DISLL, $0.50 \%, 30.0 \mathrm{IN}$ ( 7.5 KPA ), ARCH, LCD, 4-20 MA | A 3 -0-1-1-11 | 1 | \$857.00 | 38\% | \$531.34 |
| A 3 -0-1-1-12 | sensocon, inc. | DISPL, $0.50 \%, 40.0 \mathrm{IN}(10 \mathrm{KPA})$, ARCH, LCD, 4-20 MA | A3-0-1-1-12 | 1 | \$857.00 | 38\% | \$531.34 |
| A 3 -0-1-1-13 | sensocon, inc. | DISPL, 0.50\%, 50.0 IN (12.5 KPA), ARCH, LCD, 4-20 | A 3 -0-1-1-13 | 1 | \$857.00 | 38\% | \$531.34 |
| A 3 -0-1-1-2 | sensocon, inc. | DISPLAY, 0.50\%, 1.0IN (250 PA), ARCH, LCD, 4-20 MA | A3-0-1-1-02 | 1 | \$857.00 | 38\% | \$531.34 |
| A3-0-1-1-3 | sensocon, inc. | DISPLAY, 0.50\%, 2.0IN (500 PA), ARCH, LCD, 4-20 MA | A3-0-1-1-03 | 1 | \$857.00 | 38\% | \$531.34 |
| A3-0-1-1-4 | SEnsocon, inc. | DISPLAY, 0.50\%, 3.0IN (750 PA), ARCH, LCD, 4-20 MA | A3-0-1-1-04 | 1 | \$857.00 | 38\% | \$531.34 |
| A3-0-1-1-5 | sensocon, inc. | DISPL, $0.50 \%$, 4.0IN ( 1.0 KPA ), ARCH, LCD, 4-20 MA | A3-0-1-1-05 | 1 | \$857.00 | 38\% | \$531.34 |
| A3-0-1-1-6 | sensocon, inc. | DISPL, $0.50 \%$, 5.0IN ( 1.25 KPA), ARCH, LCD, 4-20 MA | A3-0-1-1-06 | 1 | \$857.00 | 38\% | \$531.34 |
| A 3 -0-1-1-7 | SEnsocon, inc. | DISPL, $0.50 \%$, 8.0IN ( 2.0 KPA ), ARCH, LCD, 4-20 MA | A3-0-1-1-07 | 1 | \$857.00 | 38\% | \$531.34 |
| A3-0-1-1-1-8 | sensocon, inc. | DISLL, $0.50 \%$, 10.01N ( 2.5 KPA ), ARCH, LCD, 4-20 MA | A3-0-1-1-08 | 1 | \$857.00 | 38\% | \$531.34 |
| A3-0-1-1-19 | sensocon, inc. | DISPL, 0.50\%, 15.0IN (3.75 KPA), ARCH, LCD, 4-20 | A3-0-1-1-09 | 1 | \$857.00 | 38\% | \$531.34 |
| А 3 -0-1-2-0 | sensocon, inc. | DISPL, 0.25\%, 0.25 IN ( 60 PA), ARCH, LCD, 4-20 MA | A3-0-1-2-00 | 1 | \$1,061.00 | 38\% | \$657.82 |
| A3-0-1-2-1 | sensocon, inc. | DISPL, 0.25\%, 0.50 IN ( 125 PA), ARCH, LCD, 4-20 MA | A 3 -0-1-2-01 | 1 | \$999.00 | 38\% | \$619.38 |
| A 3 -0-1-2-10 | sensocon, inc. | DISLL, $0.25 \%, 20.0 \mathrm{IN}(5.0 \mathrm{KPA})$, ARCH, LCD, 4-20 MA | A 3 -0-1-2-10 | 1 | \$999.00 | 38\% | \$619.38 |
| A3-0-1-2-11 | SENSOCON, INC. | DISPL, $0.25 \%, 30.0 \mathrm{IN}$ ( 7.5 KPA ), ARCH, LCD, 4-20 MA | A3-0-1-2-11 | 1 | \$999.00 | 38\% | \$619.38 |
| A 3 -0-1-2-12 | sensocon, inc. | DISPL, $0.25 \%, 40.0 \mathrm{IN}(10 \mathrm{KPA})$, ARCH, LCD, 4-20 MA | A3-0-1-2-12 | 1 | \$999.00 | 38\% | \$619.38 |
| A 3 -0-1-2-13 | sensocon, inc. | DISPL, 0.25\%, $50.0 \mathrm{OIN}(12.5 \mathrm{KPA})$, ARCH, LCD, 4-20 | A 3 -0-1-2-13 | 1 | \$999.00 | 38\% | \$619.38 |
| A 3 -0-1-2-2 | sensocon, inc. | DISPL, 0.25\%, 1.OIN (250 PA), ARCH, LCD, 4-20 MA | A 3 -0-1-2-02 | 1 | \$999.00 | 38\% | \$619.38 |
| A3-0-1-2-3 | sensocon, inc. | DISPL, $0.25 \%$, 2.IIN ( 500 PA ), ARCH, LCD, 4-20 MA | A3-0-1-2-03 | 1 | \$999.00 | 38\% | \$619.38 |
| A3-0-1-2-4 | sensocon, inc. | DISPL, 0.25\%, 3.0IN (750 PA), ARCH, LCD, 4-20 MA | A3-0-1-2-04 | 1 | \$999.00 | 38\% | \$619.38 |
| A3-0-1-2-5 | sensocon, inc. | DISLL, $0.25 \%$, 4.0IN ( 1.0 KPA ), ARCH, LCD, 4-20 MA | A3-0-1-2-05 | 1 | \$999.00 | 38\% | \$619.38 |
| A3-0-1-2-6 | SENSOCON, INC. | DISPL, $0.25 \%$, 5.0IN ( 1.25 KPA), ARCH, LCD, 4-20 MA | A3-0-1-2-06 | 1 | \$999.00 | 38\% | \$619.38 |
| A3-0-1-2-7 | sensocon, inc. | DISPL, $0.25 \%$, 8.0IN ( 2.0 KPA ), ARCH, LCD, 4-20 MA | A3-0-1-2-07 | 1 | \$999.00 | 38\% | \$619.38 |
| A3-0-1-2-8 | SEnsocon, inc. | DISLL, $0.25 \%$, 10.0iN ( 2.5 KPA ), ARCH, LCD, 4-20 MA | A3-0-1-2-08 | 1 | \$999.00 | 38\% | \$619.38 |
| A3-0-1-2-9 | sensocon, inc. | DISPL, 0.25\%, 15.0IN (3.75 KPA), ARCH, LCD, 4-20 | A3-0-1-2-09 | 1 | \$999.00 | 38\% | \$619.38 |
| A3-1-0-0.0 | sensocon, inc. | DISP, $1 \%, 0.25 \mathrm{IIN}(60 \mathrm{PA}$ ), ARCH, LCD, RELAY | A3-1-0-0-00 | 1 | \$718.00 | 38\% | \$445.16 |
| A3-1-0-0.1 | sensocon, inc. | DISP, 1\%, 0.50 IN ( 125 PA ), ARCH, LCD, RELAY | A3-1-0-0-01 | 1 | \$655.00 | 38\% | \$406.10 |
| A 3 -1-0-0-0-10 | sensocon, inc. | DISP, $1 \%$, 20.0 IN ( 5.0 KPA ), ARCH, LCD, RELAY | A 3 -1-0-0-10 | 1 | \$655.00 | 38\% | \$406.10 |
| A3-1-0-0-11 | sensocon, inc. | DISP, $1 \%$, 30.0 IN ( 7.5 KPA ), ARCH, LCD, RELAY | A 3 -1-0-0-11 | 1 | \$655.00 | 38\% | \$406.10 |
| A 3 -1-0-0-12 | SEnsocon, inc. | DISP, $1 \%$, 40.0 IN ( 10 KPA ), ARCH, LCD, RELAY | A 3 -1-0-0-12 | 1 | \$655.00 | 38\% | \$406.10 |
| A 3 -1-0-0-0-13 | sensocon, inc. | DISP, $1 \%$, $50.0 \mathrm{IN}(12.5 \mathrm{KPA}$ ), ARCH, LCD, RELAY | A 3 -1-0-0-13 | 1 | \$655.00 | 38\% | \$406.10 |
| A 3 -1-0.0-2 | sensocon, inc. | DISP, $1 \%$, 1.0IN ( 250 PA), ARCH, LCD, RELAY | A 3 -1-0-0-02 | 1 | \$655.00 | 38\% | \$406.10 |
| A3-1-0-0-3 | sensocon, inc. | DISP, $1 \%$, 2.OIN ( 500 PA), ARCH, LCD, RELAY | A3-1-0-0-03 | 1 | \$655.00 | 38\% | \$406.10 |
| A3-1-0-0-4 | sensocon, inc. | DISP, 1\%, 3.0IN (750 PA), ARCH, LCD, RELAY | A3-1-0-0-04 | 1 | \$655.00 | 38\% | \$406.10 |
| A3-1-0-0.5 | sensocon, inc. | DISP, 1\%, 4.OIN ( 1.0 K PA ), ARCH, LCD, RELAY | A3-1-0-0-05 | 1 | \$655.00 | 38\% | \$406.10 |
| A3-1-0-0-6 | SENSOCON, INC. | DISP, $1 \%$, 5.OIN ( 1.25 KPA ), ARCH, LCD, RELAY | A3-1-0-0-06 | 1 | \$655.00 | 38\% | \$406.10 |
| A3-1-0-0.7 | sensocon, inc. | DISP, $1 \%$, 8.OIN ( 2.0 KPA ), ARCH, LCD, RELAY | A3-1-0-0-07 | 1 | \$655.00 | 38\% | \$406.10 |
| A3-1-0-0-8 | sensocon, inc. | DISP, $1 \%$, 10.OIN ( 2.5 KPA ), ARCH, LCD, RELAY | A3-1-0-0-08 | 1 | \$655.00 | 38\% | \$406.10 |
| A3-1-0-0.9 | sensocon, inc. | DISP, $1 \%$, 15.0IN ( 3.75 KPA), ARCH, LCD, RELAY | A3-1-0-0-09 | 1 | \$655.00 | 38\% | \$406.10 |
| A3-1-0-1-0 | sensocon, inc. | DISP, 0.50\%, 0.25IN ( 60 PA), ARCH, LCD, RELAY | A3-1-0-1-00 | 1 | \$870.00 | 38\% | \$539.40 |
| A3-1-0-1-1 | sensocon, inc. | DISP, 0.50\%, 0.50IN ( 125 PA), ARCH, LCD, RELAY | A3-1-0-1-01 | 1 | \$807.00 | 38\% | \$500.34 |
| A $3-1-0-1-10$ | SEnsocon, inc. | DISP, 0.50\%, 20.0in ( 5.0 KPA), ARCH, LCD, RELAY | A3-1-0-1-10 | 1 | \$807.00 | 38\% | \$500.34 |
| A3-1-0-1-11 | SENSOCON, INC. | DISP, 0.50\%, 30.0IN (7.5 KPA), ARCH, LCD, RELAY | A3-1-0-1-11 | 1 | \$807.00 | 38\% | \$500.34 |
| A3-1-0-1-12 | sensocon, inc. | DISP, 0.50\%, 40.01N (10 KPA), ARCH, LCD, RELAY | A $3-1-0-1-12$ | 1 | \$807.00 | 38\% | \$500.34 |
| A 3 -1-0-1-13 | SEnsocon, inc. | DISP, $0.50 \%$, 50.0 IN ( 12.5 KPA ), ARCH, LCD, RELAY | A 3 -1-0-1-13 | 1 | \$807.00 | 38\% | \$500.34 |
| A $3-1-0-1-2$ | sensocon, inc. | DISP, 0.50\%, 1.0IN (250 PA), ARCH, LCD, RELAY | A 3 -1-0-1-02 | 1 | \$807.00 | 38\% | \$500.34 |
| A 3 -1-0-1-3 | sensocon, inc. | DISP, 0.50\%, 2.0IN ( 500 PA), ARCH, LCD, RELAY | A 3 -1-0-1-03 | 1 | \$807.00 | 38\% | \$500.34 |
| A3-1-0-1-4 | sensocon, inc. | DISP, 0.50\%, 3.0IN ( 750 PA), ARCH, LCD, RELAY | A3-1-0-1-04 | 1 | \$807.00 | 38\% | \$500.34 |
| A3-1-0-1-5 | sensocon, inc. | DISP, 0.50\%, 4.0IN (1.0 K PA), ARCH, LCD, RELAY | A3-1-0-1-05 | 1 | \$807.00 | 38\% | \$500.34 |
| A 3 -1-0-1-6 | sensocon, inc. | DISP, $0.50 \%$, 5.OIN ( 1.25 KPA ), ARCH, LCD, RELAY | A $3-1-0-1-06$ | 1 | \$807.00 | 38\% | \$500.34 |
| A3-1-0-1-7 | SENSOCON, INC. | DISP, 0.50\%, 8.OIN (2.0 KPA), ARCH, LCD, RELAY | A3-1-0-1-07 | 1 | \$807.00 | 38\% | \$500.34 |
| A 3 -1-0-1-8 | sensocon, inc. | DISP, $0.50 \%$, $10.0 \mathrm{OIN}(2.5 \mathrm{KPA}$ ), ARCH, LCD, RELAY | A3-1-0-1-08 | 1 | \$807.00 | 38\% | \$500.34 |
| A 3 -1-0-1-9 | sensocon, inc. | DISP, $0.50 \%$, 15.OIN ( 3.75 KPA ), ARCH, LCD, RELAY | A3-1-0-1-09 | 1 | \$807.00 | 38\% | \$500.34 |
| A3-1-0-2-0 | sensocon, inc. | DISP, 0.25\%, 0.25 IN ( 60 PA), ARCH, LCD, RELAY | A $3-1-0-2-00$ | 1 | \$1,011.00 | 38\% | \$626.82 |
| A3-1-0-2-1 | sensocon, inc. | DISP, 0.25\%, 0.50 IN ( 125 PA ), ARCH, LCD, RELAY | A3-1-0-2-01 | 1 | \$949.00 | 38\% | \$588.38 |
| A3-1-0-2-2-10 | sensocon, inc. | DISP, 0.25\%, 20.0in ( 5.0 KPA), ARCH, LCD, RELAY | A3-1-0-2-2-10 | 1 | \$949.00 | 38\% | \$588.38 |
| A3-1-0-2-11 | SENSOCON, INC. | DISP, 0.25\%, 30.0IN (7.5 KPA), ARCH, LCD, RELAY | A3-1-0-2-11 | 1 | \$949.00 | 38\% | \$588.38 |
| A 3 -1-0-2-12 | sensocon, inc. | DISP, 0.25\%, 40.0 IN ( 10 KPA ), ARCH, LCD, RELAY | A3-1-0-2-12 | 1 | \$949.00 | 38\% | \$588.38 |
| A $3-1-0-2-213$ | sensocon, inc. | DISP, $0.25 \%$, 50.0 IN ( 12.5 KPA ), ARCH, LCD, RELAY | A $3-1-0-2-13$ | 1 | \$949.00 | 38\% | \$588.38 |
| A $3-1-0-2-2$ | sensocon, inc. | DISP, 0.25\%, 1.0IN (250 PA), ARCH, LCD, RELAY | A 3 -1-0-2-02 | 1 | \$949.00 | 38\% | \$588.38 |
| A3-1-0-2-3 | sensocon, inc. | DISP, 0.25\%, 2.0IN ( 500 PA), ARCH, LCD, RELAY | A3-1-0-2-03 | 1 | \$949.00 | 38\% | \$588.38 |
| A3-1-0-2-4 | sensocon, inc. | DISP, 0.25\%, 3.0IN (750 PA), ARCH, LCD, RELAY | A3-1-0-2-04 | 1 | \$949.00 | 38\% | \$588.38 |
| A3-1-0-2-5 | SEnsocon, inc. | DISP, 0.25\%, 4.0in ( 1.0 KPA ), ARCH, LCD, RELAY | A3-1-0-2-05 | 1 | \$949.00 | 38\% | \$588.38 |
| A3-1-0-2-6 | SENSOCON, INC. | DISP, 0.25\%, 5.0IN (1.25 KPA), ARCH, LCD, RELAY | A3-1-0-2-06 | 1 | \$949.00 | 38\% | \$588.38 |
| A3-1-0-2-7 | sensocon, inc. | DISP, 0.25\%, 8.OIN (2.0 KPA), ARCH, LCD, RELAY | A3-1-0-2-07 | 1 | \$949.00 | 38\% | \$588.38 |
| A3-1-0-2-8 | SENSOCON, inc. | DISP, $0.25 \%$, $10.0 \mathrm{OIN}(2.5 \mathrm{KPA}$ ), ARCH, LCD, RELAY | A3-1-0-2-08 | 1 | \$949.00 | 38\% | \$588.38 |
| A3-1-0-2-9 | sensocon, inc. | DISP, $0.25 \%$, 15.OIN ( 3.75 KPA ), ARCH, LCD, RELAY | A3-1-0-2-09 | 1 | \$949.00 | 38\% | \$588.38 |
| A3-1-1-0.0 | sensocon, inc. | DISP, 1\%, 0.25 IN ( 60 PA), ARCH, LCD, RELAY, 4-20 | A3-1-1-0-00 | 1 | \$870.00 | 38\% | \$539.40 |
| A 3 -1-1-0-1 | sensocon, inc. | DISP, 1\%, 0.50iN, ARCH, LCD, RELAY, 4-20 MA | A 3 -1-1-0-01 | 1 | \$807.00 | 38\% | \$500.34 |
| A3-1-1-0-0-10 | SEnsocon, inc. | DISP, 1\%, 20.0 IN ( 5.0 KPA ), ARCH, LCD, RLY, 4-20 | A3-1-1-0-10 | 1 | \$807.00 | 38\% | \$500.34 |
| A3-1-1-0-11 | SENSOCON, INC. | DISP, 1\%, 30.0 IN (7.5 KPA), ARCH, LCD, RLY, 4-20 | A3-1-1-0-11 | 1 | \$807.00 | 38\% | \$500.34 |
| A3-1-1-0-12 | sensocon, inc. | DISP, 1\%, 40.OIN, ARCH, LCD, RLY, 4-20 MA | A3-1-1-0-12 | 1 | \$807.00 | 38\% | \$500.34 |
| A 3 -1-1-0-13 | SEnsocon, inc. | DISP, 1\%, 50.0IN, ARCH, LCD, RLY, 4-20 MA | A 3 -1-1-0-13 | 1 | \$807.00 | 38\% | \$500.34 |
| A $3-1-1-0-2$ | sensocon, inc. | DISP, 1\%, 1.OIN (250 PA), ARCH, LCD, RELAY, 4-20 | A $3-1-1-0-02$ | 1 | \$807.00 | 38\% | \$500.34 |
| A3-1-1-0-3 | sensocon, inc. | DISP, 1\%, 2.OIN (500 PA), ARCH, LCD, RELAY, 4-20 | A 3 -1-1-0-03 | 1 | \$807.00 | 38\% | \$500.34 |
| A3-1-1-0-4 | sensocon, inc. | DISP, 1\%, 3.OIN (750 PA), ARCH, LCD, RELAY, 4-20 | A3-1-1-0-04 | 1 | \$807.00 | 38\% | \$500.34 |
| A3-1-1-0-5 | sensocon, inc. | DISP, 1\%, 4.0IN (1.0 KPA), ARCH, LCD, RLY, 4-20 | A3-1-1-0-05 | 1 | \$807.00 | 38\% | \$500.34 |
| A3-1-1-0-6 | sensocon, inc. | DISP, 1\%, 5.OIN (1.25 KPA), ARCH, LCD, RLY, 4-20 | A $3-1-1-0-06$ | 1 | \$807.00 | 38\% | \$500.34 |
| A3-1-1-0.7 | SENSOCON, INC. | DISP, 1\%, 8.0IN (2.0 KPA), ARCH, LCD, RLY, 4-20 MA | A3-1-1-0-07 | 1 | \$807.00 | 38\% | \$500.34 |
| A3-1-1-0-8 | sensocon, inc. | DISP, 1\%, 10.0IN (2.5 KPA), ARCH, LCD, RLY, 4-20 | A3-1-1-0-08 | 1 | \$807.00 | 38\% | \$500.34 |
| A3-1-1-0.9 | SENSOCON, inc. | DISP, 1\%, 15.OIN, ARCH, LCD, RLY, 4-20 MA | A3-1-1-0-09 | 1 | \$807.00 | 38\% | \$500.34 |
| A3-1-1-1-0 | sensocon, inc. | DISP, $0.50 \%, 0.25 \mathrm{IN}$, ARCH, LCD, RLY, 4-20 MA | A3-1-1-1-00 | 1 | \$1,011.00 | 38\% | \$626.82 |
| A3-1-1-1-1 | sensocon, inc. | DISP, $0.50 \%, 0.50 \mathrm{IN}, \mathrm{ARCH}, \mathrm{LCD}, \mathrm{RLY}, 4-20 \mathrm{MA}$ | A3-1-1-1-01 | 1 | \$949.00 | 38\% | \$588.38 |
| A3-1-1-1-10 | sensocon, inc. | DISPL, 0.50\%, 20.0IN, ARCH, LCD, RLY, 4-20 MA | A3-1-1-1-10 | 1 | \$949.00 | 38\% | \$588.38 |
| A $3-1-1-1-11$ | sensocon, inc. | DISPL, 0.50\%, 30.0IN, ARCH, LCD, RLY, 4-20 MA | A3-1-1-1-11 | 1 | \$949.00 | 38\% | \$588.38 |
| A3-1-1-1-12 | SENSOCON, INC. | DISPL, 0.50\%, 40.0IN, ARCH, LCD, RLY, 4-20 MA | A3-1-1-1-12 | 1 | \$949.00 | 38\% | \$588.38 |
| A3-1-1-1-13 | sensocon, inc. | DISPL, 0.50\%, 50.0in, ARCH, LCD, RLY, 4-20 MA | A3-1-1-1-13 | 1 | \$949.00 | 38\% | \$588.38 |
| A3-1-1-1-2 | sensocon, inc. | DISP, 0.50\%, 1.0IN, ARCH, LCD, RLY, 4-20 MA | A3-1-1-1-02 | 1 | \$949.00 | 38\% | \$588.38 |
| A3-1-1-1-3 | sensocon, inc. | DISP, 0.50\%, 2.0IN, ARCH, LCD, RLY, 4-20 MA | A3-1-1-1-03 | 1 | \$949.00 | 38\% | \$588.38 |
| A3-1-1-1-4 | sensocon, inc. | DISP, 0.50\%, 3.0IN, ARCH, LCD, RLY, 4-20 MA | A3-1-1-1-04 | 1 | \$949.00 | 38\% | \$588.38 |
| A3-1-1-1-5 | SEnsocon, inc. | DISPL, 0.50\%, 4.0IN, ARCH, LCD, RLY, 4-20 MA | A3-1-1-1-05 | 1 | \$949.00 | 38\% | \$588.38 |
| A3-1-1-1-6 | SENSOCON, INC. | DISPL, 0.50\%, 5.OIN, ARCH, LCD, RLY, 4-20 MA | A3-1-1-1-06 | 1 | \$949.00 | 38\% | \$588.38 |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTakk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Istalledl. Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain pro platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenace of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs owers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not iimited to
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely us
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

|  |  |  |  | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54 " | List Price | \% Discount | Nvs Nel Picee |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A3-1-1-1-7 | SENSOCON, INC. | DISPL, 0.50\%, 8.OIN, ARCH, LCD, RLY, 4-20 MA | A3-1-1-1-07 | 1 | \$949.00 | 38\% | \$588.38 |
| A3-1-1-1-8 | sensocon, inc. | DISPL, 0.50\%, 10.OIN, ARCH, LCD, RLY, 4-20 MA | A3-1-1-1-08 | 1 | \$949.00 | 38\% | \$588.38 |
| A3-1-1-1-9 | sensocon, inc. | DISPL, 0.50\%, 15.OIN, ARCH, LCD, RLY, 4-20 MA | A3-1-1-1-09 | 1 | \$949.00 | 38\% | \$588.38 |
| A3-1-1-2-0 | sensocon, inc. | DISPL, $0.25 \%, 0.25 \mathrm{IN}$, ARCH, LCD, RLY, 4-20 MA | A3-1-1-2-00 | 1 | \$1,161.00 | 38\% | \$719.82 |
| A3-1-1-2-1 | sensocon, inc. | DISPL, 0.25\%, 0.50IN, ARCH, LCD, RLY, 4-20 MA | A3-1-1-2-01 | 1 | \$1,099.00 | 38\% | \$681.38 |
| A3-1-1-2-10 | SENSOCON, INC. | DISPL, 0.25\%, 20.OIN, ARCH, LCD, RLY, 4-20 MA | A3-1-1-2-10 | 1 | \$1,099.00 | 38\% | \$681.38 |
| A3-1-1-2-11 | SENSOCON, INC. | DISPL, 0.25\%, 30.0IN, ARCH, LCD, RLY, 4-20 MA | A3-1-1-2-11 | 1 | \$1,099.00 | 38\% | \$681.38 |
| A $3-1-1-2-12$ | sensocon, inc. | DISPL, 0.25\%, 40.0IN, ARCH, LCD, RLY, 4-20 MA | A3-1-1-2-12 | 1 | \$1,099.00 | 38\% | \$681.38 |
| A 3 -1-1-2-13 | sensocon, inc. | DISPL, 0.25\%, 50.0iN, ARCH, LCD, RLY, 4-20 MA | A3-1-1-2-13 | 1 | \$1,099.00 | 38\% | \$681.38 |
| A $3-1-1-2-2$ | sensocon, inc. | DISPL, 0.25\%, 1.0IN, ARCH, LCD, RLY, 4-20 MA | A3-1-1-2-02 | 1 | \$1,099.00 | 38\% | \$681.38 |
| A3-1-1-2-3 | sensocon, inc. | DISPL, 0.25\%, 2.0IN, ARCH, LCD, RLY, 4-20 MA | A3-1-1-2-03 | 1 | \$1,099.00 | 38\% | \$681.38 |
| A3-1-1-2-4 | sensocon, inc. | DISPL, 0.25\%, 3.OIN, ARCH, LCD, RLY, 4-20 MA | A3-1-1-2-04 | 1 | \$1,099.00 | 38\% | \$681.38 |
| A3-1-1-2-5 | sensocon, inc. | DISPL, 0.25\%, 4.OIN, ARCH, LCD, RLY, 4-20 MA | A3-1-1-2-05 | 1 | \$1,099.00 | 38\% | \$681.38 |
| A3-1-1-2-6 | sensocon, inc. | DISPL, 0.25\%, 5.OIN, ARCH, LCD, RLY, 4-20 MA | A3-1-1-2-06 | 1 | \$1,099.00 | 38\% | \$681.38 |
| A3-1-1-2-7 | sensocon, inc. | DISPL, 0.25\%, 8.OIN, ARCH, LCD, RLY, 4-20 MA | A3-1-1-2-07 | 1 | \$1,099.00 | 38\% | \$681.38 |
| A3-1-1-2-8 | sensocon, inc. | DISPL, 0.25\%, 10.OIN, ARCH, LCD, RLY, 4-20 MA | A3-1-1-2-08 | 1 | \$1,099.00 | 38\% | \$681.38 |
| A3-1-1-2-9 | sensocon, inc. | DISPL, 0.25\%, 15.OIN, ARCH, LCD, RLY, 4-20 MA | A3-1-1-2-09 | 1 | \$1,099.00 | 38\% | \$681.38 |
| A4-0-0-0.0 | sensocon, inc. | DISPLAY, 1\%, 0.25 IN, ARCH, OLED | A4-0-0-0-00 | 1 | \$718.00 | 38\% | \$445.16 |
| A4-0-0-0. | SEnsocon, inc. | DISPLAY, $1 \%$, 0.50 IN ( 125 PA), ARCH, OLED | A4-0-0-0-01 | 1 | \$655.00 | 38\% | \$406.10 |
| A $4-0 \cdot 0 \cdot 0-10$ | sensocon, inc. | DISPLAY, $1 \%, 20.0 \mathrm{ON}(5.0 \mathrm{KPA}$ ), ARCH, OLED | A4-0-0-0-10 | 1 | \$655.00 | 38\% | \$406.10 |
| A $40-0 \cdot 0 \cdot-11$ | sensocon, inc. | DISPLAY, $1 \%, 30.0 \mathrm{IN}$ ( 7.5 KPA ) , ARCH, OLED | A4-0-0-0-11 | 1 | \$655.00 | 38\% | \$406.10 |
| A $40-0 \cdot 0 \cdot-12$ | SEnsocon, inc. | DISPLAY, $1 \%$, 40.0 IN ( 10 KPA ), ARCH, OLED | A4-0-0-0-12 | 1 | \$655.00 | 38\% | \$406.10 |
| A $40-0 \cdot 0 \cdot 0-13$ | sensocon, inc. | DISPLAY, $1 \%$, 50.0 IN (12.5 KPA), ARCH, OLED | A4-0-0-0-13 | 1 | \$655.00 | 38\% | \$406.10 |
| A $40-0 \cdot 0 \cdot 0-2$ | sensocon, inc. | DISPLAY, $1 \%$, 1.OIN ( 250 PA), ARCH, OLED | A4-0-0-0-02 | 1 | \$655.00 | 38\% | \$406.10 |
| A4-0-0-0-3 | sensocon, inc. | DISPLAY, $1 \%$, 2.0 IN ( 500 PA ), ARCH, OLED | A4-0-0-0-03 | 1 | \$655.00 | 38\% | \$406.10 |
| A4-0-0-0.-4 | sensocon, inc. | DISPLAY, $1 \%$, 3.OIN (750 PA), ARCH, OLED | A4-0-0-0-04 | 1 | \$655.00 | 38\% | \$406.10 |
| A4-0-0-0-5 | sensocon, inc. | DISPLAY, $1 \%$, $4.0 \mathrm{IN}(1.0 \mathrm{KPA}$ ), ARCH, OLED | A4-0-0-0-05 | 1 | \$655.00 | 38\% | \$406.10 |
| A4-0-0-0-6 | SENSOCON, INC. | DISPLAY, 1\%, $5.0 \mathrm{IN}(1.25 \mathrm{KPA})$ ) ARCH, OLED | A4-0-0-0-06 | 1 | \$655.00 | 38\% | \$406.10 |
| A4-0-0-0.0 | sensocon, inc. | DISPLAY, $1 \%$, 8.OIN ( 2.0 KPA ), ARCH, OLED | A4-0-0-0-07 | 1 | \$655.00 | 38\% | \$406.10 |
| A4-0-0.0-8 | sensocon, inc. | DISPLAY, $1 \%, 10.0 \mathrm{IN}(2.5 \mathrm{KPA})$ ) ARCH, OLED | A4-0-0-0-0.08 | 1 | \$655.00 | 38\% | \$406.10 |
| A4-0-0-0.9 | sensocon, inc. | DISPLAY, $1 \%$, 15.01 IN (3.75 KPA), ARCH, OLED | A4-0-0-0-09 | 1 | \$655.00 | 38\% | \$406.10 |
| A4-0-0-1-0 | sensocon, inc. | DISPLAY, $0.50 \%, 0.025$ ( 60 PA), ARCH, OLED | A4-0-0-1-00 | 1 | \$870.00 | 38\% | \$539.40 |
| A4-0-0-1-1 | sensocon, inc. | DISPLAY, 0.50\%, 0.50IN ( 125 PA), ARCH, OLED | A4-0-0-1-01 | 1 | \$807.00 | 38\% | \$500.34 |
| A $4-0 \cdot 0-1-10$ | sensocon, inc. | DISPLAY, 0.50\%, 20.0in ( 5.0 KPA ), ARCH, OLED | A4-0-0-1-10 | 1 | \$807.00 | 38\% | \$500.34 |
| A4-0-0-1-11 | SENSOCON, INC. | DISPLAY, $0.50 \%$, 30.0IN ( 7.5 KPA ), ARCH, OLED | A4-0-0-1-11 | 1 | \$807.00 | 38\% | \$500.34 |
| A $40-0 \cdot-1-12$ | sensocon, inc. | DISPLAY, 0.50\%, 40.0IN (10 KPA), ARCH, OLED | A4-0-0-1-12 | 1 | \$807.00 | 38\% | \$500.34 |
| A4-0-0-1-13 | SEnsocon, inc. | DISPLAY, $0.50 \%$, 50.0 IN ( 12.5 KPA ), ARCH, OLED | A4-0-0-1-13 | 1 | \$807.00 | 38\% | \$500.34 |
| A $4-0 \cdot 0-1-2$ | sensocon, inc. | DISPLAY, $0.50 \%$, 1.0IN ( 250 PA), ARCH, OLED | A4-0-0-1-02 | 1 | \$807.00 | 38\% | \$500.34 |
| A4-0-0-0-3 | sensocon, inc. | DISPLAY, 0.50\%, 2.0IN (500 PA), ARCH, OLED | A4-0-0-1-03 | 1 | \$807.00 | 38\% | \$500.34 |
| A4-0-0-0-1-4 | sensocon, inc. | DISPLAY, 0.50\%, 3.0IN (750 PA), ARCH, OLED | A4-0-0-1-04 | 1 | \$807.00 | 38\% | \$500.34 |
| A4-0-0-1-5 | sensocon, inc. | DISPLAY, 0.50\%, 4.0IN ( 1.0 KPA ), ARCH, OLED | A4-0-0-1-05 | 1 | \$807.00 | 38\% | \$500.34 |
| A4-0-0-1-6 | sensocon, inc. | DISPLAY, 0.50\%, 5.OIN (1.25 KPA), ARCH, OLED | A4-0-0-1-06 | 1 | \$807.00 | 38\% | \$500.34 |
| A4-0-0-1-7 | SEnsocon, inc. | DISPLAY, $0.50 \%$, 8.OIN ( 2.0 KPA ), ARCH, OLED | A4-0-0-1-07 | 1 | \$807.00 | 38\% | \$500.34 |
| A4-0-0-1-8 | sensocon, inc. | DISPLAY, $0.50 \%$, 10.0in ( 2.5 KPA ) ARCH, OLED | A4-0-0-1-08 | 1 | \$807.00 | 38\% | \$500.34 |
| A4-0-0-0-19 | sensocon, inc. | DISPLAY, $0.50 \%$, 15.0in ( 3.75 KPA), ARCH, OLED | A4-0-0-1-09 | 1 | \$807.00 | 38\% | \$500.34 |
| A4-0-0-2-0 | sensocon, inc. | DISPLAY, $0.25 \%, 0.25$ IN ( 60 PA), ARCH, OLED | A4-0-0-2-00 | 1 | \$1,011.00 | 38\% | \$626.82 |
| A4-0-0-2-1 | sensocon, inc. | DISPLAY, $0.25 \%, 0.50$ IN ( 125 PA), ARCH, OLED | A4-0-0-2-01 | 1 | \$949.00 | 38\% | \$588.38 |
| A $40-0-2-2-10$ | sensocon, inc. | DISPLAY, 0.25\%, 20.0IN ( 5.0 KPA ), ARCH, OLED | A4-0-0-2-10 | 1 | \$949.00 | 38\% | \$588.38 |
| A4-0-0-2--11 | SENSOCON, INC. | DISPLAY, $0.25 \%, 30.0$ IN ( 7.5 KPA ), ARCH, OLED | A4-0-0-2-11 | 1 | \$949.00 | 38\% | \$588.38 |
| A4-0-0-2--12 | sensocon, inc. | DISPLAY, $0.25 \%$, 40.0IN ( 10 KPA ), ARCH, OLED | A4-0-0-2-12 | 1 | \$949.00 | 38\% | \$588.38 |
| A4-0-0-2-2-13 | sensocon, inc. | DISPLAY, $0.25 \%, 550.0 \mathrm{IN}$ ( 12.5 KPA ), ARCH, OLED | A4-0-0-2-13 | 1 | \$949.00 | 38\% | \$588.38 |
| A $40-0 \cdot 0-2-2$ | sensocon, inc. | DISPLAY, $0.25 \%$, 1.0IN ( 250 PA), ARCH, OLED | A4-0-0-2-02 | 1 | \$949.00 | 38\% | \$588.38 |
| A4-0-0-0-3 | sensocon, inc. | DISPLAY, 0.25\%, 2.0in ( 500 PA), ARCH, OLED | A4-0-0-2-03 | 1 | \$949.00 | 38\% | \$588.38 |
| A4-0-0-0-4 | sensocon, inc. | DISPLAY, 0.25\%, 3.0IN (750 PA), ARCH, OLED | A4-0-0-2-04 | 1 | \$949.00 | 38\% | \$588.38 |
| A4-0-0-0-5 | SEnsocon, inc. | DISPLAY, 0.25\%, 4.0IN ( 1.0 K PA ), ARCH, OLED | A4-0-0-2-05 | 1 | \$949.00 | 38\% | \$588.38 |
| A4-0-0-2-6 | SENSOCON, INC. | DISPLAY, $0.25 \%$, 5.OIN ( 1.25 KPA), ARCH, OLED | A4-0-0-2-06 | 1 | \$949.00 | 38\% | \$588.38 |
| A4-0-0-2-7 | sensocon, inc. | DISPLAY, $0.25 \%$, 8.OIN ( 2.0 KPA ), ARCH, OLED | A4-0-0-2-07 | 1 | \$949.00 | 38\% | \$588.38 |
| A4-0-0-2-8 | SEnsocon, inc. | DISPLAY, $0.25 \%$, 10.0in ( 2.5 KPA ), ARCH, OLED | A4-0-0-2-08 | 1 | \$949.00 | 38\% | \$588.38 |
| A4-0-0-2-9 | sensocon, inc. | display , $0.25 \%$, 15.0IN ( 3.75 KPA), ARCH, OLED | A4-0-0-2-09 | 1 | \$949.00 | 38\% | \$588.38 |
| A4-0-1-0-0 | sensocon, inc. | DISPLAY, $1 \%, 0.25$ IN ( 60 PA), ARCH, OLED, 4-20 MA | A4-0-1-0-00 | 1 | \$870.00 | 38\% | \$539.40 |
| A4-0-1-0-1 | sensocon, inc. | DISPLAY, $1 \%$, 0.50IN ( 125 PA), ARCH, OLED, 4-20 MA | A4-0-1-0-01 | 1 | \$807.00 | 38\% | \$500.34 |
| A4-0-1-0-10 | sensocon, inc. | DISPLAY, $1 \%$, 20.OIN ( 5.0 KPA ), ARCH, OLED, 4-20 MA | A4-0-1-0-10 | 1 | \$807.00 | 38\% | \$500.34 |
| A4-0-1-0-11 | SENSOCON, INC. | DISPLAY, 1\%, 30.0 IN ( 7.5 KPA ), ARCH, OLED, 4-20 MA | A4-0-1-0-11 | 1 | \$807.00 | 38\% | \$500.34 |
| A $40-1 \cdot-0-12$ | SENSOCON, INC. | DISPLAY, $1 \%$, 40.0 IN ( 10 KPA ), ARCH, OLED, 4-20 MA | A4-0-1-0-12 | 1 | \$807.00 | 38\% | \$500.34 |
| A4-0-1-0-13 | sensocon, inc. | DISPLAY, $1 \%$, $50.0 \mathrm{OIN}(12.5 \mathrm{KPA}$ ), ARCH, OLED, 4-20 | A4-0-1-0-13 | 1 | \$807.00 | 38\% | \$500.34 |
| A4-0-1-0-2 | sensocon, inc. | DISPLAY, $1 \%$, 1.OIN ( 250 PA), ARCH, OLED, 4-20 MA | A4-0-1-0-02 | 1 | \$807.00 | 38\% | \$500.34 |
| A4-0-1-0-3 | sensocon, inc. | DISPLAY, $1 \%$, 2.OIN ( 500 PA ), ARCH, OLED, 4-20 MA | A4-0-1-0-03 | 1 | \$807.00 | 38\% | \$500.34 |
| A4-0-1-0-4 | sensocon, inc. | DISPLAY, $1 \%, 3.0 \mathrm{OIN}$ ( 750 PA), ARCH, OLED, 4-20 MA | A4-0-1-0-04 | 1 | \$807.00 | 38\% | \$500.34 |
| A4-0-1-0-5 | sensocon, inc. | DISPLAY, $1 \%$, 4.OIN ( 1.0 KPA ), ARCH, OLED, 4-20 MA | A4-0-1-0-05 | 1 | \$807.00 | 38\% | \$500.34 |
| A4-0-1-0-6 | SENSOCON, INC. | DISPLAY, 1\%, 5.OIN (1.25 KPA), ARCH, OLED, 4-20 MA | A4-0-1-0-06 | 1 | \$807.00 | 38\% | \$500.34 |
| A4-0-1-0.7 | sensocon, inc. | DISPLAY, $1 \%$, 8.OIN ( 2.0 KPA ), ARCH, OLED, 4-20 MA | A4-0-1-0-07 | 1 | \$807.00 | 38\% | \$500.34 |
| A4-0-1-0-8 | sensocon, inc. | DISPLAY, $1 \%$, 10.OIN ( 2.5 KPA ), ARCH, OLED, 4-20 MA | A4-0-1-0-08 | 1 | \$807.00 | 38\% | \$500.34 |
| A4-0-1-0.9 | sensocon, inc. | DISPLAY, $1 \%$, 15.0 IN ( 3.75 KPA ), ARCH, OLED, 4-20 | A4-0-1-0-09 | 1 | \$807.00 | 38\% | \$500.34 |
| A4-0-1-1-0 | sensocon, inc. | DISPLAY, 0.50\%, 0.25IN ( 60 PA), ARCH, OLED, 4-20 | A4-0-1-1-00 | 1 | \$1,011.00 | 38\% | \$626.82 |
| A4-0-1-1-1 | sensocon, inc. | DISPLAY, 0.50\%, 0.50IN, ARCH, OLED, 4-20 MA | A4-0-1-1-01 | 1 | \$949.00 | 38\% | \$588.38 |
| A $4-0-1-1-10$ | SEnsocon, inc. | DISPL, $0.50 \%$, 20.0IN ( 5.0 KPA), ARCH, OLED, 4-20 | A4-0-1-1-10 | 1 | \$949.00 | 38\% | \$588.38 |
| A4-0-1-1-11 | SENSOCON, INC. | DISPL, 0.50\%, 30.0IN (7.5 KPA), ARCH, OLED, 4-20 | A4-0-1-1-11 | 1 | \$949.00 | 38\% | \$588.38 |
| A4-0-1-1-12 | sensocon, inc. | DISPL, 0.50\%, 40.0IN (10 KPA), ARCH, OLED, 4-20 MA | A4-0-1-1-12 | 1 | \$949.00 | 38\% | \$588.38 |
| A4-0-1-1-13 | SENSOCON, inc. | DISPL, $0.50 \%$, 50.OIN, ARCH, OLED, 4-20 MA | A4-0-1-1-13 | 1 | \$949.00 | 38\% | \$588.38 |
| A4-0-1-1-2 | sensocon, inc. | DISPLAY, 0.50\%, 1.0IN (250 PA), ARCH, OLED, 4-20 | A4-0-1-1-02 | 1 | \$949.00 | 38\% | \$588.38 |
| A4-0-1-1-3 | sensocon, inc. | DISPLAY, 0.50\%, 2.OIN ( 500 PA), ARCH, OLED, 4-20 | A4-0-1-1-03 | 1 | \$949.00 | 38\% | \$588.38 |
| A4-0-1-1-4 | sensocon, inc. | DISPLAY, 0.50\%, 3.0IN (750 PA), ARCH, OLED, 4-20 | A4-0-1-1-04 | 1 | \$949.00 | 38\% | \$588.38 |
| A4-0-1-1-6 | SEnsocon, inc. | DISPL, $0.50 \%$, 5.OIN ( 1.25 KPA ), ARCH, OLED, 4-20 | A4-0-1-1-06 | 1 | \$949.00 | 38\% | \$588.38 |
| A4-0-1-1-7 | SENSOCON, INC. | DISPL, 0.50\%, 8.0IN ( 2.0 KPA ), ARCH, OLED, 4-20 MA | A4-0-1-1-07 | 1 | \$949.00 | 38\% | \$588.38 |
| A4-0-1-1-8 | sensocon, inc. | DISPL, $0.50 \%$, 10.0in ( 2.5 KPA ), ARCH, OLED, 4-20 | A4-0-1-1-08 | 1 | \$949.00 | 38\% | \$588.38 |
| A4-0-1-1-9 | SEnsocon, inc. | DISPL, $0.50 \%$, 15.OIN, ARCH, OLED, 4-20 MA | A4-0-1-1-09 | 1 | \$949.00 | 38\% | \$588.38 |
| A4-0-1-2-0 | sensocon, inc. | DISPL, 0.25\%, 0.25 IN ( 60 PA), ARCH, OLED, 4-20 MA | A4-0-1-2-00 | 1 | \$1,161.00 | 38\% | \$719.82 |
| A4-0-1-2-1 | sensocon, inc. | DISPL, 0.25\%, 0.50IN (125 PA), ARCH, OLED, 4-20 MA | A4-0-1-2-01 | 1 | \$1,099.00 | 38\% | \$681.38 |
| A4-0-1-2-10 | sensocon, inc. | DISPL, 0.25\%, 20.0IN ( 5.0 KPA ), ARCH, OLED, 4-20 | A4-0-1-2-10 | 1 | \$1,099.00 | 38\% | \$681.38 |
| A4-0-1-2-11 | sensocon, inc. | DISPL, 0.25\%, 30.0IN (7.5 KPA), ARCH, OLED, 4-20 | A4-0-1-2-11 | 1 | \$1,099.00 | 38\% | \$681.38 |
| A4-0-1-2-12 | sensocon, inc. | DISPL, 0.25\%, 40.0IN (10 KPA), ARCH, OLED, 4-20 MA | A4-0-1-2-12 | 1 | \$1,099.00 | 38\% | \$681.38 |
| A4-0-1-2-13 | SENSOCON, INC. | DISPL, 0.25\%, 50.OIN, ARCH, OLED, 4-20 MA | A4-0-1-2-13 | 1 | \$1,099.00 | 38\% | \$681.38 |
| A4-0-1-2-2 | sensocon, inc. | DISPL, $0.25 \%$, 1.OIN ( 250 PA), ARCH, OLED, 4-20 MA | A4-0-1-2-02 | 1 | \$1,099.00 | 38\% | \$681.38 |
| A4-0-1-2-3 | SENSOCON, inc. | DISPL, 0.25\%, 2.0IN (500 PA), ARCH, OLED, 4-20 MA | A4-0-1-2-03 | 1 | \$1,099.00 | 38\% | \$681.38 |
| A4-0-1-2-4 | sensocon, inc. | DISPL, 0.25\%, 3.0IN (750 PA), ARCH, OLED, 4-20 MA | A4-0-1-2-04 | 1 | \$1,099.00 | 38\% | \$681.38 |
| A4-0-1-2-5 | sensocon, inc. | DISPL, 0.25\%, 4.0IN (1.0 K PA), ARCH, OLED, 4-20 | A4-0-1-2-05 | 1 | \$1,099.00 | 38\% | \$681.38 |
| A4-0--1-2-6 | sensocon, inc. | DISPL, 0.25\%, 5.OIN (1.25 KPA), ARCH, OLED, 4-20 | A4-0-1-2-06 | 1 | \$1,099.00 | 38\% | \$681.38 |
| A4-0-1-2-7 | SENSOCON, INC. | DISPL, 0.25\%, 8.OIN (2.0 KPA), ARCH, OLED, 4-20 MA | A4-0-1-2-07 | 1 | \$1,099.00 | 38\% | \$681.38 |
| A4-0-1-2-8 | SENSOCON, INC. | DISPL, $0.25 \%, 10.01 \mathrm{IN}$ ( 2.5 KPA ), ARCH, OLED, 4-20 | A4-0-1-2-08 | 1 | \$1,099.00 | 38\% | \$681.38 |
| A4-0-1-2-9 | sensocon, inc. | DISPL, 0.25\%, 15.0IN, ARCH, OLED, 4-20 MA | A4-0-1-2-09 | 1 | \$1,099.00 | 38\% | \$681.38 |
| A4-1-0-0.0 | sensocon, inc. | DISP, $1 \%$, 0.25 IN ( 60 PA), ARCH, OLED, RELAY | A4-1-0-0-00 | 1 | \$819.00 | 38\% | \$507.78 |
| A4-1-0-0-1 | sensocon, inc. | DISP, 1\%, 0.50 IN ( 125 PA ), ARCH, OLED, RELAY | A4-1-0-0-01 | 1 | \$756.00 | 38\% | \$468.72 |
| A $4-1-0 \cdot 0-10$ | sensocon, inc. | DISP, $1 \%$, 20.0IN ( 5.0 KPA ), ARCH, OLED, RELAY | A4-1-0-0-10 | 1 | \$756.00 | 38\% | \$468.72 |
| A4-1-0-0-0-11 | SEnsocon, inc. | DISP, 1\%, 330.0IN ( 7.5 KPA ), ARCH, OLED, RELAY | A4-1-0-0-11 | 1 | \$756.00 | 38\% | \$468.72 |
| A $4-1-0 \cdot 0-12$ | Sensocon, inc. | disp, 1\%, 40.0in ( 10 KPA ), ARCH, OLED, RELAY | A4-1-0-0-12 | 1 | \$756.00 | 38\% | \$468.72 |

The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and in integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Istalled], Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain pro platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned instalation, systems integration, or mainten er of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs owers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not imited to
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens Displays, etc).

A physical security and faciity system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' $\mathbf{l}$ location in the event of a fire or emergency.

|  | wer | Product Desaripion |  | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54 " | List Price | \% Disoount | NYS Nal Picee |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A4-1-0-0-13 | SENSOCON, INC. | DISP, 1\%, 50.0IN (12.5 KPA), ARCH, OLED, RELAY | A4-1-0-0-13 | 1 | \$756.00 | 38\% | \$468.72 |
| A4-1-0-0-2 | SENSOCON, INC. | DISP, $1 \%$, 1.OIN (250 PA), ARCH, OLED, RELAY | A4-1-0-0.02 | 1 | \$756.00 | 38\% | \$468.72 |
| A4-1-0-0-3 | SENSOCON, INC. | DISP, $1 \%$, 2.OIN ( 500 PA), ARCH, OLED, RELAY | A4-1-0-0.03 | 1 | \$756.00 | 38\% | \$468.72 |
| A4-1-0-0-4 | SENSOCON, INC. | DISP, 1\%, 3.OIN (750 PA), ARCH, OLED, RELAY | A4-1-0-0.04 | 1 | \$756.00 | 38\% | \$468.72 |
| A4-1-0-0-5 | SENSOCON, inc. | DISP, 1\%, 4.OIN ( 1.0 KPA ), ARCH, OLED, RELAY | A4-1-0-0-05 | 1 | \$756.00 | 38\% | \$468.72 |
| A4-1-0-0-6 | SENSOCON, INC. | DISP, 1\%, 5.OIN ( 1.25 KPA ), ARCH, OLED, RELAY | A4-1-0-0.06 | 1 | \$756.00 | 38\% | \$468.72 |
| A4-1-0-0.7 | sensocon, inc. | DISP, 1\%, 8.OIN (2.0 KPA), ARCH, OLED, RELAY | A4-1-0-0.07 | 1 | \$756.00 | 38\% | \$468.72 |
| A4-1-0-0-8 | SENSOCON, inc. | disp, $1 \%$, 10.OIN ( 2.5 KPA ), ARCH, OLED, RELAY | A4-1-0-0-08 | 1 | \$756.00 | 38\% | \$468.72 |
| A4-1-0-0.9 | SENSOCON, INC. | DISP, $1 \%$, 15.0 IN ( 3.75 KPA ), ARCH, OLED, RELAY | A4-1-0-0-09 | 1 | \$756.00 | 38\% | \$468.72 |
| A4-1-0-1-0 | sensocon, inc. | DISP, $0.50 \%, 0.25$ In ( 60 PA), ARCH, OLED, RELAY | A4-1-0-1-00 | 1 | \$961.00 | 38\% | \$595.82 |
| A4-1-0-1-1 | sensocon, inc. | DISP, 0.50\%, 0.50IN (125 PA), ARCH, OLED, RELAY | A4-1-0-1-01 | 1 | \$907.00 | 38\% | \$562.34 |
| A4-1-0-1-10 | SENSOCON, INC. | DISP, $0.50 \%$, 20.0 IN ( 5.0 KPA ), ARCH, OLED, RELAY | A4-1-0-1-10 | 1 | \$907.00 | 38\% | \$562.34 |
| A4-1-0-1-11 | SENSOCON, INC. | DISP, $0.50 \%$, 30.0IN (7.5 KPA), ARCH, OLED, RELAY | A4-1-0-1-11 | 1 | \$907.00 | 38\% | \$562.34 |
| A4-1-0-1-12 | SENSOCON, INC. | DISP, 0.50\%, 40.0IN (10 KPA), ARCH, OLED, RELAY | A4-1-0-1-12 | 1 | \$907.00 | 38\% | \$562.34 |
| A4-1-0-1-13 | SENSOCON, INC. | DISP, $0.50 \%$, 50.0 OIN ( 12.5 KPA ), ARCH, OLED, RELAY | A4-1-0-1-13 | 1 | \$907.00 | 38\% | \$562.34 |
| A $4-1-0-1-2$ | SENSOCON, INC. | DISP, 0.50\%, 1.0in ( 250 PA), ARCH, OLED, RELAY | A4-1-0-1-02 | 1 | \$907.00 | 38\% | \$562.34 |
| A4-1-0-1-3 | sensocon, inc. | DISP, 0.50\%, 2.0in ( 500 PA ), ARCH, OLED, RELAY | A4-1-0-1-03 | 1 | \$907.00 | 38\% | \$562.34 |
| A4-1-0-1-4 | sensocon, inc. | DISP, 0.50\%, 3.0iN (750 PA), ARCH, OLED, RELAY | A4-1-0.-1-04 | 1 | \$907.00 | 38\% | \$562.34 |
| A4-1-0-1-5 | SENSOCON, INC. | DISP, $0.50 \%$, 4.0 In ( 1.0 KPA ), ARCH, OLED, RELAY | A4-1-0-1-05 | 1 | \$907.00 | 38\% | \$562.34 |
| A4-1-0-1-6 | SENSOCON, INC. | DISP, $0.50 \%$, 5.OIN ( 1.25 KPA ), ARCH, OLED, RELAY | A4-1-0-1-06 | 1 | \$907.00 | 38\% | \$562.34 |
| A4-1-0-1-7 | SENSOCON, INC. | DISP, 0.50\%, 8.OIN (2.0 KPA), ARCH, OLED, RELAY | A4-1-0-1-07 | 1 | \$907.00 | 38\% | \$562.34 |
| A4-1-0-1-8 | SENSOCON, INC. | DISP, $0.50 \%$, 10.0IN ( 2.5 KPA ) , ARCH, OLED, RELAY | A4-1-0-1-08 | 1 | \$907.00 | 38\% | \$562.34 |
| A4-1-0-1-9 | SENSOCON, inc. | DISP, 0.50\%, 15.0IN ( 3.75 KPA ), ARCH, OLED, RELAY | A4-1-0-1-09 | 1 | \$907.00 | 38\% | \$562.34 |
| A4-1-0-2-0 | SENSOCON, INC. | DISP, $0.25 \%, 0.25$ In ( 60 PA), ARCH, OLED, RELAY | A4-1-0-2-00 | 1 | \$1,111.00 | 38\% | \$688.82 |
| A4-1-0-2-1 | sensocon, inc. | DISP, $0.25 \%, 0.50$ IN ( 125 PA), ARCH, OLED, RELAY | A4-1-0-2-01 | 1 | \$1,049.00 | 38\% | \$650.38 |
| A4-1-0-2-10 | SENSOCON, inc. | DISP, $0.25 \%, 20.0$ IN ( 5.0 KPA ), ARCH, OLED, RELAY | A4-1-0-2-10 | 1 | \$1,049.00 | 38\% | \$650.38 |
| A4-1-0-2-11 | SENSOCON, INC. | DISP, $0.25 \%, 30.0 \mathrm{IN}$ ( 7.5 KPA ) , ARCH, OLED, RELAY | A4-1-0-2-11 | 1 | \$1,049.00 | 38\% | \$650.38 |
| A4-1-0-2-12 | SENSOCON, INC. | DISP, $0.25 \%$, 40.0IN ( 10 KPA), ARCH, OLED, RELAY | A4-1-0-2-12 | 1 | \$1,049.00 | 38\% | \$650.38 |
| A4-1-0-2-13 | SENSOCON, INC. | DISP, $0.25 \%$, 50.0 OIN ( 12.5 KPA ), ARCH, OLED, RELAY | A4-1-0-2-13 | 1 | \$1,049.00 | 38\% | \$650.38 |
| A4-1-0-2-2 | SENSOCON, INC. | DISP, 0.25\%, 1.0IN ( 250 PA), ARCH, OLED, RELAY | A4-1-0-2-02 | 1 | \$1,049.00 | 38\% | \$650.38 |
| A4-1-0-2-3 | SENSOCON, INC. | DISP, $0.25 \%$, 2.OIN ( 500 PA), ARCH, OLED, RELAY | A4-1-0-2-03 | 1 | \$1,049.00 | 38\% | \$650.38 |
| A4-1-0-2-4 | sensocon, inc. | disp, $0.25 \%$, 3.0in ( 750 PA), ARCH, OLED, RELAY | A4-1-0-2-04 | 1 | \$1,049.00 | 38\% | \$650.38 |
| A4-1-0-2-5 | SENSOCON, INC. | DISP, $0.25 \%$, 4.OIN ( 1.0 KPA ), ARCH, OLED, RELAY | A4-1-0-2-05 | 1 | \$1,049.00 | 38\% | \$650.38 |
| A4-1-0-2-6 | SENSOCON, INC. | DISP, $0.25 \%$, 5.0IN ( 1.25 KPA ) , ARCH, OLED, RELAY | A4-1-0-2-06 | 1 | \$1,049.00 | 38\% | \$650.38 |
| A4-1-0-2-7 | SENSOCON, INC. | DISP, 0.25\%, 8.OIN (2.0 KPA), ARCH, OLED, RELAY | A4-1-0-2-07 | 1 | \$1,049.00 | 38\% | \$650.38 |
| A4-1-0-2-8 | SENSOCON, INC. | DISPP, $0.25 \%$, 10.0IN ( 2.5 KPA ) , ARCH, OLED, RELAY | A4-1-0-2-08 | 1 | \$1,049.00 | 38\% | \$650.38 |
| A4-1-0-2-9 | SENSOCON, INC. | DISP, 0.25\%, 15.OIN (3.75 KPA), ARCH, OLED, RELAY | A4-1-0-2-09 | 1 | \$1,049.00 | 38\% | \$650.38 |
| A4-1-1-0-0 | sensocon, inc. | DISP, 1\%, 0.25 IN ( 60 PA), ARCH, OLED, RLY, 4-20 MA | A4-1-1-0-00 | 1 | \$961.00 | 38\% | \$595.82 |
| A $4-1-1-0-1$ | sensocon, inc. | DISP, 1\%, 0.50IN, ARCH, OLED, RLY, 4-20 MA | A4-1-1-0-01 | 1 | \$907.00 | 38\% | \$562.34 |
| A $4-1-1-0-10$ | SENSOCON, INC. | Disp, $1 \%, 20.0 \mathrm{IN}$, ARCH, OLED, RLY, 4-20 MA | A4-1-1-0-10 | 1 | \$907.00 | 38\% | \$562.34 |
| A4-1-1-0-11 | SENSOCON, INC. | DISP, 1\%, 30.OIN, ARCH, OLED, RLY, 4-20 MA | A4-1-1-0-11 | 1 | \$907.00 | 38\% | \$562.34 |
| A4-1-1-0-12 | SENSOCON, INC. | DISP, 1\%, 40.OIN (10 KPA), ARCH, OLED, RLY, 4-20 | A4-1-1-0-12 | 1 | \$907.00 | 38\% | \$562.34 |
| A $4-1-1-0 \cdot 13$ | SENSOCON, INC. | DISP, 1\%, 50.OIN, ARCH, OLED, RLY, 4-20 MA | A4-1-1-0-13 | 1 | \$907.00 | 38\% | \$562.34 |
| A $4-1-1-0-2$ | SENSOCON, inc. | DISP, 1\%, 1.0IN (250 PA), ARCH, OLED, RLY, 4-20 MA | A4-1-1-0.02 | 1 | \$907.00 | 38\% | \$562.34 |
| A4-1-1-0-3 | SENSOCON, INC. | DISP, $1 \%$, 2.OIN ( 500 PA), ARCH, OLED, RLY, 4-20 MA | A4-1-1-0-03 | 1 | \$907.00 | 38\% | \$562.34 |
| A4-1-1-0-4 | sensocon, inc. | Disp, $1 \%, 3.3$ IIN (750 PA), ARCH, OLED, RLY, 4-20 MA | A4-1-1-0.04 | 1 | \$907.00 | 38\% | \$562.34 |
| A4-1-1-0-5 | sensocon, inc. | DISP, 1\%, 4.OIN, ARCH, OLED, RLY, 4-20 MA | A4-1-1-0-05 | 1 | \$907.00 | 38\% | \$562.34 |
| A4-1-1-0-6 | sensocon, inc. | DISP, 1\%, 5.OIN, ARCH, OLED, RLY, 4-20 MA | A $4 \cdot 1-1-0.06$ | 1 | \$907.00 | 38\% | \$562.34 |
| A4-1-1-0-7 | SENSOCON, INC. | DISP, 1\%, 8.OIN, ARCH, OLED, RLY, 4-20 MA | A4-1-1-0-07 | 1 | \$907.00 | 38\% | \$562.34 |
| A4-1-1-0-8 | SENSOCON, INC. | DISP, 1\%, 10.OIN, ARCH, OLED, RLY, 4-20 MA | A4-1-1-0-08 | 1 | \$907.00 | 38\% | \$562.34 |
| A4-1-1-0-9 | SENSOCON, INC. | DISP, 1\%, 15.OIN, ARCH, OLED, RLY, 4-20 MA | A4-1-1-0-09 | 1 | \$907.00 | 38\% | \$562.34 |
| A4-1-1-1-0 | SENSOCON, INC. | DISP, 0.50\%, 0.25IN, ARCH, OLED, RLY, 4-20 MA | A4-1-1-1-00 | 1 | \$1,111.00 | 38\% | \$688.82 |
| A4-1-1-1-1 | sensocon, inc. | DISP, 0.50\%, 0.50IN, ARCH, OLED, RLY, 4-20 MA | A4-1-1-1-01 | 1 | \$1,049.00 | 38\% | \$650.38 |
| A $4-1-1-1-10$ | sensocon, inc. | DISLL, $0.55 \%$, 20.OIN, ARCH, OLED, RLY, 4-20 MA | A $4 \cdot 1-1-1-10$ | 1 | \$1,049.00 | 38\% | \$650.38 |
| A $4-1-1-1-11$ | sensocon, inc. | DISPL, $0.50 \%$, 30.0IN, ARCH, OLED, RLY, 4-20 MA | A $4 \cdot 1-1-1-11$ | 1 | \$1,049.00 | 38\% | \$650.38 |
| A4-1-1-1-12 | SENSOCON, INC. | DISPL, $0.50 \%$, 40.OIN, ARCH, OLED, RLY, 4-20 MA | A4-1-1-1-12 | 1 | \$1,049.00 | 38\% | \$650.38 |
| A4-1-1-1-13 | SENSOCON, INC. | DISPL, $0.50 \%$, 50.0 IN, ARCH, OLED, RLY, 4-20 MA | A4-1-1-1-13 | 1 | \$1,049.00 | 38\% | \$650.38 |
| A4-1-1-1-2 | SENSOCON, INC. | DISP, $0.55 \%$, 1.0IN, ARCH, OLED, RLY, 4-20 MA | A4-1-1-1-02 | 1 | \$1,049.00 | 38\% | \$650.38 |
| A4-1-1-1-3 | SENSOCON, inc. | DISP, $0.50 \%$, 2.OIN, ARCH, OLED, RLY, 4-20 MA | A4-1-1-1-03 | 1 | \$1,049.00 | 38\% | \$650.38 |
| A4-1-1-1-4 | SENSOCON, INC. | DISP, $0.50 \%$, 3.OIN, ARCH, OLED, RLY, 4-20 MA | A4-1-1-1-04 | 1 | \$1,049.00 | 38\% | \$650.38 |
| A4-1-1-1-5 | sensocon, inc. | DISPL, 0.50\%, 4.0IN, ARCH, OLED, RLY, 4-20 MA | A4-1-1-1-05 | 1 | \$1,032.00 | 38\% | \$639.84 |
| A4-1-1-1-1-6 | sensocon, inc. | DISPL, 0.50\%, 5.OIN, ARCH, OLED, RLY, 4-20 MA | A4-1-1-1-06 | 1 | \$1,049.00 | 38\% | \$650.38 |
| A4-1-1-1-7 | SENSOCON, INC. | DISPL, 0.50\%, 8.OIN, ARCH, OLED, RLY, 4-20 MA | A4-1-1-1-07 | 1 | \$1,049.00 | 38\% | \$650.38 |
| A4-1-1-1-8 | SENSOCON, INC. | DISPL, $0.50 \%$, 10.OIN, ARCH, OLED, RLY, 4-20 MA | A4-1-1-1-08 | 1 | \$1,049.00 | 38\% | \$650.38 |
| A4-1-1-1-9 | SENSOCON, inc. | DISLL, $0.50 \%$, 15.OIN, ARCH, OLED, RLY, 4-20 MA | A4-1-1-1-09 | 1 | \$1,049.00 | 38\% | \$650.38 |
| A4-1-1-2-0 | SENSOCON, INC. | DISPL, $0.25 \%, 0.25 \mathrm{IN}$, ARCH, OLED, RLY, 4-20 MA | A4-1-1-2-00 | 1 | \$1,261.00 | 38\% | \$781.82 |
| A4-1-1-2-1 | sensocon, inc. | DISLL, $0.25 \%$, 0.50IN, ARCH, OLED, RLY, 4-20 MA | A4-1-1-2-01 | 1 | \$1,211.00 | 38\% | \$750.82 |
| A4-1-1-2-10 | sensocon, inc. | DISPL, $0.25 \%$, 20.OIN, ARCH, OLED, RLY, 4-20 MA | A4-1-1-2-10 | 1 | \$1,211.00 | 38\% | \$750.82 |
| A $4 \cdot 1-1-2-11$ | SENSOCON, INC. | DISPL, $0.25 \%, 30.0 \mathrm{IN}$, ARCH, OLED, RLY, 4-20 MA | A4-1-1-2-11 | 1 | \$1,211.00 | 38\% | \$750.82 |
| A4-1-1-2-12 | SENSOCON, INC. | DISPL, $0.25 \%$, 40.OIN, ARCH, OLED, RLY, 4-20 MA | A4-1-1-2-12 | 1 | \$1,211.00 | 38\% | \$750.82 |
| A4-1-1-2-13 | SENSOCON, INC. | DISPL, $0.25 \%$, 50.OIN, ARCH, OLED, RLY, 4-20 MA | A4-1-1-2-13 | 1 | \$1,211.00 | 38\% | \$750.82 |
| A4-1-1-2-2 | SENSOCON, inc. | DISPL, $0.25 \%, 1.0 \mathrm{IN}, \mathrm{ARCH}, \mathrm{OLED}, \mathrm{RLY}, 4-20 \mathrm{MA}$ | A4-1-1-2-02 | 1 | \$1,211.00 | 38\% | \$750.82 |
| A4-1-1-2-3 | SENSOCON, INC. | DISPL, 0.25\%, 2.0IN, ARCH, OLED, RLY, 4-20 MA | A4-1-1-2-03 | 1 | \$1,211.00 | 38\% | \$750.82 |
| A4-1-1-2-4 | sensocon, inc. | DISPL, 0.25\%, 3.0IN, ARCH, OLED, RLY, 4-20 MA | A4-1-1-2-04 | 1 | \$1,211.00 | 38\% | \$750.82 |
| A4-1-1-2-5 | sensocon, inc. | DISPL, 0.25\%, 4.0IN, ARCH, OLED, RLY, 4-20 MA | A4-1-1-2-05 | 1 | \$1,211.00 | 38\% | \$750.82 |
| A $4-1-1-2-6$ | SENSOCON, INC. | DISPL, 0.25\%, 5.OIN, ARCH, OLED, RLY, 4-20 MA | A4-1-1-2-06 | 1 | \$1,211.00 | 38\% | \$750.82 |
| A4-1-1-2-7 | SENSOCON, INC. | DISPL, 0.25\%, 8.OIN, ARCH, OLED, RLY, 4-20 MA | A4-1-1-2-07 | 1 | \$1,211.00 | 38\% | \$750.82 |
| A4-1-1-2-8 | SENSOCON, INC. | DISPL, $0.25 \%$, 10.OIN, ARCH, OLED, RLY, 4-20 MA | A4-1-1-2-08 | 1 | \$1,211.00 | 38\% | \$750.82 |
| A4-1-1-2-9 | SENSOCON, INC. | DISPL, $0.25 \%$, 15.OIN, ARCH, OLED, RLY, 4-20 MA | A4-1-1-2-09 | 1 | \$1,211.00 | 38\% | \$750.82 |
| K2000-0 | SENSOCON, inc. | diff PRESSURE GAUGE, Sinwc | K2000-0 | 1 | \$54.20 | 38\% | \$33.60 |
| K2000-00 | SENSOCON, INC. | DIFF PRESSURE GAUGE, .25inWC | K2000-00 | 1 | \$58.92 | 38\% | \$36.53 |
| K2000-00D | SENSOCON, INC. | DIFF PRESSURE GAUGE, DUAL SCALE, , 25inWC/60PA | K2000-00D | 1 | \$172.00 | 38\% | \$106.64 |
| K2000-0D | SENSOCON, INC. | DIFF PRESSURE GAUGE, DUAL SCALE, SinWC/125PA | K2000-0D | 1 | \$158.00 | 38\% | \$97.96 |
| K2001 | SENSOCON, INC. | DiFF PRESSURE GAUGE, linWC | K2001 | 1 | \$54.20 | 38\% | \$33.60 |
| K2001D | SENSOCON, INC. | DIFF PRESSURE GAUGE, DUAL SCALE, 1inWC/250PA | K2001D | 1 | \$158.00 | 38\% | \$97.96 |
| ${ }^{12002}$ | SENSOCON, INC. | DIFF PRESSURE GAUGE, 2inwC | ${ }^{\text {K2002 }}$ | 1 | \$54.20 | 38\% | \$33.60 |
| K2002D | SENSOCON, inc. | Diff Pressure Gauge, dual scale, zinWC/500pA | K2002D | 1 | \$158.00 | 38\% | \$97.96 |
| K2003 | SENSOCON, INC. | DIFF PRESSURE GAUGE, 3inWC | K2003 | 1 | \$54.20 | 38\% | \$33.60 |
| K2003D | SENSOCON, INC. | DIFF PRESSURE GAUGE, DUAL SCALE, 3inWC/750PA | K2003D | 1 | \$154.00 | 38\% | \$95.48 |
| K2004 | SENSOCON, INC. | DIFF PRESSURE GAUGE,4inWC | K2004 | 1 | \$54.20 | 38\% | \$33.60 |
| K2004D | SENSOCON, INC. | DIFF PRESSURE GAUGE, DUAL SCALE, 4inWC/1000PA | K2004D | 1 | \$158.00 | 38\% | \$97.96 |
| K2005 | SENSOCON, INC. | diff PRESSURE GAUGE, SinWC | K2005 | 1 | \$54.20 | 38\% | \$33.60 |
| ${ }^{\text {K2006 }}$ | SENSOCON, INC. | DIFF PRESSURE GAUGE, , inWC | K2006 | 1 | \$54.20 | 38\% | \$33.60 |
| K2006D | SENSOCON, INC. | DIFF PRESSURE GAUGE, DUAL SCALE, 6inWC/1.5KPA | K2006D | 1 | \$158.00 | 38\% | \$97.96 |
| K2008 | sensocon, inc. | diff Pressure gauge, sinwc | K2008 | 1 | \$54.20 | 38\% | \$33.60 |
| K2008D | sensocon, inc. | DIfF Pressure gauge, dual scale, 8inwc/2kPa | K2008D | 1 | \$158.00 | 38\% | \$97.96 |
| K2010 | SENSOCON, INC. | DIfF PRESSURE GAUGE, 10inWC | K2010 | 1 | \$54.20 | 38\% | \$33.60 |
| K2010D | SENSOCON, INC. | DIFF PRESSURE GAUGE, DUAL SCALE, 10inWC/2.5KPA | K2010D | 1 | \$158.00 | 38\% | \$97.96 |
| K2020D | SENSOCON, INC. | DIFF PRESSURE GAUGE, DUAL SCALE, 20inWC/5KPA | K2020D | 1 | \$158.00 | 38\% | \$97.96 |
| S505277 | SENTRY SWITCH CORPORATION | LOW CURRENT SENTRY LIGHT SWITCH | 5505277 | 1 | \$156.00 | 38\% | \$96.72 |
| SS20277 | SENTRY SWITCH CORPORATION | SENTRY LIGHT SWITCH | SS20277 | 1 | \$158.00 | 38\% | \$97.96 |
| ${ }_{\text {SS23277 }}$ | SENTR YWITCH CORPORATION | 3-WAY SENTR LIGHT SWITCH | ${ }_{5} 5823277$ | 1 | \$177.00 | 38\% | \$109.74 |
| T-470 | SEQUEST SYSTEMS CORPORATIO | OTLLT TRANSDUCER 1/2 In CRANK ARM | T-470 | 1 | \$225.00 | 38\% | \$139.50 |
| T1-470 | SEQUEST SYTTEMS CORPORATIO | TILT TRANSDUCER 1 IN CRANK ARM | T1-470 | 1 | \$250.00 | 38\% | \$155.00 |
| 230-5VLV | SETRA SYSTEMS, | 5 VavLe MAnifold for M230 PRESSURE TRANSMITTERS | 2305VLV | 1 | \$778.00 | 38\% | \$482.36 |

The scope of this contract includes the following
1．Building Automation System（BAS）which is a computerized system，operating on certain communications protocols（e．g．BACNet，LonTalk，Modbus，etc．）which manages，controls，and is integrated with the Integrated Microprocessor－Controlled HVAC Equipment in a building or facility．Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems．
3．Integrated Microprocessor－Controlled HVAC Equipment such as Chillers，Rooftop Units，Boilers，Air Handlers，fan coil，unit ventilator，heat pump，remote I／O modules，etc．which are Factory－Mounted［Inctled］Factory Provided Microprocessor－Controlled，requiring technical skill to program，integrate，and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user．
Integrated BAS／EMS／Integrated Microprocessor－Controlled HVAC Equipment shall means that the fire alarm system，cetv system，or access control system is integrated to the BAS／EMS／Integrated Microprocessor Controlled HVAC Equipment using a device including，but not limited to，a router，gateway，FireAlarm Interface Pane（1），and／or other similar device，which utilize certa，Bef（e．g．BACNet，LonTalk，Modbus， platforms／systems．
Testing and Balancing of HVAC Systems shall be when an independent vendor，which：
a）Is certified by either the Associated Air Balance Council Bureau－AABC，Los Angeles，Cal． 90026 or by National Environmental Balancing Bureau－NEBB，Arlington，Va． 22209 ，
b）Is an approved subcontractor to a contractor providing Integrated Microprocessor－Controlled HVAC Equipment，installation，systems integration，or maintenance；and
c）As part of the and in conjunction with the contractor providing the aforementioned installation，systems integration，or mainten

The scope of this contract does not include：
1．Plumbing systems This contract does not include the assembly，installation and repair of pipes，fittings，and fixtures of sewer／waste，water，and drainage systems and plumbing fixtures，such as sinks，commodes，bathtubs， Wers，water fountains，water heaters hot water tanks，garbage disposal
General Ductwork，Piping，etc．shall not be obtained on these contracts
3．Chillers，Rooftop Units，boilers，air handlers，fan coil，unit ventilator，heat pump，remote I／O modules，etc．which are not：
A．Factory Installed／Factory－Provided micro－processor－－controlled included／controlled），or
Cable（coaxial \＆fiber optic），wire，conduit，steel boxes，hangers，etc．must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts．
The contract does not allow for cable（coaxial \＆fiber optic），wire，conduit，steel boxes，hangers，etc．to be purchased from these contracts for any other purposes，including，but not limited to
B．Audio－Video equipment or systems（e．g．smart boards，projectors，studio broadcasting，conference rooms，video video conferencing equipment，Theatre Screens／Displays，etc）．
A physical security and facility system includes an emergency telephone system or pbx system expressly and solely us
A．To communicate fire or health and safety emergencies directly and solely to law enforcement organizations，or
B．To identify an individual（s）＇location in the event of a fire or emergency．

|  |  |  |  | Narranty Period－\＃of year（s）after eptance as required by Appendix B， |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | List Price | Discoum | ws |
| 231－RS1－3M－D | SETRA SYSTEMS， | DP TRANS W／REMOTE SEN，W／COND＋／－50 PSID，DISP | 231RS13MD | 1 | \＄1，106．00 | 38\％ | \＄685．72 |
| 231－RS1－3M－N | SETRA SYSTEMS， | DP TRANS W／REMOTE SEN，COND + ／－50 PSID | 231RS13MN | 1 | \＄1，041．00 | 38\％ | \＄645．42 |
| 231－RS1－4M－D－10 | SETRA SYSTEMS， | DP TRANS W／REMOTE SEN，+ －50 PSID，10FT CAB，disp | 231RS14MD10 | 1 | \＄1，159．00 | 38\％ | \＄718．58 |
| 231－RS1－4M－D－20 | SETRA SYSTEMS， | DP TRANS W／REMOTE SEN，+ －50 PSID，20FT CAB，disp | 231RS14MD20 | 1 | \＄1，244．00 | 38\％ | \＄771．28 |
| 231－RS1－4M－D－30 | SETRA SYSTEMS， | DP TRANS W／REMOTE SEN，＋／－50 PSID，30FT CAB，DISP | 231RS14MD30 | 1 | \＄1，276．00 | 38\％ | \＄791．12 |
| 231－RS1－4M－N－10 | SETRA SYSTEMS， | DP TRANS W／REMOTE SEN，＋／－50 PSID，10FT CAB | 231RS14MN10 | 1 | \＄1，094．00 | 38\％ | \＄678．28 |
| 231－RS1－4M－N－20 | SETRA SYSTEMS， | DP TRANS W／REMOTE SEN，＋／－50 PSID，20FT CAB | 231RS14MN20 | 1 | \＄1，179．00 | 38\％ | \＄730．98 |
| 231－RS1－4M－N－30 | SETRA SYSTEMS， | dP TRANS W／REMOTE SEN，＋／－50 PSID，30FT CAB | 231RS14MN30 | 1 | \＄1，211．00 | 38\％ | \＄750．82 |
| 231－RS2－3M－D | SETRA SYSTEMS， | DP TRANS W／REMOTE SEN，W／COND + －－75 PSID，DISP | 231RS23MD | 1 | \＄1，106．00 | 38\％ | \＄685．72 |
| $231-$ SS2－3M－N | SETRA SYSTEMS， | DP TRANS W／REMOTE SEN，COND + ／－75 PSID | 231RS23MN | 1 | \＄1，041．00 | 38\％ | \＄645．42 |
| 231－RS2－4M－D－10 | SETRA SYSTEMS， | DP TRANS W／REMOTE SEN，+ －75 PSID，10FT CAB，disp | 231RS24MD10 | 1 | \＄1，159．00 | 38\％ | \＄718．58 |
| 231－RS2－4M－D－20 | SETRA SYSTEMS， | DP TRANS W／REMOTE SEN，+1 －75 PSID，20FT CAB，DISP | 231RS24MD20 | 1 | \＄1，244．00 | 38\％ | \＄771．28 |
| 231－RS2－4M－D－30 | SETRA SYSTEMS， | DP TRANS W／REMOTE SEN，+ －75 PSID，30FT CAB，DISP | 231RS24MD30 | 1 | \＄1，276．00 | 38\％ | \＄791．12 |
| 231－RS2－4M－N－10 | SETRA SYSTEMS， | dP TRANS W／REMOTE SEN，$+1-75$ PSID，10FT CAB | 231RS24MN10 | 1 | \＄1，094．00 | 38\％ | \＄678．28 |
| 231－RS2－4M－N－20 | SETRA SYSTEMS， | DP TRANS W／REMOTE SEN，$+1-75$ PSID，20FT CAB | 231RS24MN20 | 1 | \＄1，179．00 | 38\％ | \＄730．98 |
| 231－RS2－4M－N－30 | SETRA SYSTEMS， | dP TRANS W／REMOTE SEN，$+1-75$ PSID，30FT CAB | 231RS24MN30 | 1 | \＄1，211．00 | 38\％ | \＄750．82 |
| 231－RS3－3M－D | SETRA SYSTEMS， | DP TRANS W／REMOTE SEN，w／COND＋／－100 PSID，DISP | 2316RS33MD | 1 | \＄1，106．00 | 38\％ | \＄685．72 |
| 231－RS3－3M－N | SETRA SYSTEMS， | DP TRANS W／REMOTE SEN，COND $+/-100$ PSID | 231RS33MN | 1 | \＄1，041．00 | 38\％ | \＄645．42 |
| 231－RS3－4M－D－10 | SETRA SYSTEMS， | DP TRANS W／REMOTE SEN，+ ／－100 PSID，10FT CAB，DISP | 231RS34MD10 | 1 | \＄1，159．00 | 38\％ | \＄718．58 |
| 231－RS3－4M－D－20 | SETRA SYSTEMS， | DP TRANS W／REMOTE SEN，+ －1－100 PSID，20FT CAB，DISP | 231RS34MD20 | 1 | \＄1，244．00 | 38\％ | \＄771．28 |
| 231－RS3－4M－D－30 | SETRA SYSTEMS， | DP TRANS W／REMOTE SEN，+ －100 PSID，30FT CAB，DISP | 231RS34MD30 | 1 | \＄1，276．00 | 38\％ | \＄791．12 |
| 231－RS3－4M－N－10 | SETRA SYSTEMS， | DP TRANS W／REMOTE SEN，+ －100 PSID，10FT CAB | 231RS34MN10 | 1 | \＄1，094．00 | 38\％ | \＄678．28 |
| 231－RS3－4M－N－20 | SETRA SYSTEMS， | DP TRANS W／REMOTE SEN，+ －100 PSID，20FT CAB | 231RS34MN20 | 1 | \＄1，179．00 | 38\％ | \＄730．98 |
| 231－RS3－4M－N－30 | SETRA SYSTEMS， | DP TRANS W／REMOTE SEN，+ －100 PSID，30FT CAB | 231RS34MN30 | 1 | \＄1，211．00 | 38\％ | \＄750．82 |
| 231－RS4－3M－D | SETRA SYSTEMS， | DP TRANS W／REMOTE SEN，W／COND＋／－150 PSID，DISP | 231RS43MD | 1 | \＄1，106．00 | 38\％ | \＄685．72 |
| $231-\mathrm{RS} 4$－3M－N | SETRA SYSTEMS， | DP TRANS W／REMOTE SEN，COND $+/-150$ PSID | 231RS43Mn | 1 | \＄1，041．00 | 38\％ | \＄645．42 |
| 231－RS4－4M－D－10 | SETRA SYSTEMS， | DP TRANS W／REMOTE SEN，+ ／－150 PSID，10FT CAB，DISP | 231RS44MD10 | 1 | \＄1，159．00 | 38\％ | \＄718．58 |
| 231－RS4－4M－D－20 | SETRA SYSTEMS， | DP TRANS W／REMOTE SEN，+ －1－150 PSID，20FT CAB，DISP | 231RS44MD20 | 1 | \＄1，244．00 | 38\％ | \＄771．28 |
| 231－RS4－4M－D－30 | SETRA SYSTEMS， | DP TRANS W／REMOTE SEN，+ ／－150 PSID，30FT CAB，DISP | 231RS44MD30 | 1 | \＄1，276．00 | 38\％ | \＄791．12 |
| 231－RS4－4M－N－10 | SETRA SYSTEMS， | DP TRANS W／REMOTE SEN，+ －－150 PSID，10FT CAB | 231RS44MN10 | 1 | \＄1，094．00 | 38\％ | \＄678．28 |
| 231－RS4－4M－N－20 | SETRA SYSTEMS， | DP TRANS W／REMOTE SEN，+ ／－150 PSID，20FT CAB | 231RS44MN20 | 1 | \＄1，179．00 | 38\％ | \＄730．98 |
| 231－RS4－4M－N－30 | SETRA SYSTEMS， | DP TRANS W／REMOTE SEN，+ ／－150 PSID，30FT CAB | 231RS44MN30 | 1 | \＄1，211．00 | 38\％ | \＄750．82 |
| 231－RS5－3M－D | SETRA SYSTEMS， | DP TRANS W／REMOTE SEN，W／COND + ／－250 PSID，DISP | 231RS53MD | 1 | \＄1，106．00 | 38\％ | \＄685．72 |
| 231－RS5－3M－N | SETRA SYSTEMS， | DP TRANS W／REMOTE SEN，COND $+1-250$ PSID | 231RS53Mn | 1 | \＄1，041．00 | 38\％ | \＄645．42 |
| 231－RS5－4M－D－10 | SETRA SYSTEMS， | DP TRANS W／REMOTE SEN，+ －250 PSID，10FT CAB，DISP | 231R554MD10 | 1 | \＄1，159．00 | 38\％ | \＄718．58 |
| 231－RS5－4M－D－20 | SETRA SYSTEMS， | DP TRANS W／REMOTE SEN，+ －250 PSID，20FT CAB，DISP | 231R554MD20 | 1 | \＄1，244．00 | 38\％ | \＄771．28 |
| 231－RS5－4M－D－30 | SETRA SYSTEMS， | DP TRANS W／REMOTE SEN，+ －2－250 PSID，30FT CAB，DISP | 231R554MD30 | 1 | \＄1，276．00 | 38\％ | \＄791．12 |
| 231－RS5－4M－N－10 | SETRA SYSTEMS， | DP TRANS W／REMOTE SEN，+ －250 PSID，10FT CAB | 231RS54MN10 | 1 | \＄1，094．00 | 38\％ | \＄678．28 |
| 231－RS5－4M－N－20 | SETRA SYSTEMS， | DP TRANS W／REMOTE SEN，＋／－250 PSID，20FT CAB | 231R554MN20 | 1 | \＄1，179．00 | 38\％ | \＄730．98 |
| 231－RS5－4M－N－30 | SETRA SYSTEMS， | DP TRANS W／REMOTE SEN，＋／－250 PSID，30FT CAB | 231R554MN30 | 1 | \＄1，211．00 | 38\％ | \＄750．82 |
| 2316－MS1－2FD | SETRA SYSTEMS， | DP TRANS 5 TO 50 \＆$+/-5$ TO $+1-50$ W／DISPLAY | 231GMS12FD | 1 | \＄938．00 | 38\％ | \＄581．56 |
| 2316－MS1－2FN | SETRA SYSTEMS， | DP TRANS 5 TO 50 \＆+ ＋－5 TO + ＋－50 | 231GMS12FN | 1 | \＄903．00 | 38\％ | \＄559．86 |
| 2316－Ms2－2FD | SETRA SYSTEMS， | DP TRANS 10 TO 100 \＆＋／－10 TO＋／－100 W／DISPLAY | 231GMS22FD | 1 | \＄938．00 | 38\％ | \＄581．56 |
| 2316－Ms2－2FN | SETRA SYSTEMS， | DP TRANS 10 TO $100 \&+/-10$ TO＋／－100 | 231GMS22FN | 1 | \＄903．00 | 38\％ | \＄559．86 |
| 2316－M53－2FD | SETRA SYSTEMS， | DP TRANS 25 TO 250 \＆+1 －25 TO + ／－250 W／DISPLAY | 231GMS32FD | 1 | \＄947．00 | 38\％ | \＄587．14 |
| 2316－MS3－2FN | SETRA SYSTEMS， | DP TRANS 25 TO 250 \＆$+1-25$ TO $+1-250$ | 231GMS32FN | 1 | \＄903．00 | 38\％ | \＄559．86 |
| 260GMS1D | SETRA SYSTEMS， | MR TRANS 0－0．1 TO $0-1.0$ WC W／DISPLAY | 2601MS1 | 1 | \＄508．80 | 38\％ | \＄315．46 |
| 260GMSIDNIST | SETRA SYSTEMS， | multirange diff Pressure transmitter w／nist | 2601MS1KE2 | 1 | \＄583．00 | 38\％ | \＄361．46 |
| 260GMS1N | SETRA SYSTEMS， | MR TRANS 0－0．1 TO 0－1．0 WC Wo／display | 2601MS1N | 1 | \＄503．00 | 38\％ | \＄311．86 |
| 260GMSISD | SETRA SYSTEMS， | MR TRANS 0－0．1 TO 0－1．0 WC W／DISPLAY W／PROBE | 2601MS1S | 1 | \＄606．00 | 38\％ | \＄375．72 |
| 260GMS1SDNIST | SETRA SYSTEMS， | MULTTRANGE diff Pressure transmitter w／nist | 2601MS1SKE2 | 1 | \＄635．00 | 38\％ | \＄393．70 |
| 260GMS1SN | SETRA SYSTEMS， | MR TRANS 0－0．1 TO 0－1．0 WC Wo／displar w／PROBE | 2601 MS12 | 1 | \＄559．00 | 38\％ | \＄346．58 |
| 260GMS2D | SETRA SYSTEMS， | MR TRANS 0－1．0 TO 0－10．0 WC W／DISPLAY | 2601MS2 | 1 | \＄508．80 | 38\％ | \＄315．46 |
| 260GMS2DNIST | SETRA SYSTEMS， | mULTIRANGE DIFF PRESSURE TRANSMITTER W／NIST | 2601MS2KE2 | 1 | \＄583．00 | 38\％ | \＄361．46 |
| $2606 \mathrm{MS2N}$ | SETRA SYSTEMS， | MR TRANS 0－1．0 TO 0－10．0 WC Wo／DISPLAY | 2601MS2N | 1 | \＄503．00 | 38\％ | \＄311．86 |
| 260GMS2SD | SETRA SYStems， | MR TRANS 0－1．0 TO 0－10．0 WC w／DISPLAY W／PROBE | 2601MS2S | 1 | \＄568．24 | 38\％ | \＄352．31 |
| 260GMS2SN | SETRA SYSTEMS， | MR TRANS 0－1．0 T0 0－10．0 WC Wo／DisPLAY W／PROBE | 2601MS22 | 1 | \＄559．00 | 38\％ | \＄346．58 |
| $260 G M 53 D$ | SETRA SYSTEMS， | MR TRANS 0－25 TO 0－250 PA W／DISPLAY | 2601MS3 | 1 | \＄548．00 | 38\％ | \＄339．76 |
| 260GMS3N | SETRA SYSTEMS， | MR TRANS 0－25 TO 0－250 PA WO／DISPLAY | 2601MS3N | 1 | \＄508．00 | 38\％ | \＄314．96 |
| 260GMS3SD | SETRA SYSTEMS， | MR TRANS 0－25 TO 0－250 PA W／DISPLAY W／PROBE | 2601MS3S | 1 | \＄612．00 | 38\％ | \＄379．44 |
| 260GMS3SN | SETRA SYSTEMS， | MR TRANS $0-25$ To 0－250 PA WO／DISPLAY W／PROBE | 2601MS32 | 1 | \＄559．00 | 38\％ | \＄346．58 |
| 260GMS4D | SETRA SYSTEMS， | MR TRANS 0－250 TO 0－2500 PA W／DISPLAY | 2601MS4 | 1 | \＄548．00 | 38\％ | \＄339．76 |
| 260GMS4N | SETRA SYSTEMS， | MR TRANS 0－250 TO 0－2500 PA WO／DISPLAY | 2601MS4N | 1 | \＄508．00 | 38\％ | \＄314．96 |
| 260GMS4SD | SETRA SYSTEMS， | MR TRANS 0－250 TO 0－2500 PA W／DISPLAY W／PROBE | 2601MS4S | 1 | \＄612．00 | 38\％ | \＄379．44 |
| 260GMS4SN | SETRA SYSTEMS， | MR TRANS 0－250 TO 0－2500 PA WO／DISPLAY W／／PROBE | 2601MS4z | 1 | \＄559．00 | 38\％ | \＄346．58 |
| 264－A1 | SETRA SYSTEMS， | M264 CONDUIT Housing kit | 872 | 1 | \＄29．00 | 38\％ | \＄17．98 |
| 2691－001w | SETRA SYSTEMS， | DIFFERENTIAL PRESS TRANSMITTER，$\pm 1.0 \mathrm{in}$ w．c． | 2691001WB11DNEN | 1 | \＄1，104．00 | 38\％ | \＄684．48 |
| 2691－001WD | SETRA SYSTEMS， | DIFFERENTIAL PRESS TRANSMITTER，0－1．0in w．c． | 2691001WDI1DNEN | 1 | \＄1，104．00 | 38\％ | \＄684．48 |
| 2691－005Wв | SETRA SYSTEMS， | DIFFERENTIAL PRESS TRANSMITTER，$\pm$ Sin w．c． | 2691005WB11DNEN | 1 | \＄1，104．00 | 38\％ | \＄684．48 |
| 2691－005WD | SETRA SYSTEMS， | DIFFERENTIAL PRESS TRANSMITTER， 0 －Sin w．c． | 2691005WD11DNEN | 1 | \＄1，104．00 | 38\％ | \＄684．48 |
| 2691－010WD | SETRA SYSTEMS， | differential Press transmitter， 0 －10in w．c． | 2691010WDI1DNEN | 1 | \＄1，104．00 | 38\％ | \＄684．48 |
| 2691－OR1WB | SETRA SYSTEMS， | Differential press transmitter，$\pm 0.1 \mathrm{in} \mathrm{w.c}$. | 26910R1WB11DNEN | 1 | \＄1，181．00 | 38\％ | \＄732．22 |
| 2691－OR1WD | SETRA SYSTEMS， | Differential press transmitter，o－0．1in w．c． | 26910R1WDIIDNEN | 1 | \＄1，181．00 | 38\％ | \＄732．22 |
| 2691－0R5WB | SETRA SYSTEMS， | DIFFERENTIAL PRESS TRANSMITTER，$\pm 0.5 \mathrm{Sin}$ w．c． | 26910RSWB11DNEN | 1 | \＄1，181．00 | 38\％ | \＄732．22 |
| 2691－OR5WD | SETRA SYStems， | Differential press transmitter， 0 －0． 5 Sin w．c． | 26910RSWDIIDNEN | 1 | \＄1，181．00 | 38\％ | \＄732．22 |
| 2691－2R5WB | SETRA SYSTEMS， | DIFFERENTIAL PRESS TRANSMITTER，$\pm 2.5 \mathrm{Sin}$ w．c． | 26912RSWB11DNEN | 1 | \＄1，104．00 | 38\％ | \＄684．48 |
| 2691－2R5WD | SETRA SYSTEMS， | DIFFERENTIAL PRESS TRANSMITTER， 0 －2．Sin w．c． | 26912RSWDI1DNEN | 1 | \＄1，104．00 | 38\％ | \＄684．48 |
| 2691－R25WB | SETRA SYSTEMS， | DIFFERENTIAL PRESS TRANSMITTER，$\pm 0.25 \mathrm{in}$ w．c． | 2691R25WB11DNEN | 1 | \＄1，181．00 | 38\％ | \＄732．22 |
| 2691－R25WD | SETRA SYSTEMS， | DIFFERENTIAL PRESS TRANSMITTER， $0-0.25$ in w．c． | 2691R25WDIIDNEN | 1 | \＄1，181．00 | 38\％ | \＄732．22 |
| 269425－02 | SETRA SYSTEMS， | SECURITY CAL KEY | 26942502 | 1 | \＄122．00 | 38\％ | \＄75．64 |
| 360－3VLV | SETRA SYSTEMS， | $360 C 3$ VALVE MAN 200F／250PSI | 230903 | 1 | \＄538．00 | 38\％ | \＄333．56 |
| BVA－5－SET | SETRA SYSTEMS， | 5 VALVE BYPASS FOR SETRA | KELE BOM | 1 | \＄326．00 | 38\％ | \＄202．12 |
| BVA－5－SET－3R | SETRA SYSTEMS， | 5 VALVE MANIFOLD W／NEMA ENC | KELE BOM | 1 | \＄510．00 | 38\％ | \＄316．20 |
| DPL－1－1 | SETRA SYSTEMS， | DIfFERENTIAL PRESSURE XMTR 0－25，10V | 266GR25WDACTICKE1 | 1 | \＄266．00 | 38\％ | \＄164．92 |
| DPL－1－4 | SETRA SYSTEMS， | DIFFERENTIAL PRESSURE XMTR 0－25，20MA | 266GR25WD11T1CKE1 | 1 | \＄266．00 | 38\％ | \＄164．92 |
| DPL－1－5 | SETRA SYSTEMS， | Differential pressure xmtr 0－．25，5V | 266GR25WDABT1CKE1 | 1 | \＄266．00 | 38\％ | \＄164．92 |
| DPL－10－1 | SETRA SYSTEMS， | differential Pressure xmTr 0－ $\pm 0.1,10 \mathrm{~V}$ | 266GOR1WBACTICKE1 | 1 | \＄266．00 | 38\％ | \＄164．92 |
| DPL－10－4 | SETRA SYSTEMS， | DIFFERENTIAL PRESSURE XMTR 0－土 0．1，20MA | 266G0R1WB11T1CKE1 | 1 | \＄266．00 | 38\％ | \＄164．92 |
| DPL－10－5 | SETRA SYSTEMS， | DIFFERENTAL PRESSURE XMTR $0- \pm 0.1,5 \mathrm{~V}$ | 266GOR1WBABTICKE1 | 1 | \＄266．00 | 38\％ | \＄164．92 |
| DPL－11－1 | SETRA SYSTEMS， | DIFFERENTIAL PRESSURE XMTR $0- \pm 0.25,10 \mathrm{~V}$ | 266GR25WBACTICKE1 | 1 | \＄266．00 | 38\％ | \＄164．92 |
| DPL－11－4 | SETRA SYSTEMS， | DIFFERENTIAL PRESSURE XMTR $0- \pm 0.25,20 \mathrm{MA}$ | 266GR25WB11T1CKE1 | 1 | \＄266．00 | 38\％ | \＄164．92 |
| DPL－11－5 | SETRA SYSTEMS， | DIFFERENTIAL PRESSURE XMTR $0- \pm 0.25,5 \mathrm{~V}$ | 266GR25WBABT1CKE1 | 1 | \＄266．00 | 38\％ | \＄164．92 |
| DPL－12－1 | SETRA SYSTEMS， | DIFFERENTAL PRESSURE XMTR 0－0．0，5，10V | 266GOR5WBACTICKE1 | 1 | \＄266．00 | 38\％ | \＄164．92 |
| DPL－12－4 | SETRA SYSTEMS， | DIFFERENTIAL PRESSURE XMTR 0－to．5，20MA | 266GOR5WB11T1CKE1 | 1 | \＄266．00 | 38\％ | \＄164．92 |
| DPL－12－5 | SETRA SYSTEMS， | differentill pressure XmTR 0－土0．5，5V | 266GOR5WBABTICKE1 | 1 | \＄266．00 | 38\％ | \＄164．92 |
| DPL－13－1 | SETRA SYSTEMS， | DIfFERENTIAL PRESSURE XMTR 0－土1，10V | 2666001 WBACTICKE1 | 1 | \＄266．00 | 38\％ | \＄164．92 |
| DPL－13－4 | SETRA SYSTEMS， | DIFFERENTAL PRESSURE XMTR 0－11，20MA | 2666001WB11T1CKE1 | 1 | \＄266．00 | 38\％ | \＄164．92 |
| DPL－13－5 | SETRA SYSTEMS， | DIFFERENTIAL PRESSURE XMTR $0-11,5 \mathrm{~V}$ | 266G001WBABT TCKE1 | 1 | \＄266．00 | 38\％ | \＄164．92 |
| DPL－14－1 | SETRA SYSTEMS， | DIFFERENTIAL PRESSURE XMTR $0- \pm 2.5,10 \mathrm{~V}$ | 26662R5WBACTICKE1 | 1 | \＄266．00 | 38\％ | \＄164．92 |
| DPL－14－4 | SETRA SYSTEMS， | DIFFERENTIAL PRESSURE XMTR $0- \pm 2.5,20 \mathrm{MA}$ | 26662R5WB11T1CKE1 | 1 | \＄266．00 | 38\％ | \＄164．92 |
| DPL－14－5 | SETRA SYSTEMS， | DIFFERENTIAL PRESSURE XMTR $0- \pm 2.5,5 \mathrm{~V}$ | 26662R5WBABT1CKE1 | 1 | \＄266．00 | 38\％ | \＄164．92 |
| DPL－15－1 | SETRA SYSTEMS， | DIfFERENTIAL PRESSURE XMTR 0－土5，10V | 2666005 WBACTICKE1 | 1 | \＄266．00 | 38\％ | \＄164．92 |
| DPL－15－4 | SETRA SYSTEMS， | DIFFERENTIAL PRESSURE XMTR 0－55，20MA | $2666005 \mathrm{WB} 11111 \mathrm{CKE1}$ | 1 | \＄266．00 | 38\％ | \＄164．92 |
| DPL－15－5 | SETRA SYStems， | Differential pressure xmtr 0－t5，5V | 2666005 WBABT1CKE1 | 1 | \＄266．00 | 38\％ | \＄164．92 |
| DPL－16－1 | SETRA SYSTEMS， | DIFFERENTIAL PRESSURE XMTR $0- \pm 10,10 \mathrm{~V}$ | 2666010WBACTICKE1 | 1 | \＄266．00 | 38\％ |  |

The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Intalled] Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, F larm Interface Panel , and/or other similar device, which utilize certain cols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenance of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, howers, water fountains, water heaters hot water tanks, garbage disposal
General Ductwork, Piping, etc shall not be obtained on these contract
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not:
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' location in the event of a fire or emergency.

| Model Nember | Mentuacture | Product Descripition | Product Code | Warranty Period - \# of year(s) fater |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | as required by | List Pice | \% Discount | NYS Nat Price |
| DPL-16-4 | SETRA SYSTEMS, | DIFFERENTIAL PRESSURE XMTR 0-土 $10,20 \mathrm{MA}$ | 2666010WB11T1CKE1 | 1 | \$266.00 | 38\% | \$164.92 |
| DPL-16-5 | SETRA SYSTEMS, | DIfFERENTIAL PRESSURE XMTR $0- \pm 10,5 \mathrm{~V}$ | 2666010 WBABTICKE1 | 1 | \$266.00 | 38\% | \$164.92 |
| DPL-17-1 | SETRA SYSTEMS, | DIFFERENTIAL PRESSURE XMTR $0- \pm 25,10 \mathrm{~V}$ | 2666025WBACTICKE1 | 1 | \$266.00 | 38\% | \$164.92 |
| DPL-17-4 | SETRA SYSTEMS, | differential pressure xmtr 0-225,20MA | 2666025WB11T1CKE1 | 1 | \$266.00 | 38\% | \$164.92 |
| DPL-17-5 | SETRA SYSTEMS, | DIfFERENTIAL PRESSURE XMTR $0- \pm 25,5 \mathrm{~V}$ | 2666025WBABTICKE1 | 1 | \$266.00 | 38\% | \$164.92 |
| DPL-18-1 | SETRA SYSTEMS, | DIfFerential pressure XmTR 0-550,10V | 2666050WBACTICKE1 | 1 | \$266.00 | 38\% | \$164.92 |
| DPL-18-4 | SETRA SYSTEMS, | DIFFERENTIAL PRESSURE XMTR 0-\$50,20MA | 266G050WB11T1CKE1 | 1 | \$266.00 | 38\% | \$164.92 |
| DPL-18-5 | SETRA SYSTEMS, | DIfFERENTIAL PRESSURE XMTR 0- 5 50,5V | 2666050 WBABTICKE1 | 1 | \$266.00 | 38\% | \$164.92 |
| DPL-2-1 | SETRA SYSTEMS, | Differential pressure XmTr 0-5,10V | 266GOR5WDACTICKE1 | 1 | \$266.00 | 38\% | \$164.92 |
| DPL-2-4 | SETRA SYSTEMS, | DIFFERENTIAL PRESSURE XMTR 0-5, 20 MA | 266GOR5WD11T1CKE1 | 1 | \$266.00 | 38\% | \$164.92 |
| DPL-2-5 | SETRA SYSTEMS, | differential pressure XMTR 0-5,5V | 26660R5WDABTICKE1 | 1 | \$266.00 | 38\% | \$164.92 |
| DPL-3-1 | SETRA SYSTEMS, | differential Pressure xmTr 0-1,10V | 2666001WDACTICKE1 | 1 | \$266.00 | 38\% | \$164.92 |
| DPL-3-4 | SETRA SYSTEMS, | DIfFERENTIAL PRESSURE XMTR 0-1,20MA | 2666001WD11T1CKE1 | 1 | \$266.00 | 38\% | \$164.92 |
| DPL-3-5 | SETRA SYSTEMS, | Differential pressure xmTr 0-1,5V | 2666001 WDABTICKE1 | 1 | \$266.00 | 38\% | \$164.92 |
| DPL-4-1 | SETRA SYSTEMS, | DIFFERENTIAL PRESSURE XMTR 0-2.5,10V | 26662R5WDACTICKE1 | 1 | \$266.00 | 38\% | \$164.92 |
| DPL-4-4 | SETRA SYSTEMS, | DIFFERENTAL PRESSURE XMTR 0-2.5,20MA | 26662R5WD11T1CKE1 | 1 | \$266.00 | 38\% | \$164.92 |
| DPL-4-5 | SETRA SYSTEMS, | Differential pressure xmtr 0-2.5,5V | 26662R5WDABT1CKE1 | 1 | \$266.00 | 38\% | \$164.92 |
| DPL-5-1 | SETRA SYSTEMS, | Differential Pressure xmir 0-5,10V | 2666005 WDACT1CKE1 | 1 | \$266.00 | 38\% | \$164.92 |
| DPL-5-4 | SETRA SYSTEMS, | DIfFERENTIAL PRESSURE XMTR 0-5,20MA | $2666005 W$ D11T1CKE1 | 1 | \$266.00 | 38\% | \$164.92 |
| DPL-5-5 | SETRA SYSTEMS, | DIFFERENTIAL PRESSURE XMTR 0-5,5V | 2666005WDABTICKE1 | 1 | \$266.00 | 38\% | \$164.92 |
| DPL-6-1 | SETRA SYSTEMS, | Differential pressure XmTR 0-10,10V | 26660010WDACT1CKE1 | 1 | \$266.00 | 38\% | \$164.92 |
| DPL-6-4 | SETRA SYSTEMS, | DIFFERENTIAL PRESSURE XMTR 0-10,20MA | 2666010WD11T1CKE1 | 1 | \$266.00 | 38\% | \$164.92 |
| DPL-6-5 | SETRA SYSTEMS, | DIFFERENTIAL PRESSURE XMTR 0-10,5V | 2666010WDABTICKE1 | 1 | \$266.00 | 38\% | \$164.92 |
| DPL-7-1 | SETRA SYSTEMS, | Differential pressure xmtr 0-25,10V | 2666025WDACTICKE1 | 1 | \$266.00 | 38\% | \$164.92 |
| DPL-7-4 | SETRA SYSTEMS, | DIFFERENTIAL PRESSURE XMTR 0-25,20MA | 266G025WD11T1CKE1 | 1 | \$266.00 | 38\% | \$164.92 |
| DPL-7-5 | SETRA SYSTEMS, | differential pressure xmTr 0-25,5V | 2666025WDABTICKE1 | 1 | \$266.00 | 38\% | \$164.92 |
| DPL-8-1 | SETRA SYSTEMS, | Differential pressure XmT 0 -50,10V | 2666050WDACTICKE1 | 1 | \$266.00 | 38\% | \$164.92 |
| DPL-8-4 | SETRA SYSTEMS, | DIFFERENTIAL PRESSURE XMTR 0-50,20MA | 2666050WD11T1CKE1 | 1 | \$266.00 | 38\% | \$164.92 |
| DPL-8-5 | SETRA SYSTEMS, | differential Pressure xmtr 0-50,5V | 2666050WDABTICKE1 | 1 | \$266.00 | 38\% | \$164.92 |
| DPL-9-1 | SETRA SYSTEMS, | DIFFERENTIAL PRESSURE XMTR 0-10,10V | 2666100WDACTICKE1 | 1 | \$266.00 | 38\% | \$164.92 |
| DPL-9-4 | SETRA SYSTEMS, | DIFFERENTIAL PRESSURE XMTR 0-100,20MA | 266G100WD11T1CKE1 | 1 | \$266.00 | 38\% | \$164.92 |
| DPL-9-5 | SETRA SYSTEMS, | Differential pressure XmTR 0-100,5V | 2666100WDABTICKE1 | 1 | \$266.00 | 38\% | \$164.92 |
| DPW-3VLV | SETRA SYSTEMS, | 3 -VALVE MANIFOLD FOR DPW-692, 200 DEG F/250PSI | 230905 | 1 | \$437.00 | 38\% | \$270.94 |
| M230-001PB-C | SETRA SYSTEMS, | DP TRANS +/-1.0 PSI 4-20mA | 2301001PB2F11BKE1 | 1 | \$852.00 | 38\% | \$528.24 |
| M230-001PB-V10 | SETRA SYSTEMS, | DP TRANS +/-1.0 PSI $0-10 \mathrm{VDC}$ | 2301001PB2F2EBKE1 | 1 | \$852.00 | 38\% | \$528.24 |
| M230-001PB-V5 | SETRA SYSTEMS, | DP TRANS +/-1.0 PSI 0-5 VDC | 2301001PB2F2DB | 1 | \$852.00 | 38\% | \$528.24 |
| M230-001PD-C | SETRA SYSTEMS, | DP TRANSMITTER 0-1PSI 4-20mA | 2301001PD2F11BKE1 | 1 | \$852.00 | 38\% | \$528.24 |
| M230-001PD-V10 | SETRA SYSTEMS, | DP TRANSMITTER 0-1PSI 0-10VDC | 2301001PD2F2EBKE1 | 1 | \$852.00 | 38\% | \$528.24 |
| M230-002PD-C | SETRA SYSTEMS, | DP TRANSMITEER 0-2PSI 4-20mA | 2301002PD2F11BKE1 | 1 | \$852.00 | 38\% | \$528.24 |
| M230-002PD-V10 | SETRA SYSTEMS, | DP TRANSMITTER 0-2PSII 0-10VDC | 2301002PD2F2EBKE1 | 1 | \$852.00 | 38\% | \$528.24 |
| M230-002PD-V5 | SETRA SYSTEMS, | DP TRANSMITTER 0-2PSI 0-SVDC | 2301002PD2F2DBKE1 | 1 | \$852.00 | 38\% | \$528.24 |
| M230-005PB-C | SETRA SYSTEMS, | DP TRANS +/- 5 PSI $4-20 \mathrm{~mA}$ | 2301005PB2F11BKE1 | 1 | \$852.00 | 38\% | \$528.24 |
| M230-005PB-V5 | SETRA SYSTEMS, | DP TRANS $+1-5.0$ PSI $0-5 \mathrm{VDC}$ | 2301005PB2F2DBEE1 | 1 | \$852.00 | 38\% | \$528.24 |
| M230-005PD-C | SETRA SYSTEMS, | DP TRANSMITTER 0-5 PSI $4-20 \mathrm{~mA}$ | $2301005 \mathrm{PD} 2 \mathrm{~F} 11 \mathrm{BKE1}$ | 1 | \$839.00 | 38\% | \$520.18 |
| M230-005PD-V10 | SETRA SYSTEMS, | DP TRANSMITTER 0-SPSII 0-10VDC | 2301005PD2F2EBKE1 | 1 | \$852.00 | 38\% | \$528.24 |
| M230-005PD-v5 | SETRA SYSTEMS, | DP TRANSMITTER 0-5PSI 0-SVDC | 2301005PD2F2DBKE1 | 1 | \$852.00 | 38\% | \$528.24 |
| M230-010PB-C | SETRA SYSTEMS, | DP TRANS +/-10 PSI $4-20 \mathrm{~mA}$ | 2301010PB2F11BKE1 | 1 | \$852.00 | 38\% | \$528.24 |
| M230-010PB-V10 | SETRA SYSTEMS, | DP TRANS + /-10 PSI $0-10$ VDC | 2301010PB2F2EBKE1 | 1 | \$852.00 | 38\% | \$528.24 |
| M230-010PB-V5 | SETRA SYSTEMS, | DP TRANS +/-10 PSI 0-5 VDC | 2301010PB2F2DBKE1 | 1 | \$852.00 | 38\% | \$528.24 |
| M230-010PD-C | SETRA SYSTEMS, | DP TRANSMITER 0-10PSI 4-20mA | 2301010PD2F11BKE1 | 1 | \$817.00 | 38\% | \$506.54 |
| M230-010PD-V10 | SETRA SYSTEMS, | DP TRANSMITTER 0-10PSI 0-10VDC | 2301010PD2F2EBKE1 | 1 | \$852.00 | 38\% | \$528.24 |
| M230-010PD-V5 | SETRA SYSTEMS, | DP TRANSMITTER 0-10PSI 0 -5VDC | 2301010PD2F2DBKE1 | 1 | \$852.00 | 38\% | \$528.24 |
| M230-025PB-C | SETRA SYSTEMS, | DP TRANS +/-25 PSI 4-20 mA | 2301025P82F11BKE1 | 1 | \$852.00 | 38\% | \$528.24 |
| M230-025PB-V10 | SETRA SYSTEMS, | DP TRANS +/- 25 SPSI $0-10$ VDC | 2301025PB2F2EBKE1 | 1 | \$852.00 | 38\% | \$528.24 |
| M230-025PB-V5 | SETRA SYSTEMS, | DP TRANS +/-25 PSI 0-5 VDC | 2301025P82F2DBKE1 | 1 | \$852.00 | 38\% | \$528.24 |
| M230-025PD-C | SETRA SYSTEMS, | DP TRANSMITTER 0-25PSI 4-20 mA | 2301025PD2F11BKE1 | 1 | \$813.00 | 38\% | \$504.06 |
| M230-025PD-V10 | SETRA SYSTEMS, | DP TRANSMITTER 0-25PSI 0-10VDC | 2301025PD2F2EBKE1 | 1 | \$839.00 | 38\% | \$520.18 |
| M230-025PD-v5 | SETRA SYSTEMS, | DP TRANSMITTER 0-25PSI 0-5VDC | 2301025PD2F2DBKE1 | 1 | \$852.00 | 38\% | \$528.24 |
| M230-050PB-C | SETRA SYSTEMS, | DP TRANS $+1 / 50$ PSI $4-20 \mathrm{~mA}$ | 2301050PB2F11BKE1 | 1 | \$852.00 | 38\% | \$528.24 |
| M230-050PB-V10 | SETRA SYSTEMS, | DP TRANS + /-50 PSII 0-10 VDC | 2301050PB2F2EBKE1 | 1 | \$852.00 | 38\% | \$528.24 |
| M230-050PB-V5 | SETRA SYSTEMS, | DP TRANS $+/$ - 50 PSI 0-5 VDC | 2301050PB2F2DBKE1 | 1 | \$852.00 | 38\% | \$528.24 |
| M230-050PD-C | SETRA SYSTEMS, | DP TRANSMITTER 0-50PSI 4 -20 mA | 2301050PD2F11BKE1 | 1 | \$809.00 | 38\% | \$501.58 |
| M230-050PD-V10 | SETRA SYSTEMS, | DP TRANSMITTER 0-50PSI 0-10VDC | 2301050PD2F2EBKE1 | 1 | \$813.00 | 38\% | \$504.06 |
| M230-050PD-V5 | SETRA SYSTEMS, | DP TRANSMITTER 0-50PSI 0 -5VDC | 2301050PD2F2DBEE1 | 1 | \$852.00 | 38\% | \$528.24 |
| M230-0RLPB-C | SETRA SYSTEMS, | DP TRANS $+/-0.5$ PSI $4-20 \mathrm{~mA}$ | 23010R5P82F118KE1 | 1 | \$852.00 | 38\% | \$528.24 |
| M230-OR5PB-V10 | SETRA SYSTEMS, | DP TRANS $+/-0.5$ PSI $0-10$ VDC | 23010R5P82F2EBKE1 | 1 | \$852.00 | 38\% | \$528.24 |
| M230-0R5PB-V5 | SETRA SYSTEMS, | DP TRANS +/-0.5 PSI 0-5 VDC | 23010R5PB2F2DBKE1 | 1 | \$852.00 | 38\% | \$528.24 |
| M230-100PD-C | SETRA SYSTEMS, | DP TRANSMITTER 0-100PSI 4 -20mA | 2301100PD2F11BKE1 | 1 | \$813.00 | 38\% | \$504.06 |
| M230-100PD-V10 | SETRA SYSTEMS, | DP TRANSMITTER 0-100PSI $0-10 \mathrm{VD}$ | 2301100PD2F2EBKE1 | 1 | \$852.00 | 38\% | \$528.24 |
| M230-100PD-v5 | SETRA SYSTEMS, | DP TRANSMITTER 0-100PSII 0 -5VDC | 2301100PD2F2DBEE1 | 1 | \$852.00 | 38\% | \$528.24 |
| M230-2R5PB-V10 | SETRA SYSTEMS, | DP TRANS +/- 2.5 PSI $0-10$ VDC | 2301R25P82F2EBKE1 | 1 | \$852.00 | 38\% | \$528.24 |
| M230-2R5PB-v5 | SETRA SYSTEMS, | DP TRANS +/-2.5 PSI 0-5 VDC | 2301225PB2F2DBKE1 | 1 | \$852.00 | 38\% | \$528.24 |
| M230-3VLV | SETRA SYSTEMS, | M230 3 VALVE MAN 200//250PSI | 230904 | 1 | \$440.00 | 38\% | \$272.80 |
| M230100PDV5BVA | SETRA SYSTEMS, | DP XMTR 0-100PSI 0-5V BVA | KELE BOM | 1 | \$1,202.00 | 38\% | \$745.24 |
| M264-001WB-C | SETRA SYSTEMS, | BI-DIRECT DP TRANS + -1.0inwc | 2641001WB11T1CKE1 | 1 | \$345.00 | 38\% | \$213.90 |
| M264-001WB-V | SETRA SYSTEMS, | DP XMITTER +/-1.0inWC 0-5 VDC | 2641001WB2DT1CKE1 | 1 | \$348.00 | 38\% | \$215.76 |
| M264-001WD-C | SETRA SYSTEMS, | LOW AIR DP TRANS 0-1.0in WC | 2641001WD11T1CKE1 | 1 | \$331.00 | 38\% | \$205.22 |
| M264-001WD-V | SETRA SYSTEMS, | DP XMITTER 0-1.0inWC 0-5 VDC | 2641001WD2DT1CKE1 | 1 | \$348.00 | 38\% | \$215.76 |
| M264-005WB-C | SETRA SYSTEMS, | BI-DIRECT DP TRANS +/-5.0inWC | 2641005WB11T1CKE1 | 1 | \$343.00 | 38\% | \$212.66 |
| M264-005WB-V | SETRA SYSTEMS, | DP XMITTER +/-5.0inWC 0-5 VDC | 2641005WB2DT1CKE1 | 1 | \$348.00 | 38\% | \$215.76 |
| M264-005WD-C | SETRA SYSTEMS, | LOW AIR DP TRANS 0-5.0in WC | 2641005WD11T1CKE1 | 1 | \$330.00 | 38\% | \$204.60 |
| M264-005WD-V | SETRA SYSTEMS, | DP XMITTER 0-5.0inWC 0-5 VDC | 2641005WD2DT1CKE1 | 1 | \$333.00 | 38\% | \$206.46 |
| M264-010wb-c | SETRA SYSTEMS, | DP TRANSMITTER $+/-10$ In WC | 2641010WB11T1CKE1 | 1 | \$348.00 | 38\% | \$215.76 |
| M264-010wB-V | SETRA SYSTEMS, | DP XMITTER +/-10.0inWS 0-5 VDC | 2641010WB2DT1CKE1 | 1 | \$348.00 | 38\% | \$215.76 |
| M264-010WD-V | SETRA SYSTEMS, | DP XMITTER 0-10.0in WC 0-5 VDC | 2641010WD2DT1CKE1 | 1 | \$348.00 | 38\% | \$215.76 |
| M264-025WD-C | SETRA SYSTEMS, | Low Air dp trans 0-25in Wc | 2641025WD11T1CKE1 | 1 | \$343.00 | 38\% | \$212.66 |
| M264-025WD-V | SETRA SYSTEMS, | DP XMITEER 0-25inWC 0-5 VDC | 2641025WD2DT1CKE1 | 1 | \$348.00 | 38\% | \$215.76 |
| M264-050WD-C | SETRA SYSTEMS, | LOW AIR DP TRANS 0-50in WC | 2641050WD11T1CKE1 | 1 | \$348.00 | 38\% | \$215.76 |
| M264-050WD-V | SETRA SYSTEMS, | DP XMITTER 0-50inWC 0-5 VDC | 2641050WD2DT1CKE1 | 1 | \$348.00 | 38\% | \$215.76 |
| M264-OR1WB-C | SETRA SYSTEMS, | BI-DIRECT DP TRANS + -0. 1 linwc | 26410R1WB1TICKE1 | 1 | \$343.00 | 38\% | \$212.66 |
| M264-OR1WB-V | SETRA SYSTEMS, | DP XMITTER +/-0.1inWC 0-5 VDC | 26410R1WB2DTICKE1 | 1 | \$348.00 | 38\% | \$215.76 |
| M264-OR1WD-C | SETRA SYSTEMS, | Low air dp trans 0-0.1in wC | 26410R1WD11T1CKE1 | 1 | \$333.00 | 38\% | \$206.46 |
| M264-OR1WD-V | SETRA SYSTEMS, | DP XMTR 0-0. 1 InWC $0-5 \mathrm{VDC}$ | 26410R1WD2DTICKE1 | 1 | \$348.00 | 38\% | \$215.76 |
| M264-OR5WB-C | SETRA SYSTEMS, | BI-Directional trans $+/ 10.5$ In WC | 26410R5WB11T1CKE1 | 1 | \$345.00 | 38\% | \$213.90 |
| M264-OR5WB-V | SETRA SYSTEMS, | DP XMITTER $+1 / 0.5$ Sin WC 0.5 VDC | 26410R5WB2DT1CKE1 | 1 | \$348.00 | 38\% | \$215.76 |
| M264-OR5WD-C | SETRA SYSTEMS, | LOW AIR DP TRANS 0 -0. 5 Sin WC | 26410R5WD11T1CKE1 | 1 | \$333.00 | 38\% | \$206.46 |
| M264-100WD-C | SETRA SYSTEMS, | LOW IAR DP TRANS 0-100in WC | 2641100WD11T1CKE1 | 1 | \$348.00 | 38\% | \$215.76 |
| M264-100WD-V | SETRA SYSTEMS, | DP XMITTER 0-100inWC $0-5 \mathrm{VDC}$ | 2641100WD2DTICKE1 | 1 | \$348.00 | 38\% | \$215.76 |
| M264-2R5WB-C | SETRA SYSTEMS, | BI-DIRECT DP TRANS $+1-2.5$ Sinw | 26412R5WB11T1CKE1 | 1 | \$345.00 | 38\% | \$213.90 |
| M264-2R5WB-V | SETRA SYSTEMS, | DP XMITTER +/-2.5inWC 0-5 VDC | 26412R5WB2DT1CKE1 | 1 | \$348.00 | 38\% | \$215.76 |
| M264-2R5WD-C | SETRA SYSTEMS, | LOW AIR DP TRANS 0-2.5in WC | 26412R5WD11T1CKE1 | 1 | \$331.00 | 38\% | \$205.22 |
| M264-2R5WD-V | SETRA SYSTEMS, | DP XMITTER 0-2.5inWC 0 -5 VDC | 26412R5WD20T1CKE1 | 1 | \$343.00 | 38\% | \$212.66 |
| M264-R25WB-C | SETRA SYYTEMS, | BI-DIREC DP TRANS $+1-0.25 \mathrm{SinWC}$ | 2641R25WB11T1CKE1 | 1 | \$331.00 | 38\% | \$205.22 |
| M264-R25WB-V | SETRA SYSTEMS, | DP XMITIER +/-0.25inWC 0-5 VDC | 2641R25WB2DT1CKE1 | 1 | \$348.00 | 38\% | \$215.76 |
| M264-R25WD-C | SETRA SYSTEMS, | LOW AIR DP TRANS 0-0.25in WC | 2641R25WD11T1CKE1 | 1 | \$333.00 | 38\% | \$206.46 |

The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Inctled], Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor ontrolled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
e) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or mainten

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, owers, water fountains, water heaters hot water tanks, garbage disposa
General Ductwork, Piping, etc. shall not be obtained on these contracts
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not:
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and faciity system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose IT, Telecommumications, Networking Cabling, Fiber Optics (e.g. phone, pbx, digital centrex, digital key systems, television, cable, T-Line, general broadband,
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc.).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

| noer | Mantract |  | dotuc Code | "Warranty Period - \# of year(s) after |  |  |  |
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|  |  |  |  | chamest ${ }^{\text {a }}$ | List Pice | \% Discoumt | NVS Nel Price |
| M264-R25WD-V | SETRA SYSTEMS, | DP XMITTER 0-0.25in WC 0-5 VDC | 2641R25WD2DT1CKE1 | 1 | \$348.00 | 38\% | \$215.76 |
| M267-MR1-C | SETRA SYSTEMS, | 0.1inWC OR + --0.05inWC 4-20mA | 2671MR1WD11A1CNKE1 | 1 | \$394.00 | 38\% | \$244.28 |
| M267-MR1-V10 | SETRA SYSTEMS, | 0.1 linWC OR $+/-0.05 \mathrm{SinWC} 0-10 \mathrm{~V}$ | 2671MR1WD2EA1CNKE1 | 1 | \$394.00 | 38\% | \$244.28 |
| M267-MR2-C | SETRA SYSTEMS, | mULT-RANGE LOW AIR DP TRANS | 2671MR2WD11A1CNKE1 | 1 | \$378.00 | 38\% | \$234.36 |
| M267-MR2-V10 | SETRA SYSTEMS, | mult-range dp XmTr 0-10VDC | 2671MR2WD2EA1CNKE1 | 1 | \$388.00 | 38\% | \$240.56 |
| M267-MR3-C | SETRA SYSTEMS, | mult-range low air dp trans | 2671 MR3WD11A1CNKE1 | 1 | \$378.00 | 38\% | \$234.36 |
| M267-MR3-V10 | SETRA SYSTEMS, | MULT-RANGE DP XMTR 0-10VDC | 2671MR3WD2EA1CNKE1 | 1 | \$388.00 | 38\% | \$24.56 |
| M267-MR4-C | SETRA SYSTEMS, | mult-range low air dp trans | 2671MR4WD11A1CNKE1 | 1 | \$382.00 | 38\% | \$236.84 |
| M267-MR4-V10 | SETRA SYSTEMS, | MULT-RANGE DP XMTR 0-10VDC | 2671 RR4WD2EA1CNKE1 | 1 | \$394.00 | 38\% | \$244.28 |
| SRan | SETRA SYSTEMS, | REMOTE ANNUNCIATOR FOR THE SRPM | SRAN | 1 | \$327.00 | 38\% | \$202.74 |
| SRCM-001we-A1F1 | SETRA SYSTEMS, | ROOM COND MON, + -1-1.00WC, $24 \mathrm{VAC}, 0.25 \%$, ONE SNUB | SRCM001WBAIF1S | 1 | \$3,756.00 | 38\% | \$2,328.72 |
| SRCM-001WB-A1F2 | SETRA SYSTEMS, | ROOM COND MON, +/-1.00WC, $24 \mathrm{VAC}, 0.25 \%$, TWO SNUB | SRCM001WBA1F2S | 1 | \$3,812.00 | 38\% | \$2,363.44 |
| SRCM-001WB-A1FN | SETRA SYSTEMS, | ROOM COND MON, + --1.00WC, $24 \mathrm{VAC}, 0.25 \%$, NO SNUB | SRCM001WBAIFNS | 1 | \$3,699.00 | 38\% | \$2,293.38 |
| SRCM-001WB-A1H1 | SETRA SYSTEMS, | ROOM COND MON, $+1-1.00 \mathrm{WC}, 24 \mathrm{VAC}, 0.5 \%$, ONE SNUB | SRCM001WBAIHIS | 1 | \$3,370.00 | 38\% | \$2,089.40 |
| SRCM-001WB-A1H2 | SETRA SYSTEMS, | ROOM COND MON, $+/-1.00 \mathrm{WC}, 24 \mathrm{VAC}, 0.5 \%$, TWO SNUB | SRCM001WBA1H2S | 1 | \$3,370.00 | 38\% | \$2,089.40 |
| SRCM-001WB-A1HN | SETRA SYSTEMS, | ROOM COND MON, +/-1.00WC, $24 \mathrm{VAC}, 0.5 \%$, NO SNUB | SRCM001WBA1HNS | 1 | \$3,370.00 | 38\% | \$2,089.40 |
| SRCM-001WB-A2F1 | SETRA SYSTEMS, | RM COND MON BAC, + -1.00wC, $24 \mathrm{VAC}, 0.25 \%, 1$ SNUB | SRCM001WBA2F1S | 1 | \$4,063.00 | 38\% | \$2,519.06 |
| SRCM-001WB-A2F2 | SETRA SYSTEMS, | RM COND MON BAC, + -1.00WC, $24 \mathrm{VAC}, 0.25 \%, 2$ SNUB | SRCM001WBAZ22S | 1 | \$4,120.00 | 38\% | \$2,554.40 |
| SRCM-001WB-A2FN | SETRA SYSTEMS, | RM COND MON BAC, + -1.00wC, $24 \mathrm{VAC}, 0.25 \%, 0$ SNUB | SRCM001wbazzns | 1 | \$4,006.00 | 38\% | \$2,483.72 |
| SRCM-001WB-A2H1 | SETRA SYSTEMS, | RM COND MON, BAC, + -1.00wC, $24 \mathrm{VAC}, 0.5 \%, 1$ SNUB | SRCM001Wbazhis | 1 | \$3,677.00 | 38\% | \$2,279.74 |
| SRCM-001WB-A2H2 | SETRA SYSTEMS, | RM COND MON, BAC, $+1-1.00 \mathrm{WC}, 24 \mathrm{VAC}, 0.5 \%, 2$ SNUB | SRCM001WBAZH2S | 1 | \$3,677.00 | 38\% | \$2,279.74 |
| SRCM-001WB-A2HN | SETRA SYSTEMS, | RM COND MON, BAC $+/-1.00 \mathrm{WC}$, $24 \mathrm{VAC}, 0.5 \%$, 0 SNUB | SRCM001WBA2HNS | 1 | \$3,677.00 | 38\% | \$2,279.74 |
| SRCM-005WB-A1F1 | SETRA SYSTEMS, | ROOM COND MON, +/-5.00WC, $24 \mathrm{VAC}, 0.25 \%$, ONE SNUB | SRCM005WBAIF1S | 1 | \$3,756.00 | 38\% | \$2,328.72 |
| SRCM-005WB-A1F2 | SETRA SYSTEMS, | ROOM COND MON, $+1-5.00 \mathrm{WC}$, $24 \mathrm{VAC}, 0.25 \%$, TWO SNUB | SRCM005WBA1F2S | 1 | \$3,812.00 | 38\% | \$2,363.44 |
| SRCM-005WB-A1FN | SETRA SYSTEMS, | ROOM COND MON, + -5.00wC, $24 \mathrm{VAC}, 0.25 \%$, NO SNUB | SRCMOOSWBAIFNS | 1 | \$3,699.00 | 38\% | \$2,293.38 |
| SRCM-005WB-A1H1 | SETRA SYSTEMS, | ROOM COND MON, + -5.5.0WC, $24 \mathrm{VAC}, 0.5 \%$, ONE SNUB | SRCMOOSWBAIH1S | 1 | \$3,370.00 | 38\% | \$2,089.40 |
| SRCM-005WB-A1H2 | SETRA SYSTEMS, | ROOM COND MON, + -5.5.0WC, $24 \mathrm{VAC}, 0.5 \%$, TWO SNUB | SRCMOOSWBA1H2S | 1 | \$3,370.00 | 38\% | \$2,089.40 |
| SRCM-005WB-A1HN | SETRA SYSTEMS, | ROOM COND MON, $+1-5.00 \mathrm{WC}$, $24 \mathrm{VAC}, 0.5 \%$, NO SNUB | SRCMOOSWBAIHNS | 1 | \$3,370.00 | 38\% | \$2,089.40 |
| SRCM-005WB-A2F1 | SETRA SYSTEMS, | RM COND MON BAC, + -5.00wC, $24 \mathrm{VAC}, 0.25 \%, 1$ SNUB | SRCMOOSWBA2F1S | 1 | \$4,063.00 | 38\% | \$2,519.06 |
| SRCM-005WB-A2F2 | SETRA SYSTEMS, | RM COND MON BAC, $+/-5.00 \mathrm{WC}, 24 \mathrm{VAC}, 0.25 \%, 2$ SNUB | SRCM005WBA2F2S | 1 | \$4,120.00 | 38\% | \$2,554.40 |
| SRCM-005WB-A2FN | SETRA SYSTEMS, | RM COND MON BAC, + -5.50WWC, $24 \mathrm{VAC}, 0.25 \%, 0$ SNUB | SRCMOOSWBA2FNS | 1 | \$4,006.00 | 38\% | \$2,483.72 |
| SRCM-005WB-A2H1 | SETRA SYSTEMS, | RM COND MON, BAC $,+1-5.00 \mathrm{WC}, 24 \mathrm{VAC}, 0.5 \%, 1 \mathrm{SNUB}$ | SRCMOOSWBA2H1S | 1 | \$3,677.00 | 38\% | \$2,279.74 |
| SRCM-005WB-A2H2 | SETRA SYSTEMS, | RM COND MON, BAC,$+1-5.00 \mathrm{WC}$, $24 \mathrm{VAC}, 0.5 \%, 2$ SNUB | SRCMOOSWBAZH2S | 1 | \$3,677.00 | 38\% | \$2,279.74 |
| SRCM-005WB-A2HN | SETRA SYSTEMS, | RM COND MON, BAC + /-5.00wC, $24 \mathrm{VAC}, 0.5 \%$, 0 SNUB | SRCMOOSWBA2HNS | 1 | \$3,677.00 | 38\% | \$2,279.74 |
| SRCM-025LB-A1F1 | SETRA SYSTEMS, | ROOM COND MON, $+1-25$ PA, $24 \mathrm{VAC}, 0.25 \%$, One SNUB | SRCM025LBAIF1S | 1 | \$3,756.00 | 38\% | \$2,328.72 |
| SRCM-025LB-A1F2 | SETRA SYSTEMS, | ROOM COND MON, + +-25 PA, $24 \mathrm{VAC}, 0.25 \%$, TWO SNUB | SRCM025LBA1F2S | 1 | \$3,812.00 | 38\% | \$2,363,44 |
| SRCM-025LB-A1FN | SETRA SYSTEMS, | ROOM COND MON, +/-25 PA, $24 \mathrm{VAC}, 0.25 \%$, NO SNUB | SRCM025LBA1FNS | 1 | \$3,699.00 | 38\% | \$2,293.38 |
| SRCM-025LB-A1H1 | SETRA SYSTEMS, | ROOM COND MON, + -25 PA, $24 \mathrm{VAC}, 0.5 \%$, ONE SNUB | SRCM025LBAIH1S | 1 | \$3,370.00 | 38\% | \$2,089.40 |
| SRCM-025LB-A1H2 | SETRA SYSTEMS, | ROOM COND MON, + - 25 PA, $24 \mathrm{VACC}, 0.5 \%$, TWO SNUB | SRCM025LBA1H2S | 1 | \$3,370.00 | 38\% | \$2,089.40 |
| SRCM-025LB-A1HN | SETRA SYSTEMS, | ROOM COND MON, $+1-25$ PA, $24 \mathrm{VAC}, 0.5 \%$, NO SNUB | SRCM025LBAIHNS | 1 | \$3,370.00 | 38\% | \$2,089.40 |
| SRCM-025LB-A2F1 | SETRA SYSTEMS, | RM COND MON BAC, $+1-25$ PA, $24 \mathrm{VAC}, 0.25 \%, 15 \mathrm{SNUB}$ | SRCM025LBA2F1S | 1 | \$4,063.00 | 38\% | \$2,519.06 |
| SRCM-025LB-A2F2 | SETRA SYSTEMS, | RM COND MON BAC, $+1-25$ PA, $24 \mathrm{VAC}, 0.25 \%, 2$ SNUB | SRCM025LBA2F2S | 1 | \$4,120.00 | 38\% | \$2,554.40 |
| SRCM-025LB-A2FN | SETRA SYSTEMS, | RM COND MON BAC, $+1-25$ PA, $24 \mathrm{VAC}, 0.25 \%$, 0 SNUB | SRCM025LBA2FNS | 1 | \$4,006.00 | 38\% | \$2,483.72 |
| SRCM-025LB-A2H1 | SETRA SYSTEMS, | RM COND MON, $\mathrm{BAC}^{\text {, }+1-25 \mathrm{PA}, 24 \mathrm{VAC}, 0.5 \%, 1 \text { SNUB }}$ | SRCM025LBA2H1S | 1 | \$3,677.00 | 38\% | \$2,279.74 |
| SRCM-025LB-A2H2 | SETRA SYSTEMS, | RM COND MON, BAC, +/-25 PA, $24 \mathrm{VAC}, 0.5 \%$, 2 SNUB | SRCM025LBA2H2S | 1 | \$3,677.00 | 38\% | \$2,279.74 |
| SRCM-025LB-A2HN | SETRA SYSTEMS, | RM COND MON, BAC +/-25 PA, $24 \mathrm{VAC}, 0.5 \%, 0$ SNUB | SRCM025LBAZHNS | 1 | \$3,677.00 | 38\% | \$2,279.74 |
| SRCM-050LB-A1F1 | SETRA SYSTEMS, | ROOM COND MON, $+1-50$ PA, $24 \mathrm{VAC}, 0.25 \%$, One SNUB | SRCM050LBAIF1S | 1 | \$3,756.00 | 38\% | \$2,328.72 |
| SRCM-050LB-A1F2 | SETRA SYSTEMS, | ROOM COND MON, +/-50 PA, $24 \mathrm{VAC}, 0.25 \%$, TWO SNUB | SRCM050LBA1F2S | 1 | \$3,812.00 | 38\% | \$2,363.44 |
| SRCM-050LB-A1FN | SETRA SYSTEMS, | ROOM COND MON, + -50 PA, $24 \mathrm{VAC}, 0.25 \%$, NO SNUB | SRCM050LBAIFNS | 1 | \$3,699.00 | 38\% | \$2,293.38 |
| SRCM-050LB-A1H1 | SETRA SYSTEMS, | ROOM COND MON, + -50 PA, $24 \mathrm{VAC}, 0.5 \%$, ONE SNUB | SRCM050LBA1H1S | 1 | \$3,370.00 | 38\% | \$2,089.40 |
| SRCM-050LB-A1H2 | SETRA SYSTEMS, | ROOM COND MON, +/-50 PA, $24 \mathrm{VAC}, 0.5 \%$, TWO SNUB | SRCM050LBA1H2S | 1 | \$3,370.00 | 38\% | \$2,089.40 |
| SRCM-050LB-A1HN | SETRA SYSTEMS, | ROOM COND MON, +/-50 PA, $24 \mathrm{VAC}, 0.5 \%$, NO SNUB | SRCM050LBAIHNS | 1 | \$3,370.00 | 38\% | \$2,089.40 |
| SRCM-050LB-A2F1 | SETRA SYSTEMS, | RM COND MON BAC, +1 -50 PA, $24 \mathrm{VAC}, 0.25 \%, 1$ SNUB | SRCM050LBA2F1S | 1 | \$4,063.00 | 38\% | \$2,519.06 |
| SRCM-050LB-A2F2 | SETRA SYSTEMS, | RM COND MON BAC, +1 -50 PA, $24 \mathrm{VAC}, 0.25 \%$, 2 SNUB | SRCM050LBA2F2S | 1 | \$4,120.00 | 38\% | \$2,554.40 |
| SRCM-050LB-A2FN | SETRA SYSTEMS, | RM COND MON BAC, +1 -50 PA, $24 \mathrm{VAC}, 0.25 \%, 0$ SNUB | SRCM050LBA2FNS | 1 | \$4,006.00 | 38\% | \$2,483.72 |
| SRCM-050LB-A2H1 | SETRA SYSTEMS, | RM COND MON, BAC, +/-50 PA, $24 \mathrm{VAC}, 0.5 \%$, 1 SNUB | SRCM050LBA2H1S | 1 | \$3,677.00 | 38\% | \$2,279.74 |
| SRCM-050LB-A2H2 | SETRA SYSTEMS, | RM COND MON, BAC, +/-50 PA, $24 \mathrm{VAC}, 0.5 \%, 2$ SNUB | SRCM050LBA2H2S | 1 | \$3,677.00 | 38\% | \$2,279.74 |
| SRCM-050LB-A2HN | SETRA SYSTEMS, | RM COND MON, BAC +/-50 PA, $24 \mathrm{VAC}, 0.5 \%$, 0 SNUB | SRCMO5OLBA2HNS | 1 | \$3,677.00 | 38\% | \$2,279.74 |
| SRCM-OR1WB-AIF1 | SETRA SYSTEMS, | ROOM COND MON, + --0.10WC, $24 \mathrm{VAC}, 0.25 \%$, ONE SNUB | SRCMOR1WBAIFLS | 1 | \$3,756.00 | 38\% | \$2,328.72 |
| SRCM-OR1WB-A1F2 | SETRA SYSTEMS, | ROOM COND MON, $+1-0.10 \mathrm{WC}, 24 \mathrm{VAC}, 0.25 \%$, TWO SNUB | SRCMOR1WBA1F2S | 1 | \$3,812.00 | 38\% | \$2,363.44 |
| SRCM-OR1WB-AIfN | SETRA SYSTEMS, | ROOM COND MON, $+1-0.10 \mathrm{WC}, 24 \mathrm{VAC}, 0.25 \%$, NO SNUB | SRCMOR1WBAIFNS | 1 | \$3,699.00 | 38\% | \$2,293.38 |
| SRCM-OR1WB-A1H1 | SETRA SYSTEMS, | ROOM COND MON, + -0.10WC, $24 \mathrm{VAC}, 0.5 \%$, ONE SNUB | SRCMORIWBAIHIS | 1 | \$3,370.00 | 38\% | \$2,089.40 |
| SRCM-OR1WB-A1H2 | SETRA SYSTEMS, | ROOM COND MON, $+1-0.10 \mathrm{WC}, 24 \mathrm{VAC}, 0.5 \%$, TWO SNUB | SRCMOR1WBA1H2S | 1 | \$3,370.00 | 38\% | \$2,089.40 |
| SRCM-OR1WB-AIHN | SETRA SYSTEMS, | ROOM COND MON, $+1-0.10 \mathrm{WC}, 24 \mathrm{VAC}, 0.5 \%$, NO SNUB | SRCMOR1WBA1HNS | 1 | \$3,370.00 | 38\% | \$2,089.40 |
| SRCM-OR1WB-A2F1 | SETRA SYSTEMS, | RM COND MON BAC, $+1-0.10 \mathrm{WC}, 24 \mathrm{VAC}, 0.25 \%, 1$ SNUB | SRCMOR1WBAZF1S | 1 | \$4,063.00 | 38\% | \$2,519.06 |
| SRCM-OR1WB-A2F2 | SETRA SYSTEMS, | RM COND MON BAC, $+1-0.10 \mathrm{WC}, 24 \mathrm{VAC}, 0.25 \%, 2$ SNUB | SRCMOR1WBAZ22S | 1 | \$4,120.00 | 38\% | \$2,554.40 |
| SRCM-OR1WB-A2FN | SETRA SYSTEMS, | RM COND MON BAC, $+/-0.10 \mathrm{WC}, 24 \mathrm{VAC}, 0.25 \%, 0$ SNUB | SRCMOR1WBA2FNS | 1 | \$4,006.00 | 38\% | \$2,483.72 |
| SRCM-OR1WB-A2H1 | SETRA SYSTEMS, | RM COND MON, BAC,+ --. $10 \mathrm{WC}, 24 \mathrm{VAC}, 0.5 \%, 1$ SNUB | SRCMOR1WBAZHIS | 1 | \$3,677.00 | 38\% | \$2,279.74 |
| SRCM-OR1WB-A2H2 | SETRA SYSTEMS, | RM COND MON, BAC,+ --. 10 WC , $24 \mathrm{VAC}, 0.5 \%, 2$ SNUB | SRCMOR1WBAZH2S | 1 | \$3,677.00 | 38\% | \$2,279.74 |
| SRCM-OR1WB-A2HN | SETRA SYSTEMS, | RM COND MON, BAC + +-0.10WC, $24 \mathrm{VAC}, 0.5 \%, 0$ SNUB | SRCMOR1WBAZHNS | 1 | \$3,677.00 | 38\% | \$2,279.74 |
| SRCM-OR5WB-A1F1 | SETRA SYSTEMS, | ROOM COND MON, +/-0.50WC, $24 \mathrm{VAC}, 0.25 \%$, ONE SNUB | SRCMOR5WBA1F1S | 1 | \$3,756.00 | 38\% | \$2,328.72 |
| SRCM-OR5WB-A1F2 | SETRA SYSTEMS, | ROOM COND MON, $+1-0.50 W \mathrm{WC}, 24 \mathrm{VAC}, 0.25 \%$, TWO SNUB | SRCMOR5WBA1F2S | 1 | \$3,812.00 | 38\% | \$2,363.44 |
| SRCM-ORSWB-AIFN | SETRA SYSTEMS, | ROOM COND MON, $+1-0.50 \mathrm{WC}, 24 \mathrm{VAC}, 0.25 \%$, NO SNUB | SRCMOR5WBAIFNS | 1 | \$3,699.00 | 38\% | \$2,293.38 |
| SRCM-ORSWB-A1H1 | SETRA SYSTEMS, | ROOM COND MON, $+1-0.50 \mathrm{WC}, 24 \mathrm{VAC}, 0.5 \%$, ONE SNUB | SRCMORSWBAIHIS | 1 | \$3,370.00 | 38\% | \$2,089.40 |
| SRCM-ORSWB-A1H2 | SETRA SYSTEMS, | ROOM COND MON, + --0.50WC, $24 \mathrm{VAC}, 0.5 \%$, TWO SNUB | SRCMORSWBAIH2S | 1 | \$3,370.00 | 38\% | \$2,089.40 |
| SRCM-ORSWB-A1HN | SETRA SYSTEMS, | ROOM COND MON, + -0.50WC, $24 \mathrm{VAC}, 0.5 \%$, NO SNUB | SRCMORSWBAIHNS | 1 | \$3,370.00 | 38\% | \$2,089.40 |
| SRCM-OR5WB-A2F1 | SETRA SYSTEMS, | RM COND MON BAC, + --0.50WC, $24 \mathrm{vAC}, 0.25 \%, 15 \mathrm{SNUB}$ | SRCMORSWBA2F1S | 1 | \$4,063.00 | 38\% | \$2,519.06 |
| SRCM-OR5WB-A2F2 | SETRA SYSTEMS, | RM COND MON BAC, $+1-0.50 \mathrm{WC}, 24 \mathrm{VAC}, 0.25 \%, 2$ SNUB | SRCMOR5WBAZ22S | 1 | \$4,059.00 | 38\% | \$2,516.58 |
| SRCM-OR5WB-A2FN | SETRA SYSTEMS, | RM COND MON BAC, $+1-0.50 \mathrm{WC}, 24 \mathrm{VAC}, 0.25 \%, 0$ SNUB | SRCMORSWBA2FNS | 1 | \$4,006.00 | 38\% | \$2,483.72 |
| SRCM-ORSWB-A2H1 | SETRA SYSTEMS, | RM COND MON, BAC, $+1-0.50 \mathrm{WC}, 24 \mathrm{VAC}, 0.5 \%, 15 \mathrm{SNUB}$ | SRCMOR5WBA2H1S | 1 | \$3,677.00 | 38\% | \$2,279.74 |
| SRCM-OR5WB-A2H2 | SETRA SYSTEMS, | RM COND MON, BAC $,+-0.50 \mathrm{WC}, 24 \mathrm{VAC}, 0.5 \%, 2$ SNUB | SRCMOR5WBAZH2S | 1 | \$3,677.00 | 38\% | \$2,279.74 |
| SRCM-OR5WB-A2HN | SETRA SYSTEMS, | RM COND MON, BAC $+/-0.50 \mathrm{WC}, 24 \mathrm{VAC}, 0.5 \%, 0$ SNUB | SRCMOR5WBAZHNS | 1 | \$3,677.00 | 38\% | \$2,279.74 |
| SRCM-100LB-A1F1 | SETRA SYSTEMS, | ROOM COND MON, + /-100 PA, $24 \mathrm{VAC}, 0.25 \%$, ONE SNUB | SRCM100LBAIF1S | 1 | \$3,756.00 | 38\% | \$2,328.72 |
| SRCM-100LB-A1F2 | SETRA SYSTEMS, | ROOM COND MON, $+/-100 \mathrm{PA}, 24 \mathrm{VAC}, 0.25 \%$, TWO SNUB | SRCM100LBAIF2S | 1 | \$3,812.00 | 38\% | \$2,363.44 |
| SRCM-100LB-AIFN | SETRA SYSTEMS, | ROOM COND MON, +/-100 PA, $24 \mathrm{VAC}, 0.25 \%$, NO SNUB | SRCM100LBAIFNS | 1 | \$3,699.00 | 38\% | \$2,293.38 |
| SRCM- 100LB-A1H1 | SETRA SYSTEMS, | ROOM COND MON, +/-100 PA, 24 VAC , 0.5\%, ONE SNUB | SRCM100LBAIH1S | 1 | \$3,370.00 | 38\% | \$2,089.40 |
| SRCM-100LB-A1H2 | SETRA SYSTEMS, | ROOM COND MON, + --100 PA, $24 \mathrm{VAC}, 0.5 \%$, TWO SNUB | SRCM100LBAIH2S | 1 | \$3,370.00 | 38\% | \$2,089.40 |
| SRCM- 100LB-A1HN | SETRA SYSTEMS, | ROOM COND MON, +/-100 PA, $24 \mathrm{VAC}, 0.5 \%$, NO SNUB | SRCM100LBA1HNS | 1 | \$3,370.00 | 38\% | \$2,089.40 |
| SRCM-100LB-A2F1 | SETRA SYSTEMS, | RM COND MON BAC, + --100 PA, $24 \mathrm{VAC}, 0.25 \%, 1$ SNUB | SRCM100LBA2F1S | 1 | \$4,063.00 | 38\% | \$2,519.06 |
| SRCM-100LB-A2F2 | SETRA SYSTEMS, | RM COND MON BAC, + /-100 PA, $24 \mathrm{VAC}, 0.25 \%, 2$ SNUB | SRCM100LBA2F2S | 1 | \$4,120.00 | 38\% | \$2,554.40 |
| SRCM-100LB-A2FN | SETRA SYSTEMS, | RM COND MON BAC, + /-100 PA, $24 \mathrm{VAC}, 0.25 \%, 0$ SNUB | SRCM100LBA2FNS | 1 | \$4,006.00 | 38\% | \$2,483.72 |
| SRCM-100LB-A2H1 | SETRA SYSTEMS, | RM COND MON, BAC, + -100 PA, $24 \mathrm{VAC}, 0.5 \%$, 1 SNUB | SRCM100LBA2H1S | 1 | \$3,677.00 | 38\% | \$2,279.74 |
| SRCM- 100LB-A2H2 | SETRA SYSTEMS, | RM COND MON, BAC, +/-100 PA, $24 \mathrm{VAC}, 0.5 \%$, 2 SNUB | SRCM100LBA2H2S | 1 | \$3,677.00 | 38\% | \$2,279.74 |
| SRCM- 100LB-A2HN | SETRA SYSTEMS, | RM COND MON, BAC +/-100 PA, $24 \mathrm{VAC}, 0.5 \%$, 0 SNUB | SRCM100LBA2HNS | 1 | \$3,677.00 | 38\% | \$2,279.74 |
| SRCM-10CLB-A1F1 | SETRA SYSTEMS, | ROOM COND MON, +/-1000 PA, $24 \mathrm{VAC}, 0.25 \%$, ONE SNUB | SRCM10CLBAIF1S | 1 | \$3,756.00 | 38\% | \$2,328.72 |
| SRCM-10CLB-A1F2 | SETRA SYSTEMS, | ROOM COND MON, +/-1000 PA, $24 \mathrm{VAC}, 0.25 \%$, TWO SNUB | SRCM10CLBA1F2S | 1 | \$3,812.00 | 38\% | \$2,363.44 |
| SRCM- 10CLB-A1FN | SETRA SYSTEMS, | ROOM COND MON, + /-1000 PA, $24 \mathrm{VAC}, 0.25 \%$, NO SNUB | SRCM10CLBAIFNS | 1 | \$3,699.00 | 38\% | \$2,293.38 |
| SRCM-10CLB-A1H1 | SETRA SYSTEMS, | ROOM COND MON, +/-1000 PA, $24 \mathrm{VAC}, 0.5 \%$, ONE SNUB | SRCM10CLBAIH1S | 1 | \$3,370.00 | 38\% | \$2,089.40 |
| SRCM-10CLB-A1H2 | SETRA SYSTEMS, | ROOM COND MON, $+/-1000$ PA, $24 \mathrm{VAC}, 0.5 \%$, TWO SNUB | SRCM10CLBA1H2S | 1 | \$3,370.00 | 38\% | \$2,089.40 |
| SRCM- 10CLB-AIHN | SETRA SYSTEMS, | ROOM COND MON, +/-1000 PA, $24 \mathrm{VAC}, 0.5 \%$, NO SNUB | SRCM10CLBA ${ }^{\text {a }}$ (HNS | 1 | \$3,370.00 | 38\% | \$2,089.40 |
| SRCM-10CLL-A2F1 | SETRA SYSTEMS, | RM COND MON BAC, + -1000 PA, $24 \mathrm{VAC}, 0.25 \%, 1$ SNUB | SRCM10CLBA2F1S | 1 | \$4,063.00 | 38\% | \$2,519.06 |
| SRCM-10CLL-A2F2 | SETRA SYSTEMS, | RM COND MON BAC, $+1-1000$ PA, $24 \mathrm{VAC}, 0.25 \%, 2$ SNUB | SRCM10CLBA2F2S | 1 | \$4,120.00 | 38\% | \$2,554.40 |
| SRCM-10CLB-A2FN | SETRA SYYTEMS, | RM COND MON BAC, $+1-1000$ PA, $24 \mathrm{VAC}, 0.25 \%, 0$ SNUB | SRCM10CLIBAZFNS | 1 | \$4,006.00 | 38\% | \$2,483.72 |
| SRCM-10CLL--A2H1 | SETRA SYSTEMS, | RM COND MON, BAC + +/-1000 PA, $24 \mathrm{VAC}, 0.5 \%, 1$ SNUB | SRCM10CLBA2H1S | 1 | \$3,677.00 | 38\% | \$2,279.74 |
| SRCM-10CLB-A2H2 | SETRA SYSTEMS, | RM COND MON, BAC, +/-1000 PA, $24 \mathrm{VAC}, 0.5 \%, 2$ SNUB | SRCM10CLBA2H2S | 1 | \$3,677.00 | 38\% | \$2,279.74 |

The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Inctalled] Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenate of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, owers, water fountains, water heaters hot water tanks, garbage disposal
General Ductwork, Piping, etc. shall not be obtained on these contracts
2. Chillers, Rooftop Units, boilers, air handers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not:
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose IT, Telecommumications, Networking Cabling, Fiber Optics (e.g. phone, pbx, digital centrex, digital key systems, television, cable, T-Line, general broadband,
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc.).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Intalled] Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pa platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or mainten

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs .
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms video video conferencing equipment, Theatre Screens Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Installedl] Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pa platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or mainten er of Integrated Microprocessor-Based HVAC Equipment;

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose IT, Telecommunications, Networking Cabing, Fiber Optics (e.g. phone, pbx, digital centrex, digital key systems, television, cable, T-Line, general broadband,
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc.).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

|  | Ion |  |  | List Price | \% Discount | Nvs |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 242-00213 | SIEMENS INDUSTRY, INC. (LIMIT 2W,1IIN,NPT,Cv 7.0,NC,2P,24VAC | KELE BOM | , | \$185.60 | 38\% | \$115.07 |
| 242-00214 | SIEMENS INDUSTRY, INC. (LIMIT 2W,1/1/2N,NPT,Cv 4.0,NC,2P,24VAC | KELE BOM | 1 | \$163.26 | 38\% | \$101.22 |
| 242-00230 | SIEMENS INDUSTRY, INC. (LIMIT 3W,1/1/IN,NPT, CV 1.0, NC, 2P, 24VAC | KELE BOM | 1 | \$172.81 | 38\% | \$107.14 |
| 242-00231 | SIEMENS INDUSTRY, INC. (LIMIT 3W,1/2IN,NPT,Cv 2.5,NC,2P,24VAC | KELE BOM | 1 | \$172.81 | 38\% | \$107.14 |
| 242-00232 | SIEMENS INDUSTRY, INC. (LIMIT 3W,3/4in,1PT,CV 4.1,NC,2P,24VAC | KELE Bom | 1 | \$182.98 | 38\% | \$113.45 |
| 242-00233 | SIEMENS INDUSTRY, INC. (LIMIT 3W,1IN,NPT,CV 7.0,NC,2P, 24VAC | KELE Bom | 1 | \$202.05 | 38\% | \$125.27 |
| 242-00234 | SIEMENS INDUSTRY, Inc. (LIMIT 3W,1/2IN,NPT,CV 4.0,NC,2P,24VAC | KELE BOM | 1 | \$172.81 | 38\% | \$107.14 |
| 242-00510 | SIEMENS INDUSTRY, INC. (LIMIT 2W,1/1/2N,SWt,CV 1.0,NC, $2 \mathrm{P}, 24 \mathrm{VAC}$ | KELE BOM | 1 | \$163.26 | 38\% | \$101.22 |
| 242-00511 | SIEMENS INDUSTRY, INC. (LIMIT 2W, $1 / 2$ IN, Swt,CV 2.5, NC, $2 \mathrm{P}, 24 \mathrm{VAC}$ | KELE BOM | 1 | \$163.26 | 38\% | \$101.22 |
| 242-00512 | SIEMENS INDUSTRY, INC. (LIMIT 2W,3/4iN, Swt,CV 4.1,NC, 2P,24VAC | KELE BOM | 1 | \$170.30 | 38\% | \$105.59 |
| 242-00513 | SIEMENS INDUSTRY, INC. (LMITT 2w,1in,Swt,Cv 7.0,NC,2P, 24VAC | KELE BOM | 1 | \$185.60 | 38\% | \$115.07 |
| 242-00514 | SIEMENS INDUSTRY, INC. (LIMIT 2W, $1 / 2 / 2$ IN, Swt,CV 4.0, $\mathrm{NC}, 2 \mathrm{P}, 24 \mathrm{VVAC}$ | KELE BOM | 1 | \$163.26 | 38\% | \$101.22 |
| 242-00530 | SIEMENS INDUSTRY, INC. (LIMIT 3W,1/2IN,SWt,CV 1.0,NC,2P,24VAC | KELE BOM | 1 | \$172.81 | 38\% | \$107.14 |
| 242-00531 |  | KELE Bom | 1 | \$172.81 | 38\% | \$107.14 |
| 242-00532 | SIEMENS INDUSTRY, Inc. (LIMIT 3W,3/4IN,SWt,CV 4.1,NC,2P,24VAC | KELE Bom | 1 | \$182.98 | 38\% | \$113.45 |
| 242-00533 | SIEMENS INDUSTRY, INC. (LMITT 3W,1IN,Swt,Cv 7.0,NC,2P, 24VAC | KELE BOM | 1 | \$202.05 | 38\% | \$125.27 |
| 242-00534 | SIEMENS INDUSTRY, INC. (LIMIT 3W, $1 / 1 / 2 \mathrm{IN}$, Swt, CV 4.0,NC, $2 \mathrm{P}, 24 \mathrm{VAC}$ | KELE BOM | 1 | \$172.81 | 38\% | \$107.14 |
| 243-00210 | SIEMENS INDUSTRY, INC. (LIMIT 2W,1/2IN,NPT,CV 1.0,NO,2P,24VAC | KELE BOM | 1 | \$163.26 | 38\% | \$101.22 |
| 243-00211 | SIEMENS INDUSTRY, INC. (LIMIT 2W,1/2IN,NPT,CV 2.5,N0,2P,24VAC | KELE BOM | 1 | \$163.26 | 38\% | \$101.22 |
| 243-00212 | SIEMENS INDUSTRY, INC. (LIMIT 2W,3/4in,NPT,CV 4.1,No,2P,24VAC | KELE Bom | 1 | \$170.30 | 38\% | \$105.59 |
| 243-00213 | SIEMENS INDUSTRY, INC. (LIMIT 2W,1IN,NPT,Cv 7.0,NO, 2P,24VAC | KELE Bom | 1 | \$185.60 | 38\% | \$115.07 |
| 243-00214 | SIEMENS INDUSTRY, INC. (LIMIT 2W,1/2IN,NPT,CV 4.0,N0,2P,24VAC | KELE BOM | 1 | \$163.26 | 38\% | \$101.22 |
| 243-00230 | SIEMENS INDUSTRY, INC. (LIMIT 3W,1/2IN,NPT,CV 1.0,N0,2P,24VAC | KELE Bom | 1 | \$172.81 | 38\% | \$107.14 |
| 243-00231 | SIEMENS INDUSTRY, INC. (LIMIT 3W, $1 / 2 \mathrm{ILN}, \mathrm{NPT}, \mathrm{CV} 2.5, \mathrm{NO}, 2 \mathrm{P}, 24 \mathrm{VAC}$ | KELE BOM | 1 | \$172.81 | 38\% | \$107.14 |
| 243-00232 | SIEMENS INDUSTRY, INC. (LIMIT 3W,3/4in,NPT,CV 4.1,N0,2PP,24VAC | KELE BOM | 1 | \$182.98 | 38\% | \$113.45 |
| 243-00233 | SIEMENS INDUSTRY, INC. (LIMIT 3W,1IN,NPT, Cv 7.0,No,2PP,24VAC | KELE BOM | 1 | \$202.05 | 38\% | \$125.27 |
| 243-00234 | SIEMENS INDUSTRY, INC. (LIMIT 3W,1/2IN,NPT,CV 4.0,NO,2P,24VAC | KELE BOM | 1 | \$172.81 | 38\% | \$107.14 |
| 243-00510 | SIEMENS INDUSTRY, INC. (LIMIT 2W,1/2IN,SWt,CV 1.0,No,2P,24VAC | KELE BOM | 1 | \$163.26 | 38\% | \$101.22 |
| 243-00511 | SIEMENS INDUSTRY, INC. (LIMIT 2W,1/2IN,SWt,CV 2.5,No,2P,24VAC | KELE Bom | 1 | \$163.26 | 38\% | \$101.22 |
| 243-00512 | SIEMENS INDUSTRY, INC. (LIMIT 2W,3/4IN, SWt,CV 4.1,No,2P,24VAC | KELE BOM | 1 | \$170.30 | 38\% | \$105.59 |
| 243-00513 | SIEMENS INDUSTRY, INC. (LIMIT 2W,1IN,SWt,Cv 7.0,No,2P, 24VAC | KELE BOM | 1 | \$185.60 | 38\% | \$115.07 |
| 243-00514 | SIEMENS INDUSTRY, INC. (LIMIT 2W, 1/2IN, Swt,CV 4.0,NO, 2P,24VAC | KELE BOM | 1 | \$163.26 | 38\% | \$101.22 |
| 243-00530 | SIEMENS INDUSTRY, INC. (LIMIT 3W,1/1/2N,SWt,CV 1.0,NO,2P,24VAC | KELE BOM | 1 | \$172.81 | 38\% | \$107.14 |
| 243-00531 | SIEMENS INDUSTRY, INC. (LIMIT 3W,1/2IN,SWt,CV 2.5,No, 2P,24VAC | KELE BOM | 1 | \$172.81 | 38\% | \$107.14 |
| 243-00532 | SIEMENS INDUSTRY, INC. (LIMIT 3W,3/4IN,SWt,CV 4.1,No,2P,24VAC | KELE Bom | 1 | \$182.98 | 38\% | \$113.45 |
| 243-00533 | SIEMENS INDUSTRY, INC. (LIMIT 3W,1IN,SWt,CV 7.0,NO,2P,24VAC | KELE Bom | 1 | \$202.05 | 38\% | \$125.27 |
| 243-00534 | SIEMENS INDUSTRY, INC. (LIMIT 3W,1/1/2N,5wt,CV 4.0,NO,2P,24VAC | KELE BOM | 1 | \$172.81 | 38\% | \$107.14 |
| 244-00210 | SIEMENS INDUSTRY, INC. (LIMIT 2W, 1/2IN,NPT,CV 1.0,NSR,3P NC,24VAC | KELE BOM | 1 | \$180.57 | 38\% | \$111.95 |
| 244-00211 | SIEMENS INDUSTRY, INC. (LIMIT 2W, 1/2IN,NPT,CV 2.5,NSR,3P NC,24VAC | KELE BOM | 1 | \$180.57 | 38\% | \$111.95 |
| 244-00212 | SIEMENS INDUSTRY, INC. (LIMIT 2W,3/4IN,NPT,CV 4.1,NSR,3P NC,24VAC | KELE BOM | 1 | \$187.61 | 38\% | \$116.32 |
| 244-00213 | SIEMENS INDUSTRY, INC. (LIMIT 2W,1IN,NPT,CV 7.0,NSR,3P NC,24VAC | KELE Bom | 1 | \$202.91 | 38\% | \$125.80 |
| 244-00214 | SIEMENS INDUSTRY, INC. (LIMIT 2W,1/2IN,NPT,CV 4.0,NSR,3P NC,24VAC | KELE Bom | 1 | \$180.57 | 38\% | \$111.95 |
| 244-00230 | SIEMENS INDUSTRY, INC. (LIMIT 3W,1/2IN,NPT,CV 1.0,NSR,3P NC,24VAC | KELE BOM | 1 | \$190.12 | 38\% | \$117.87 |
| $244-00231$ | SIEMENS INDUSTRY, INC. (LIMIT 3W, 1/2IN,NPT,CV 2.5,NSR,3P NC,24VAC | KELE BOM | 1 | \$190.12 | 38\% | \$117.87 |
| 244-00232 | SIEMENS INDUSTRY, INC. (LIMIT 3W,3/4IN,NPT, CV 4.1,NSR,3P NC,24VAC | KELE BOM | 1 | \$200.29 | 38\% | \$124.18 |
| $244-00233$ | SIEMENS INDUSTRY, INC. (LIMIT 3W, IIN,NPT,CV 7.0,NSR,3P NC,24VAC | KELE BOM | 1 | \$219.36 | 38\% | \$136.00 |
| 244-00234 | SIEMENS INDUSTRY, INC. (LIMIT 3W,1/2IN,NPT,CV 4.0,NSR,3P NC,24VAC | KELE BOM | 1 | \$190.12 | 38\% | \$117.87 |
| 244-00510 | SIEMENS INDUSTRY, INC. (LIMIT 2W,1/2IN,SWt,CV 1.0,NSR,3P NC,24VAC | KELE BOM | 1 | \$180.57 | 38\% | \$111.95 |
| 244-00511 | SIEMENS INDUSTRY, INC. (LIMIT 2W,1/2IN,SWt,CV 2.5,NSR,3P NC,24VAC | KELE BOM | 1 | \$180.57 | 38\% | \$111.95 |
| 244-00512 | SIEMENS INDUSTRY, INC. (LIMIT 2W,3/4iN,Swt,Cv 4.1,NSR,3P NC,24VAC | KELE Bom | 1 | \$187.61 | 38\% | \$116.32 |
| 244-00513 | SIEMENS INDUSTRY, INC. (LIMIT 2W,1IN,SWt,CV 7.0,NSR,3P NC,24VAC | KELE Bom | 1 | \$202.91 | 38\% | \$125.80 |
| $244-00514$ | SIEMENS INDUSTRY, INC. (LIMIT 2W, 1/2IN,SWt, CV 4.0,NSR,3P NC,24VAC | KELE BOM | 1 | \$180.57 | 38\% | \$111.95 |
| 244-00530 | SIEMENS INDUSTRY, INC. (LIMIT 3W,1/2IN,SWt,CV 1.0,NSR,3P NC,24VAC | KELE BOM | 1 | \$190.12 | 38\% | \$117.87 |
| 244-00531 | SIEMENS INDUSTRY, INC. (LIMIT 3W, 1/2IN,Swt,CV 2.5,NSR,3P NC,24VAC | KELE BOM | 1 | \$190.12 | 38\% | \$117.87 |
| 244-00532 | SIEMENS INDUSTRY, INC. (LIMIT 3W,3/4iN,SWt,CV 4.1,NSR,3P NC,24VAC | KELE BOM | 1 | \$200.29 | 38\% | \$124.18 |
| 244-00533 | SIEMENS INDUSTRY, INC. (LIMIT 3W,1IN,SWt,CV 7.0,NSR,3P NC,24VAC | KELE Bom | 1 | \$219.36 | 38\% | \$136.00 |
| 244-00534 | SIEMENS INDUSTRY, INC. (LIMIT 3W,1/2IN,Swt,CV 4.0,NSR,3P NC,24VAC | KELE Bom | 1 | \$190.12 | 38\% | \$117.87 |
| 245-00210 | SIEMENS INDUSTRY, Inc. (LIMIT 2W,1/2IIN,NPT,CV 1.0,NSR,0-10VDC NC,24VAC | KELE BOM | 1 | \$270.05 | 38\% | \$167.43 |
| 245-00211 | SIEMENS INDUSTRY, INC. (LIMITT 2W,1/2IN,NPT,CV 2.5,NSR, 0-10VDC NC,24VAC | KELE BOM | 1 | \$270.05 | 38\% | \$167.43 |
| 245-00212 | SIEMENS INDUSTRY, INC. (LIMIT 2W,3/4in,NPT,CV 4.1,NSR,0-010VDC NC,24VAC | KELE BOM | 1 | \$277.09 | 38\% | \$171.80 |
| 245-00213 | SIEMENS INDUSTRY, INC. (LIMIT 2W,1IN,NPT, CV 7.0,NSR, 0-10VDC NC,24VAC | KELE BOM | 1 | \$292.39 | 38\% | \$181.28 |
| 245-00214 | SIEMENS INDUSTRY, INC. (LIMIT 2W,1/2IN,NPT,CV 4.0,NSR,0-010VDC NC,24VAC | KELE Bom | 1 | \$270.05 | 38\% | \$167.43 |
| 245-00230 | SIEMENS INDUSTRY, INC. (LIMIT 3W,1/2IN,NPT,CV 1.0,NSR, 0 -10VDC NC,24VAC | KELE Bom | 1 | \$279.60 | 38\% | \$173.35 |
| 245-00231 | SIEMENS INDUSTRY, Inc. (LIMIT 3W,1/2İ,NPT,CV 2.5,NSR,0-10VDC NC,24VAC | KELE BOM | 1 | \$279.60 | 38\% | \$173.35 |
| 245-00232 | SIEMENS INDUSTRY, INC. (LIMIT 3W,3/4IIN,NPT,Cv 4.1,NSR,0-010VDC NC,24VAC | KELE BOM | 1 | \$289.77 | 38\% | \$179.66 |
| 245-00233 | SIEMENS INDUSTRY, INC. (LIMIT 3W,1IN,NPT,Cv 7.0,NSR,0-10VDC NC,24VAC | KELE BOM | 1 | \$308.84 | 38\% | \$191.48 |
| 245-00234 | SIEMENS INDUSTRY, INC. (LIMIT 3W,1/2IN,NPT,CV 4.0,NSR,0-010VDC NC,24VAC | KELE BOM | 1 | \$279.60 | 38\% | \$173.35 |
| 245-00510 | SIEMENS INDUSTRY, INC. (LIMIT 2W,1/2IN,SWt,CV 1.0,NSR,0-10VDC NC, 24VAC | KELE BOM | 1 | \$270.05 | 38\% | \$167.43 |
| 245-00511 | SIEMENS INDUSTRY, INC. (LIMIT 2W,1/2IN,SWt,CV 2.5, ,NSR,0-10VDC NC, 24 VAC | KELE BOM | 1 | \$270.05 | 38\% | \$167.43 |
| 245-00512 | SIEMENS INDUSTRY, INC. (LIMIT 2W,3/4iN,SWt,CV 4.1,NSR,0-10VDC NC,24VAC | KELE Bom | 1 | \$277.09 | 38\% | \$171.80 |
| 245-00513 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W}, 1 \mathrm{IN}, \mathrm{SWt}$, CV 7.0, NSR,0-10VDC NC,24VAC | KELE BOM | 1 | \$292.39 | 38\% | \$181.28 |
| 245-00514 | SIEMENS INDUSTRY, INC. (LIMITT 2W,1/2IN,Swt,CV 4.0,NSR,0-10VDC NC, 24 VVAC | KELE BOM | 1 | \$270.05 | 38\% | \$167.43 |
| 245-00530 | SIEMENS INDUSTRY, INC. (LIMIT 3W,1/2IN,SWt,CV 1.0,NSR,0-10VDC NC, 24 VVAC | KELE BOM | 1 | \$279.60 | 38\% | \$173.35 |
| 245-00531 | SIEMENS INDUSTRY, INC. (LIMIT 3W,1/2IN,SWt,CV 2.5,NSR, 0-10VDC NC, 24 VVAC | KELE BOM | 1 | \$279.60 | 38\% | \$173.35 |
| 245-00532 | SIEMENS INDUSTRY, INC. (LIMIT 3W,3/4in,Swt,CV 4.1,NSR,0-10VDC NC, $24 \mathrm{4VAC}$ | KELE BOM | 1 | \$289.77 | 38\% | \$179.66 |
| 244-000333 | SIEMENS INDUSTRY, INC. (LIMTT 3W, 1iN,Swt,Cu 7.0,NSR, 0 -10VVC NC, 2 2VAC | KELE BOM | 1 | \$307.84 | 38\% | \$191.48 |
| 245-00534 | SIEMENS INDUSTRY, INC. (LIMIT 3W,1/2IN,SWt,CV 4.0,NSR,0-10VDC NC, 24 VVAC | KELE Bom | 1 | \$279.60 | 38\% | \$173.35 |
| 248-00210 | SIEMENS INDUSTRY, INC. (LIMITT 2W,1/2IN,NPT,CV 1.0,NSR, --10VVC No, 2 2VAC | KELE BOM | 1 | \$277.05 | 38\% | \$167.43 |
| $248-00211$ | SIEMENS INDUSTRY, INC. (LIMIT 2W,1/2IN,NPT,CV 2.5,NSR,0-10VDC N0,24VAC | KELE BOM | 1 | \$270.05 | 38\% | \$167.43 |
| 248-00212 | SIEMENS INDUSTRY, INC. (LIMITT 2W,3/4IIN,NPT,CV 4.1,NSR,0-10VDC No,24VAC | KELE BOM | 1 | \$277.09 | 38\% | \$171.80 |
| 248-00213 | SIEMENS INDUSTRY, INC. (LIMIT 2W, IT, NPT, CV 7.0,NSR, 0-10VDC NO,24VAC | KELE BOM | 1 | \$292.39 | 38\% | \$181.28 |
| 248-00214 | SIEMENS INDUSTRY, INC. (LIMIT 2W,1/2IN,NPT,CV 4.0,NSR,0-10VDC NO,24VAC | KELE BOM | 1 | \$270.05 | 38\% | \$167.43 |
| 248-00230 | SIEMENS INDUSTRY, INC. (LIMIT $3 \mathrm{WW}, 1 / 2 \mathrm{IN}$, NPT, CV 1.0, NSR,0-10VDC NO,24VAC | KELE BOM | 1 | \$279.60 | 38\% | \$173.35 |
| 248-00231 | SIEMENS INDUSTRY, INC. (LIMIT 3W,1/2IT,NPT,CV 2.5,NSR,0-010VDC N0,24VAC | KELE Bom | 1 | \$279.60 | 38\% | \$173.35 |
| $248-00232$ | SIEMENS INDUSTRY, INC. (LIMIT 3W, 3/4IN,NPT,CV 4.1,NSR,0-10VDC NO, 24VAC | KELE BOM | 1 | \$289.77 | 38\% | \$179.66 |
| $248-00233$ | SIEMENS INDUSTRY, INC. (LIMIT 3W,1IN,NPT,CV 7.0,NSR,0-10VDC NO,24VAC | KELE BOM | 1 | \$308.84 | 38\% | \$191.48 |
| 248-00234 | SIEMENS INDUSTRY, INC. (LIMIT 3W,1/2IN,NPT, CV 4.0,NSR,0-10VDC NO,24VAC | KELE BOM | 1 | \$279.60 | 38\% | \$173.35 |
| 248-00510 | SIEMENS INDUSTRY, INC. (LIMIT 2W,1/2IN,Swt,CV 10,NSR,0-10VDC No, 24 VVAC | KELE BOM | 1 | \$270.05 | 38\% | \$167.43 |
| 248-00511 | SIEMENS INDUSTRY, INC. (LIMIT 2W,1/2IN,SWt,CV 2.5,NSR,0-10VDC NO, 24VAC | KELE BOM | 1 | \$270.05 | 38\% | \$167.43 |
| 248-00512 | SIEMENS INDUSTRY, INC. (LIMIT 2W,3/4in,Swt,CV 4.1,NSR,0-10VDC No,24VAC | KELE BOM | 1 | \$277.09 | 38\% | \$171.80 |
| 248-00513 | SIEMENS INDUSTRY, INC. (LIMIT 2W,1IN,Swt,CV 7.0,NSR,0-10VDC NO,24VAC | KELE BOM | 1 | \$292.39 | 38\% | \$181.28 |
| 248-00514 | SIEMENS INDUSTRY, INC. (LIMITT 2W,1/2IN,SWt,CV 4.0,NSR, 0-10VDC NO, 24VAC | KELE BOM | 1 | \$270.05 | 38\% | \$167.43 |
| 248-00530 | SIEMENS INDUSTRY, INC. (LIMITT 3W,1/2IN,SWt,CV 1.0,NSR,0-10VDC No, 2 2VAC | KELE BOM | 1 | \$279.60 | 38\% | \$173.35 |
| $248-00531$ | SIEMENS INDUSTRY, INC. (LIMITT 3W,1/2IN,SWL,CV 2.5,NSR,0-10VDC No, 2 UVAC | KELE BOM | 1 | \$279.60 | 38\% | \$173.35 |
| 248-00532 | SIEMENS INDUSTRY, INC. (LIMIT 3W,3/4in,Swt,CV 4.1,NSR, 0 -10VDC No, 24 VAC | KELE BOM | 1 | \$289.77 | 38\% | \$179.66 |
| 248-00533 | SIEMENS INDUSTRY, INC. (LIMIT 3W,1IN,SWT,CV 7.0,NSR, 0-10VDC NO,24VAC | KELE BOM | 1 | \$308.84 | 38\% | \$191.48 |
| 248-00534 | SIEMENS INDUSTRY, INC. (LIMIT 3W,1/2IN,SWt,CV 4.0,NSR,0-10VDC N0,24VAC | KELE BOM | 1 | \$279.60 | 38\% | \$173.35 |
| 254-01121 | SIEMENS INDUSTRY, INC. (LIMIT 2WNO LN,BZ,OR FxF , 5/1.6 | 254-01121 | 1 | \$211.75 | 38\% | \$131.29 |
| 256-02000 | SIEMENS INDUSTRY, INC. (LIMTIT $2 \mathrm{~W} 1 / 2$ NPT BRASS NC CVO. 4 SR10-15 2 IN PPEU ACT | KELE BOM | 1 | \$194.84 | 38\% | \$120.80 |
| 256-02002 | SIEMENS INDUSTRY, INC. (LIMIT 2 W 1/2 2 NPT BRASS NC CV.63 SR10-15 2 IN PNEU ACT | KELE BOM | 1 | \$194.84 | 38\% | \$120.80 |
| 256-02004 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT BRASS NC CV1.0 SR10-15 2 IN PNEU ACT | KELE BOM | 1 | \$194.84 | 38\% | \$120.80 |
| 256-02006 | SIEMENS INDUSTRY, INC. (LIMIT 2 W 1/2 NPT BRASS NC CV1.6 SR10-15 2 IN PNEU ACT | KELE BOM | 1 | \$194.84 | 38\% | \$120.80 |
| 256-02008 | SIEMENS INDUSTRY, INC. (LIMIT 2 W 1/2 2 NPT BRASS NC CV2.5 SR10-15 2 IN PNEU ACT | KELE BOM | 1 | \$194.84 | 38\% | \$120.80 |
| 256-02010 | SIEMENS INDUSTRY, INC. (LIMIT 2 W 1/2 2 NPT BRASS NC CV4.0 SR10-15 2 IN PNEU ACT | KELE BOM | 1 | \$194.84 | 38\% | \$120.80 |
| 256-02012 | SIEMENS INDUSTRY, INC. (LIMIT 2 W 3/4 4 NPT BRASS NC CV6. 3 SR10-15 2 IN PNEU ACT | KELE BOM | 1 | \$215.74 | 38\% | \$133.76 |

The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Inctalled], Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor ntrolled H. platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, Wers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator,
A. Factory Installed/Factory-Provided micro-processor--controlled included pump, remote I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc.).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

|  | gurer |  | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54 " | Lsit Pice | \% Discount | SNat Pict |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 256-02014 | SIEMENS INDUSTRY, INC. (LIMIT 2W 1 NPT BRASS NC CV10 SR10-15 2 IN PNEU ACT | KELE BOM | 1 | \$272.52 | 38\% | \$168.96 |
| 256-02015 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT SS NC CV0.4 SR10-15 2 IN PNEU ACT | KELE BOM | 1 | \$248.76 | 38\% | \$154.23 |
| 256-02017 | SIEMENS INDUSTRY, INC. (LIMIT 2 W 1/2 2 NPT SS NC CV. 63 SR10-15 2 IN PNEU ACT | KELE BOM | 1 | \$248.76 | 38\% | \$154.23 |
| 256-02019 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT SS NC CV1.0 SR10-15 2 IN PNEU ACT | KELE Bom | 1 | \$248.76 | 38\% | \$154.23 |
| 256-02021 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT SS NC CV1.6 SR10-15 2 IN PNEU ACT | KELE BOM | 1 | \$248.76 | 38\% | \$154.23 |
| 256-02023 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT SS NC CV2.5 SR10-15 2 IN PNEU ACT | KELE BOM | 1 | \$248.76 | 38\% | \$154.23 |
| 256-02025 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT SS NC CV4.0 SR10-15 2 IN PNEU ACT | KELE Bom | 1 | \$248.76 | 38\% | \$154.23 |
| 256-02027 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 3 / 4$ NPT SS NC CV6. 3 SR10-15 2 IN PNEU ACT | KELE BOM | 1 | \$274.29 | 38\% | \$170.06 |
| 256-02029 | SIEMENS INDUSTRY, INC. (LIMIT 2 W 1 IPT SS NC CV10 SR10-15 2 IN PNEU ACT | KELE BOM | 1 | \$366.42 | 38\% | \$227.18 |
| 256-02030A | SIEMENS INDUSTRY, INC. (LIMIT 2 W 1/2 2 NPT BRASS No CV0.4 SR10-15 2 IN PNEU ACT | KELE Bom | 1 | \$194.84 | 38\% | \$120.80 |
| 256-02032A | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT BRASS No CV. 63 SR10-15 2 IN PNEU ACT | KELE Bom | 1 | \$194.84 | 38\% | \$120.80 |
| 256-02034A | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT BRASS No CV1.0 SR10-15 2 IN PNEU ACT | KELE Bom | 1 | \$194.84 | 38\% | \$120.80 |
| 256-02036A | SIEMENS INDUSTRY, INC. (LIMIT 2 W 1/2 2 NPT BRASS No CV1.6 SR10-15 2 IN PNEU ACT | KELE BOM | 1 | \$194.84 | 38\% | \$120.80 |
| 256-02038A | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT BRASS No CV2.5 SR10-15 2 IN PNEU ACT | KELE Bom | 1 | \$194.84 | 38\% | \$120.80 |
| 256-02041A | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT BRASS No CV4.0 SR10-15 2 IN PNEU ACT | KELE BOM | 1 | \$194.84 | 38\% | \$120.80 |
| 256-02047A | SIEMENS INDUSTRY, INC. (LIMIT 2W $1 / 2$ NPT SS No CV0.4 SR10-15 2 IN PNEU ACT | KELE BOM | 1 | \$248.76 | 38\% | \$154.23 |
| 256-02049A | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT SS No cV. 63 SR10-15 2 IN PNEU ACT | KELE Bom | 1 | \$248.76 | 38\% | \$154.23 |
| 256-02051A | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT SS NO CV1.0 SR10-15 2 IN PNEU ACT | KELE Bom | 1 | \$248.76 | 38\% | \$154.23 |
| 256-02053A | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT SS No CV1.6 SR10-15 2 IN PNEU ACT | KELE Bom | 1 | \$248.76 | 38\% | \$154.23 |
| 256-02055A | SIEMENS INDUSTRY, INC. (LIMIT 2W $1 / 2$ NPT SS No CV2.5 SR10-15 2 IN PNEU ACT | KELE BOM | 1 | \$248.76 | 38\% | \$154.23 |
| 256-02058A | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT SS No CV4.0 SR10-15 2 IN PNEU ACT | KELE BOM | 1 | \$248.76 | 38\% | \$154.23 |
| 256-02064A | SIEMENS INDUSTRY, INC. (LIMIT $3 \mathrm{3W} 1 / 2$ NPT BRASS MIX CV0. 4 SR10-15 2 IN PNEU ACT | KELE BOM | 1 | \$211.95 | 38\% | \$131.41 |
| 256-02065A | SIEMENS INDUSTRY, INC. (LIMIT 3W $1 / 2$ NPT BRASS MIX CV. 63 SR10-15 2 IN PNEU ACT | KELE BOM | 1 | \$211.95 | 38\% | \$131.41 |
| 256-02066A | SIEMENS INDUSTRY, INC. (LIMIT 3W $1 / 2$ NPT BRASS MIX CV1.0 SR10-15 2 IN PNEU ACT | KELE BOM | 1 | \$211.95 | 38\% | \$131.41 |
| 256-02067A | SIEMENS INDUSTRY, INC. (LIMIT 3W $1 / 2$ NPT BRASS MIX CV1.6 SR10-15 2 IN PNEU ACT | kELE BOM | 1 | \$211.95 | 38\% | \$131.41 |
| 256-02068A | SIEMENS INDUSTRY, INC. (LIMIT 3W $1 / 2$ NPT BRASS MIX CV2.5 SR10-15 2 IN PNEU ACT | KELE Bom | 1 | \$211.95 | 38\% | \$131.41 |
| 256-02069 A | SIEMENS INDUSTRY, INC. (LIMIT 3W $1 / 2$ NPT BRASS MIX CV4.0 SR10-15 2 IN PNEU ACT | KELE BOM | 1 | \$211.95 | 38\% | \$131.41 |
| 256-02070 A | SIEMENS INDUSTRY, INC. (LIMIT $3 \mathrm{3W} 3 / 4$ NPT BRASS MIX CV6. 3 SR10-15 2 IN PNEU ACT | KELE BOM | 1 | \$240.23 | 38\% | \$148.94 |
| 256-02071A | SIEMENS INDUSTRY, INC. (LIMIT 3 W 1 1 NPT BRASS MIX CV10 SR10-15 2 In PNEU ACT | KELE BOM | 1 | \$303.73 | 38\% | \$188.31 |
| 256-02072A | SIEMENS INDUSTRY, INC. (LIMIT 3W $1 / 2$ NPT SS MIX CV0.4 SR10-15 2 IN PNEU ACT | KELE BOM | 1 | \$269.56 | 38\% | \$167.13 |
| 256-02073A | SIEMENS INDUSTRY, INC. (LIMIT 3W $1 / 2$ NPT SS MIX CV. 63 SR10-15 2 IN PNEU ACT | KELE BOM | 1 | \$269.56 | 38\% | \$167.13 |
| 256-02074 A | SIEMENS INDUSTRY, INC. (LIMIT $3 \mathrm{~W} 1 / 2$ NPT SS MIX CV1.0 SR10-15 2 IN PNEU ACT | kELE BOM | 1 | \$269.56 | 38\% | \$167.13 |
| 256-02075A | SIEMENS INDUSTRY, INC. (LIMIT 3W $1 / 2$ NPT SS MIX CV1.6 SR10-15 2 IN PNEU ACT | KELE BOM | 1 | \$269.56 | 38\% | \$167.13 |
| 256-02076A | SIEMENS INDUSTRY, INC. (LIMIT 3W $1 / 2$ NPT SS MIX CV2.5 SR10-15 2 IN PNEU ACT | KELE BOM | 1 | \$269.56 | 38\% | \$167.13 |
| 256-02077A | SIEMENS INDUSTRY, INC. (LIMIT $3 \mathrm{~W} 1 / 2$ NPT SS MIX CV4.0 SR10-15 2 IN PNEU ACT | kELE Bom | 1 | \$269.56 | 38\% | \$167.13 |
| 256-02078A | SIEMENS INDUSTRY, INC. (LIMIT 3W 3/4 NPT SS MIX CV6.3 SR10-15 2 IN PNEU ACT | KELE BOM | 1 | \$323.61 | 38\% | \$200.64 |
| 256-02079 A | SIEMENS INDUSTRY, INC. (LIMIT 3 W 1 NPT SS MIX CV10 SR10-15 2 In PNEU ACT | KELE BOM | 1 | \$402.72 | 38\% | \$249.69 |
| 257-02000B | SIEMENS INDUSTRY, INC. (LIIIT $2 \mathrm{~W} 1 / 2$ NPT BRASS NC CVO. 4 SR3-8 2 IN PNEU ACT | kELE BOM | 1 | \$194.84 | 38\% | \$120.80 |
| 257-02002B | SIEMENS INDUSTRY, INC. (LIIIT $2 \mathrm{~W} 1 / 2$ NPT BRASS NC CV. 63 SR3-8 2 IN PNEU ACT | kELE BOM | 1 | \$194.84 | 38\% | \$120.80 |
| 257-02004B | SIEMENS INDUSTRY, INC. (LIIIT $2 \mathrm{~W} 1 / 2$ NPT BRASS NC CV1.0 SR3-8 2 IN PNEU ACT | KELE BOM | 1 | \$194.84 | 38\% | \$120.80 |
| 257-02006B | SIEMENS INDUSTRY, INC. (LIMIT 2W $1 / 2$ NPT BRASS NC CV1. 6 SR3-8 2 IN PNEU ACT | KELE BOM | 1 | \$194.84 | 38\% | \$120.80 |
| 257-02008B | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT BRASS NC CV2.5 SR3-8 2 IN PNEU ACT | KELE BOM | 1 | \$194.84 | 38\% | \$120.80 |
| 257-02010B | SIEMENS INDUSTRY, INC. (LIMIT 2W $1 / 2$ NPT BRASS NC CV4.0 SR3-8 2 IN PNEU ACT | KELE BOM | 1 | \$194.84 | 38\% | \$120.80 |
| 257-02012B | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 3 / 44$ NPT BRASS NC CV6. 3 SR3-8 2 IN PNEU ACT | KELE BOM | 1 | \$215.74 | 38\% | \$133.76 |
| 257-02014B | SIEMENS INDUSTRY, INC. (LIMIT 2 W 1 1 NPT BRASS NC CV10 SR3-8 2 In PNEU ACT | KELE BOM | 1 | \$272.00 | 38\% | \$168.64 |
| 257-02015B | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT SS NC CVO. 4 SR3-8 2 IN PNEU ACT | kELE BOM | 1 | \$248.76 | 38\% | \$154.23 |
| 257-02017B | SIEMENS INDUSTRY, INC. (LIITT $2 \mathrm{~W} 1 / 2 \mathrm{NPT}$ SS NC CV. 63 SR3-8 2 IN PNEU ACT | KELE Bom | 1 | \$248.76 | 38\% | \$154.23 |
| 257-02019B | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT SS NC CV1.0 SR3-8 2 IN PNEU ACT | KELE Bom | 1 | \$248.76 | 38\% | \$154.23 |
| 257-02021B | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT SS NC CV1.6 SR3-8 2 IN PNEU ACT | KELE BOM | 1 | \$248.76 | 38\% | \$154.23 |
| 257-02023B | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT SS NC CV2. 5 SR3-8 2 IN PNEU ACT | KELE BOM | 1 | \$288.76 | 38\% | \$154.23 |
| 257-02025B | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT SS NC CV4.0 SR3-8 2 IN PNEU ACT | KELE BOM | 1 | \$248.76 | 38\% | \$154.23 |
| 257-020278 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 3 / 4 \mathrm{NPT}$ SS NC CV6. 3 SR3-8 2 IN PNEU ACT | KELE BOM | 1 | \$274.29 | 38\% | \$170.06 |
| 257-02029B | SIEMENS INDUSTRY, INC. (LIMIT 2 W 1 1 NT SS NC CV10 SR3-8 2 IN PNEU ACT | kELE BOM | 1 | \$364.00 | 38\% | \$225.68 |
| 257-02030 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT BRASS NO CVO. 4 SR3-8 2 IN PNEU ACT | kELE BOM | 1 | \$200.94 | 38\% | \$124.58 |
| 257-02032 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT BRASS NO CV. 63 SR3-8 2 IN PNEU ACT | KELE BOM | 1 | \$194.84 | 38\% | \$120.80 |
| 257-02034 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT BRASS NO CV1.0 SR3-8 2 IN PNEU ACT | kELE BOM | 1 | \$194.84 | 38\% | \$120.80 |
| 257-02036 | SIEMENS INDUSTRY, INC. (LIMIT 2WNO LN,BZ,OR FxF, 0.5/1.6 | 257-02036 | 1 | \$200.94 | 38\% | \$124.58 |
| 257-02038 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT BRASS NO CV2.5 SR3-8 2 In PNEU ACT | KELE BOM | 1 | \$194.84 | 38\% | \$120.80 |
| 257-02039 | SIEMENS INDUSTRY, INC. (LIMIT 2WNO LN,BZ,OR FxUM, $0.5 / 2.5$ | 257-02039 | 1 | \$202.89 | 38\% | \$125.79 |
| 257-02041 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT BRASS NO CV4.0 SR3-8 2 IN PNEU ACT | KELE BOM | 1 | \$194.84 | 38\% | \$120.80 |
| 257-02044 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 3 / 4$ NPT BRASS NO CV6. 3 SR3-8 2 IN PNEU ACT | kELE BOM | 1 | \$215.74 | 38\% | \$133.76 |
| 257-02046 | SIEMENS INDUSTRY, INC. (LMIT 2 W 1 1 NPT BRASS NO CV10 SR3-8 2 IN PNEU ACT | KELE BOM | 1 | \$272.52 | 38\% | \$168.96 |
| 257-02047 | SIEMENS INDUSTRY, INC. (LMIT $2 \mathrm{~W} 1 / 2$ NPT SS NO CVO. 4 SR3-8 2 IN PNEU ACT | KELE Bom | 1 | \$248.76 | 38\% | \$154.23 |
| 257-02049 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT SS NO CV. 63 SR3-8 2 IN PNEU ACT | KELE BOM | 1 | \$248.76 | 38\% | \$154.23 |
| 257-02051 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT SS NO CV1.0 SR3-8 2 IN PNEU ACT | KELE BOM | 1 | \$248.76 | 38\% | \$154.23 |
| 257-02053 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT SS NO CV1.6 SR3-8 2 IN PNEU ACT | KELE BOM | 1 | \$248.76 | 38\% | \$154.23 |
| 257-02055 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT SS NO CV2.5 SR3-8 2 IN PNEU ACT | kELE BOM | 1 | \$248.76 | 38\% | \$154.23 |
| 257-02058 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT SS NO CV4.0 SR3-8 2 In PNEU ACT | KELE Bom | 1 | \$248.76 | 38\% | \$154.23 |
| 257-02061 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 3 / 4$ NPT SS NO CV6. 3 SR3-8 2 IN PNEU ACT | KELE BOM | 1 | \$274.29 | 38\% | \$170.06 |
| 257-02063 | SIEMENS INDUSTRY, INC. (LIITT 2 W 1 1 NPT SS NO CV10 SR3-8 2 IN PNEU ACT | KELE BOM | 1 | \$366.42 | 38\% | \$227.18 |
| 257-02064B | SIEMENS INDUSTRY, INC. (LIMIT 3W $1 / 2$ NPT BRASS MIX CV0.4 SR3-8 2 IN PNEU ACT | KELE BOM | 1 | \$211.95 | 38\% | \$131.41 |
| 257-02065B | SIEMENS INDUSTRY, INC. (LIMIT $3 \mathrm{~W} 1 / 2$ NPT BRASS MIX CV. 63 SR3-8 2 In PNEU ACT | KELE BOM | 1 | \$211.95 | 38\% | \$131.41 |
| 257-02066B | SIEMENS INDUSTRY, INC. (LIMIT $3 \mathrm{~W} 1 / 2$ NPT BRASS MIX CV1.0 SR3-8 2 In PNEU ACT | KELE BOM | 1 | \$211.95 | 38\% | \$131.41 |
| 257-02067B | SIEMENS INDUSTRY, INC. (LIMIT $3 \mathrm{~W} 1 / 2$ NPT BRASS MIX CV1. 6 SR3-8 2 In PNEU ACT | kELE BOM | 1 | \$211.95 | 38\% | \$131.41 |
| 257-020688 | SIEMENS INDUSTRY, INC. (LIMIT $3 \mathrm{~W} 1 / 2$ NPT BRASS MIX CV2.5 SR3-8 2 In PNEU ACT | KELE Bom | 1 | \$211.95 | 38\% | \$131.41 |
| 257-020698 | SIEMENS INDUSTRY, INC. (LIMIT $3 W M X, 3-8 \mathrm{LN}, \mathrm{BR}, \mathrm{OR}$ FXF . $5 / 4$ | 257-02069B | 1 | \$211.95 | 38\% | \$131.41 |
| 257-02070B | SIEMENS INDUSTRY, INC. (LIMIT $3 \mathrm{~W} 3 / 4$ NPT BRASS MIX CV6. 3 SR3-8 2 IN PNEU ACT | KELE BOM | 1 | \$240.23 | 38\% | \$148.94 |
| 257-02071B | SIEMENS INDUSTRY, INC. (LIMIT 3 W 1 NPT BRASS MIX CV10 SR3-82 2 IN PNEU ACT | KELE BOM | 1 | \$303.73 | 38\% | \$188.31 |
| 257-02072B | SIEMENS INDUSTRY, INC. (LIMIT $3 \mathrm{WW} 1 / 2$ NPT SS MIX CV0. 4 SR3-8 2 IN PNEU ACT | KELE BOM | 1 | \$269.56 | 38\% | \$167.13 |
| 257-02073B | SIEMENS INDUSTRY, INC. (LIMIT $3 \mathrm{~W} 1 / 2$ NPT SS MIX CVV. 63 SR3-8 2 IN PNEU ACT | KELE BOM | 1 | \$269.56 | 38\% | \$167.13 |
| 257-02074B | SIEMENS INDUSTRY, INC. (LIMIT $3 \mathrm{~W} 1 / 2$ NPT SS MIX CV1.0 SR3-8 2 IN PNEU ACT | KELE BOM | 1 | \$269.56 | 38\% | \$167.13 |
| 257-02075B | SIEMENS INDUSTRY, INC. (LIMTT 3W $1 / 2$ NPT SS MIX CV1.6 SR3-8 2 IN PNEU ACT | KELE BOM | 1 | \$269.56 | 38\% | \$167.13 |
| 257-02076B | SIEMENS INDUSTRY, INC. (LIMIT 3W $1 / 2$ NPT SS MIX CV2.5 SR3-8 2 IN PNEU ACT | KELE BOM | 1 | \$269.56 | 38\% | \$167.13 |
| 257-02077 | SIEMENS INDUSTRY, INC. (LIMTT 3W $1 / 2$ NPT SS MIX CV4.0 SR3-8 2 IN PNEU ACT | KELE BOM | 1 | \$269.56 | 38\% | \$167.13 |
| 257-02078B | SIEMENS INDUSTRY, INC. (LIMTT 3W $3 / 4$ NPT SS MIX CV6. 3 SR3-8 2 IN PNEU ACT | KELE BOM | 1 | \$323.61 | 38\% | \$200.64 |
| 257-02079B | SIEMENS INDUSTRY, INC. (LIMIT 3W 1 NPT SS MIX CV10 SR3-82 2 IN PNEU ACT | KELE BOM | 1 | \$402.72 | 38\% | \$249.69 |
| 258-02000C | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT BRASS NC CV0.4 SR8-13 2 In PNEU ACT | KELE BOM | 1 | \$194.84 | 38\% | \$120.80 |
| 258-02002C | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT BRASS NC CV. 63 SR8-13 2 IN PNEU ACT | KELE BOM | 1 | \$194.84 | 38\% | \$120.80 |
| 258-02004C | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT BRASS NC CV1.0 SR8-13 2 In PNEU ACT | KELE Bom | 1 | \$194.84 | 38\% | \$120.80 |
| 258-02006C | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT BRASS NC CV1. 6 SR8-13 2 In PNEU ACT | KELE BOM | 1 | \$194.84 | 38\% | \$120.80 |
| 258-02008C | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT BRASS NC CV2.5 SR8-13 2 In PNEU ACT | KELE Bom | 1 | \$194.84 | 38\% | \$120.80 |
| 258-02010C | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT BRASS NC CV4.0 SR8-13 2 In PNEU ACT | KELE BOM | 1 | \$194.84 | 38\% | \$120.80 |
| 258-02012C | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 3 / 4$ NPT BRASS NC CV6. 3 SR8-13 2 In PNEU ACT | KELE BOM | 1 | \$215.74 | 38\% | \$133.76 |
| 258-02014C | SIEMENS INDUSTRY, INC. (LIMIT 2 W 1 1 NT BRASS NC CV10 SR8-13 2 IN PNEU ACT | KELE BOM | 1 | \$272.00 | 38\% | \$168.64 |
| 258-02015C | SIEMENS INDUSTRY, INC. (LIMIT 2W $1 / 2$ NPT SS NC CVO.4 SR8-13 2 In PNEU ACT | KELE Bom | 1 | \$248.76 | 38\% | \$154.23 |
| 258-02017C | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT SS NC CV. 63 SR8-13 2 In PNEU ACT | KELE Bom | 1 | \$248.76 | 38\% | \$154.23 |
| 258-02019C | SIEMENS INDUSTRY, INC. (LIMTT 2W $1 / 2$ NPT SS NC CV1.0 SR8-13 2 In PNEU ACT | KELE BOM | 1 | \$248.76 | 38\% | \$154.23 |
| 258-02021C | SIEMENS INDUSTRY, INC. (LIMIT 2W $1 / 2$ NPT SS NC CV1.6 SR8-13 2 In PNEU ACT | KELE Bom | 1 | \$248.76 | 38\% | \$154.23 |
| 258-02023C | SIEMENS INDUSTRY, INC. (LIMTT 2W $1 / 2$ NPT SS NC CV2.5 SR8-13 2 In PNEU ACT | KELE BOM | 1 | \$248.76 | 38\% | \$154.23 |
| 258-02025C | SIEMENS INDUSTRY, INC. (LIMTT 2W $1 / 2$ NPT SS NC CV4.0 SR8-13 2 In PNEU ACT | KELE BOM | 1 | \$248.76 | 38\% | \$154.23 |
| 258-02027C | SIEMENS INDUSTRY, INC. (LIMTT 2W $3 / 4$ NPT SS NC CV6. 3 SR8-13 2 In PNEU ACT | KELE BOM | 1 | \$273.63 | 38\% | \$169.65 |
| 258-02029C | SIEMENS INDUSTRY, INC. (LIMTT 2 LW 1 NPT SS NC CV10 SR8-13 2 IN PNEU ACT | KELE BOM | 1 | \$364.00 | 38\% | \$225.68 |
| 258-02030 | SIEMENS INDUSTRY, INC. (LIMIT 2W $1 / 2$ NPT BRASS No CVo.4 SR8-13 2 In PNEU ACT | KELE Bom | 1 | \$194.84 | 38\% | \$120.80 |
| 258-02032C | SIEMENS INDUSTRY, INC. (LMIT 2W $1 / 2$ NPT BRASS NO CV. 63 SR8-13 2 IN PNEU ACT | KELE BOM | 1 | \$194.84 | 38\% | \$120.80 |
| 258-02034C | SIEMENS INDUSTRY, INC. (LIMTT 2W $1 / 2$ NPT BRASS No CV1.0 SR8-13 2 In PNEU ACT | KELE BOM |  | \$194.84 | 38\% | \$120.80 |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Inctled], Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor , and/or other similar device, which utiize certan (e.g. BACNet, LonTalk, Modbus, platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
of Integrated Microprocessor-Based HVAC Equipmen

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, . Wers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventiletor, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controm I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Sys

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc.).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Inctled], Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor rolled using a device limited to, a router, gatewy, FireAlarm Interface platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
of Integrated Microprocessor-Based HVAC Equipmen;

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs . Wers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventiletor, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controte I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Sy

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose IT, Telecommunications, Networking Cabing, Fiber Optics (e.g. phone, pbx, digital centrex, digital key systems, television, cable, T-Line, general broadband,
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc.).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. . BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated
Microprocessor-Controled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems. Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Installed], Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor , and/or other similar device, which uiize certain ocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or mainte

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs . Wers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventibtor, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controte I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose IT, Telecommunications, Networking Cabing, Fiber Optics (e.g. phone, pbx, digital centrex, digital key systems, television, cable, T-Line, general broadband,
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc.).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

|  | Wantiacturer ${ }^{\text {Procuct Descriplion }}$ |  | "Warranty Period - \# of year(s) after |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Lsit Price | \% Discount | NYS Nat Picee |
| 262-02070 | SIEMENS INDUSTRY, INC. (LIMIT 3W 3/4 NPT BRASS MIX CV6. 3 SR8-13 SR 0-10V 24VAC | KELE BOM | 1 | \$467.00 | 38\% | \$289.54 |
| 262-02071 | SIEMENS INDUSTRY, INC. (LIMIT 3 W 1 NPT BRASS MIX CV10 SR8-13 SR 0-10V 24VAC | KELE BOM | 1 | \$524.17 | 38\% | \$324.99 |
| 262-02072 | SIEMENS INDUSTRY, INC. (LIMIT $3 \mathrm{3W} 1 / 2$ NPT SS MIX CV0.4 SR8-13 SR 0-10V $24 V A C$ | KELE BOM | 1 | \$476.45 | 38\% | \$295.40 |
| 262-02073 | SIEMENS INDUSTRY, INC. (LIMIT $3 \mathrm{~W} 1 / 2$ NPT SS MIX CV. 63 SR8-13 SR 0-10V $24 V A C$ | KELE BOM | 1 | \$476.45 | 38\% | \$295.40 |
| 262-02074 | SIEMENS INDUSTRY, INC. (LIMIT $3 \mathrm{~W} 1 / 2$ NPT SS MIX CV1.0 SR8-13 SR $0-10 \mathrm{~V} 24 \mathrm{VAC}$ | kELE Bom | 1 | \$476.45 | 38\% | \$295.40 |
| 262-02075 | SIEMENS INDUSTRY, INC. (LIMIT $3 \mathrm{~W} 1 / 2$ NPT SS MIX CV1.6 SR8-13 SR $0-10 \mathrm{~V} 24 \mathrm{VAC}$ | kELE Bom | 1 | \$476.45 | 38\% | \$295.40 |
| 262-02076 | SIEMENS INDUSTRY, INC. (LIMIT $3 \mathrm{~W} 1 / 2$ NPT SS MIX CV2.5 SR8-13 SR $0-10 \mathrm{~V} 24 \mathrm{VAC}$ | KELE BOM | 1 | \$496.00 | 38\% | \$307.52 |
| 262-02077 | SIEMENS INDUSTRY, INC. (LIMIT 3W $1 / 2$ NPT SS MIX CV4.0 SR8-13 SR $0-10 \mathrm{~V} 24 \mathrm{VAC}$ | KELE BOM | 1 | \$476.45 | 38\% | \$295.40 |
| 262-02078 | SIEMENS INDUSTRY, INC. (LIMIT 3W 3/4 NPT SS MIX CV6.3 SR8-13 SR 0-10V 24VAC | KELE BOM | 1 | \$551.00 | 38\% | \$341.62 |
| 262-02079 | SIEMENS INDUSTRY, INC. (LIMIT 3 W 1 NPT SS MIX CV10 SR8-13 SR 0-10V 24 VAC | KELE BOM | 1 | \$623.65 | 38\% | \$386.66 |
| $264-02000$ | SIEMENS INDUSTRY, INC. (LIMIT 2W $1 / 2$ NPT BRASS NC CV0.4 SR10-15 NSR 0-10V 24VAC | kELE Bom | 1 | \$390.63 | 38\% | \$242.19 |
| $264-02002$ | SIEMENS INDUSTRY, INC. (LIMIT 2W $1 / 2$ NPT BRASS NC CV. 63 SR10-15 NSR 0-10V 24VAC | kELE Bom | 1 | \$406.00 | 38\% | \$251.72 |
| 264-02004 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT BRASS NC CV1.0 SR10-15 NSR 0-10V 24VAC | KELE Bom | 1 | \$390.63 | 38\% | \$242.19 |
| 264-02006 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT BRASS NC CV1.6 SR10-15 NSR 0-10V 24VAC | KELE BOM | 1 | \$390.63 | 38\% | \$242.19 |
| 264-02008 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT BRASS NC CV2.5 SR10-15 NSR 0-10V 24VAC | KELE BOM | 1 | \$406.00 | 38\% | \$251.72 |
| $264-02010$ | SIEMENS INDUSTRY, INC. (LIMTT 2W $1 / 2$ NPT BRASS NC CV4.0 SR10-15 NSR 0-10V 24VAC | KELE BOM | 1 | \$390.63 | 38\% | \$242.19 |
| 264-02012 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 3 / 4$ NPT BRASS NC CV6. 3 SR10-15 NSR 0-10V 24VAC | KELE BOM | 1 | \$410.41 | 38\% | \$254.45 |
| 264-02014 | SIEMENS INDUSTRY, INC. (LIMIT 2 W 1 1 NPT BRASS NC CV10 SRR10-15 NSR 0-10V 24 VVAC | kELE BOM | 1 | \$475.51 | 38\% | \$294.82 |
| $264-02015$ | SIEMENS Industry, inc. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT SS NC CV0.4 SR10-15 NSR 0-10V 24 VAC | kELE Bom | 1 | \$460.00 | 38\% | \$285.20 |
| $264-02017$ | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2 \mathrm{NPT}$ SS NC CV. 63 SR10-15 NSR 0-10V 24 VAC | KELE BoM | 1 | \$442.49 | 38\% | \$274.34 |
| $264-02019$ | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT SS NC CV1.0 SR10-15 NSR 0-10V 24 VAC | KELE Bom | 1 | \$442.49 | 38\% | \$274.34 |
| 264-02021 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT SS NC CV1.6 SR10-15 NSR 0-10V 24 VAC | KELE BOM | 1 | \$442.49 | 38\% | \$274.34 |
| $264-02023$ | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT SS NC CV2.5 SR10-15 NSR $0-10 \mathrm{~V} 24 \mathrm{VAC}$ | KELE BOM | 1 | \$442.49 | 38\% | \$274.34 |
| $264-02025$ | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT SS NC CV4.0 SR10-15 NSR 0-10V 24VAC | KELE BOM | 1 | \$460.00 | 38\% | \$285.20 |
| $264-02027$ | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 3 / 4$ NPT SS NC CV6. 3 SR10-15 NSR 0-10V $24 V A C$ | KELE BOM | 1 | \$466.07 | 38\% | \$288.96 |
| $264-02029$ | SIEMENS INDUSTRY, INC. (LIMIT 2 W 1 1 NPT SS NC CV10 SRR10-15 NSR 0-10V 24 VVAC | kELE Bom | 1 | \$557.61 | 38\% | \$345.72 |
| $264-02030$ | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT BRASS NO CV0.4 SR3-8 NSR 0-10V $24 V A C$ | kELE Bom | 1 | \$411.00 | 38\% | \$254.82 |
| 264-02032 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT BRASS NO CV. 63 SR3-8 NSR 0-10V $24 V A C$ | KELE Bom | 1 | \$390.63 | 38\% | \$242.19 |
| $264-02034$ | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT BRASS NO CV1.0 SR3-8 NSR 0-10V $24 V A C$ | kELE Bom | 1 | \$406.00 | 38\% | \$251.72 |
| $264-02036$ | SIEMENS INDUSTRY, INC. (LIMIT 2W 1/2 NPT BRASS No CV1.6 SR3-8 NSR 0-10V 24VAC | KELE BOM | 1 | \$406.00 | 38\% | \$251.72 |
| $264-02038$ | SIEMENS INDUSTRY, INC. (LIMIT 2 W 1/2 2 NPT BRASS No CV2.5 SR3-8 NSR 0-10V $24 V A C$ | KELE BOM | 1 | \$390.63 | 38\% | \$242.19 |
| 264-02041 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT BRASS No CV4.0 SR3-8 NSR 0-10V $24 V A C$ | KELE BOM | 1 | \$390.63 | 38\% | \$242.19 |
| 264-02044 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 3 / 4$ NPT BRASS No CV6. 3 SR3-8 NSR 0-10V $24 V A C$ | kELE BOM | 1 | \$410.41 | 38\% | \$254.45 |
| $264-02046$ | SIEMENS INDUSTRY, INC. (LIMIT 2 W 1 1 NPT BRASS No CV10 SR3-8 NSR 0-10V 24VAC | kELE Bom | 1 | \$475.51 | 38\% | \$294.82 |
| $264-02047$ | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT SS No CV0. 4 SR3-8 NSR 0-10V 24 VAC | KELE BoM | 1 | \$460.00 | 38\% | \$285.20 |
| 264-02049 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT SS No cV. 63 SR3-8 NSR 0-10V 24 VAC | kELE BOM | 1 | \$460.00 | 38\% | \$285.20 |
| $264-02051$ | SIEMENS INDUSTRY, INC. (LIMIT 2W $1 / 2$ NPT SS No CV1.0 SR3-8 NSR 0-10V 24 VAC | KELE BOM | 1 | \$460.00 | 38\% | \$285.20 |
| $264-02053$ | SIEMENS INDUSTRY, INC. (LIMIT 2W $1 / 2$ NPT SS No CV1.6 SR3-8 NSR 0-10V 24 VAC | KELE BOM | 1 | \$442.49 | 38\% | \$274.34 |
| 264-02055 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT SS No CV2.5 SR3-8 NSR 0-10V 24 VAC | KELE BOM | 1 | \$442.49 | 38\% | \$274.34 |
| $264-02058$ | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT SS No CV4.0 SR3-8 NSR $0-10 \mathrm{~V} 24 \mathrm{VAC}$ | kELE Bom | 1 | \$442.49 | 38\% | \$274.34 |
| 264-02061 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 3 / 4$ NPT SS NO CV6. 3 SR3-8 NSR 0-10V 24 VAC | KELE BoM | 1 | \$486.00 | 38\% | \$301.32 |
| $264-02063$ | SIEMENS INDUSTRY, INC. (LITIT 2 W 1 NPT SS NO CV10 SR3-8 NSR 0-10V 24VAC | KELE Bom | 1 | \$557.61 | 38\% | \$345.72 |
| 264-02064 | SIEMENS INDUSTRY, INC. (LIMTT $3 \mathrm{~W} 1 / 2$ NPT BRASS MIX CV0.4 SR8-13 NSR 0-10V 24VAC | KELE BOM | 1 | \$406.65 | 38\% | \$252.12 |
| $264-02065$ | SIEMENS INDUSTRY, INC. (LIMIT $3 \mathrm{~W} 1 / 2$ NPT BRASS MIX CV. 63 SR8-13 SSR 0-10V 24VAC | KELE BOM | 1 | \$406.65 | 38\% | \$252.12 |
| $264-02066$ | SIEMENS INDUSTRY, INC. (LIMIT 3W $1 / 2$ NPT BRASS MIX CV1.0 SR8-13 SSR 0-10V 24VAC | KELE BOM | 1 | \$406.65 | 38\% | \$252.12 |
| 264-02067 | SIEMENS INDUSTRY, INC. (LIMIT 3W $1 / 2$ NPT BRASS MIX CV1.6 SR8-13 SSR 0-10V 24VAC | KELE BOM | 1 | \$406.65 | 38\% | \$252.12 |
| 264-02068 | SIEMENS INDUSTRY, INC. (LIMIT $3 \mathrm{~W} 1 / 2$ NPT BRASS MIX CV2.5 SR8-13 SSR 0-10V $24 V \mathrm{VAC}$ | kELE Bom | 1 | \$406.65 | 38\% | \$252.12 |
| $264-02069$ | SIEMENS Industry, Inc. (LIMIT $3 \mathrm{~W} 1 / 2$ NPT BRASS MIX CV4.0 SR8-13 SSR 0-10V 24 VAC | kELE Bom | 1 | \$406.65 | 38\% | \$252.12 |
| 264-02070 | SIEMENS INDUSTRY, INC. (LIMTI 3W 3/4 NPT BRASS MIX CV6. 3 SR8-13 NSR 0-10V 24VAC | KELE Bom | 1 | \$433.99 | 38\% | \$269.07 |
| 264-02071 | SIEMENS INDUSTRY, INC. (LIITI 3W 1 NPT BRASS MIX CV10 SR8-13 NSR 0-10V 24 VVAC | KELE BOM | 1 | \$514.21 | 38\% | \$318.81 |
| $264-02072$ | SIEMENS INDUSTRY, INC. (LIMTT 3W $1 / 2$ NPT SS MIX CV0.4 SR8-13 NSR 0-10V 24VAC | KELE BOM | 1 | \$481.00 | 38\% | \$298.22 |
| $264-02073$ | SIEMENS INDUSTRY, INC. (LIMIT $3 \mathrm{WW} 1 / 2$ NPT SS MIX CV. 63 SR8-13 NSR 0-10V 24VAC | KELE BOM | 1 | \$481.00 | 38\% | \$298.22 |
| 264-02074 | SIEMENS INDUSTRY, INC. (LIMIT $3 \mathrm{~W} 1 / 2$ NPT SS MIX CV1.0 SR8-13 NSR 0-10V 24 VAC | KELE BOM | 1 | \$481.00 | 38\% | \$298.22 |
| 264-02075 | SIEMENS INDUSTRY, INC. (LIMIT $3 \mathrm{~W} 1 / 2$ NPT SS MIX CV1.6 SR8-13 NSR 0-10V 24 VAC | kELE BOM | 1 | \$481.00 | 38\% | \$298.22 |
| $264-02076$ | SIEMENS INDUSTRY, INC. (LIMIT $3 \mathrm{~W} 1 / 2 \mathrm{NPT}$ SS MIX CV2.5 SR8-13 NSR 0-10V 24 VAC | kELE Bom | 1 | \$481.00 | 38\% | \$298.22 |
| $264-02077$ | SIEMENS INDUSTRY, INC. (LIMIT $3 \mathrm{~W} 1 / 2 \mathrm{NPT}$ SS MIX CV4.0 SR8-13 NSR 0-10V 24 VAC | KELE BoM | 1 | \$481.00 | 38\% | \$298.22 |
| $264-02078$ | SIEMENS InDUSTRY, INC. (LIMIT $3 \mathrm{~W} 3 / 4$ NPT SS MIX CV6.3 SR8-13 NSR 0-10V 24 VAC | KELE Bom | 1 | \$536.00 | 38\% | \$332.32 |
| $264-02079$ | SIEMENS INDUSTRY, INC. (LIMIT $3 \mathrm{3W} 1$ 1 NPT SS MIX CV10 SR8-13 NSR 0-10V $24 V \mathrm{VAC}$ | KELE BOM | 1 | \$602.65 | 38\% | \$373.64 |
| 265-02000 | SIEMENS INDUSTRY, INC. (LIMIT 2W $1 / 2$ NPT BRASS NC CV0.4 SR10-15 SR 0-10V $24 V A C$ | KELE BOM | 1 | \$529.00 | 38\% | \$327.98 |
| 265-02002 | SIEMENS INDUSTRY, INC. (LIMIT 2W $1 / 2$ NPT BRASS NC CV. 63 SR10-15 SR 0-10V 24VAC | KELE BOM | 1 | \$529.00 | 38\% | \$327.98 |
| 265-02004 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT BRASS NC CV1.0 SR10-15 SR $0-10 \mathrm{~V} 24 \mathrm{VAC}$ | KELE BOM | 1 | \$529.00 | 38\% | \$327.98 |
| 265-02006 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT BRASS NC CV1.6 SR10-15 SR $0-10 \mathrm{~V} 24 \mathrm{VAC}$ | kELE Bom | 1 | \$529.00 | 38\% | \$327.98 |
| 265-02008 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT BRASS NC CV2.5 SR10-15 SR $0-10 \mathrm{~V} 24 \mathrm{ACA}$ | kELE Bom | 1 | \$529.00 | 38\% | \$327.98 |
| 265-02010 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT BRASS NC CV4.0 SRR10-15 SR $0-10 \mathrm{~V} 24 \mathrm{VAC}$ | KELE Bom | 1 | \$529.00 | 38\% | \$327.98 |
| 265-02012 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 3 / 4$ NPT BRASS NC CV6.3 3 SR10-15 SR 0 -10V 24 VAC | KELE BOM | 1 | \$549.00 | 38\% | \$340.38 |
| 265-02014 | SIEMENS INDUSTRY, INC. (LIMIT 2 W 1 NPT BRASS NC CV10 SR10-15 SR $0-10 \mathrm{~V} 24 \mathrm{VAC}$ | KELE BOM | 1 | \$596.10 | 38\% | \$369.58 |
| 265-02015 | SIEMENS INDUSTRY, INC. (LIMIT 2W $1 / 2$ NPT SS NC CV0.4 SR10-15 SR 0-10V 24VAC | KELE BOM | 1 | \$583.00 | 38\% | \$361.46 |
| 265-02017 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT SS NC CV. 63 SR10-15 SR 0-10V $24 V \mathrm{VCC}$ | kELE Bom | 1 | \$583.00 | 38\% | \$361.46 |
| 265-02019 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT SS NC CV1.0 SR10-15 SR 0-10V $24 V \mathrm{VCC}$ | kELE Bom | 1 | \$583.00 | 38\% | \$361.46 |
| 265-02021 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT SS NC CV1.6 SR10-15 SR $0-10 \mathrm{~V} 24 \mathrm{VAC}$ | KELE Bom | 1 | \$583.00 | 38\% | \$361.46 |
| 265-02023 | SIEMENS INDUSTRY, INC. (LIMIT 2W $1 / 2$ NPT SS NC CV2.5 SR10-15 SR 0-10V 24VAC | KELE BOM | 1 | \$583.00 | 38\% | \$361.46 |
| 265-02025 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT SS NC CV4.0 SR10-15 SR $0-10 \mathrm{~V} 24 \mathrm{VAC}$ | KELE BOM | 1 | \$583.00 | 38\% | \$361.46 |
| 265-02027 | SIEMENS INDUSTRY, INC. (LIMIT 2W $3 / 4$ NPT SS NC CV6.3 SR10-15 SR 0-10V 24VAC | KELE BOM | 1 | \$609.00 | 38\% | \$377.58 |
| 265-02029 | SIEMENS INDUSTRY, INC. (LIMIT 2 W 1 NPT SS NC CV10 SR10-15 SR 0-10V 24VAC | KELE BOM | 1 | \$677.39 | 38\% | \$419.98 |
| 265-02030 | SIEMENS INDUSTRY, INC. (LIMIT 2W $1 / 2$ NPT BRASS No CV0.4 SR3-8 SR 0-10V 24 VAC | kELE Bom | 1 | \$534.00 | 38\% | \$331.08 |
| 265-02032 | SIEMENS INDUSTRY, INC. (LIMIT 2W $1 / 2$ NPT BRASS No CV. 63 SR3-8 SR 0-10V 24 VAC | KELE Bom | 1 | \$529.00 | 38\% | \$327.98 |
| 265-02034 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT BRASS No CV1.0 SR3-8 SR 0 -10V 24 VAC | KELE BoM | 1 | \$529.00 | 38\% | \$327.98 |
| 265-02036 | SIEMENS INDUSTRY, INC. (LIMTT 2W $1 / 2$ NPT BRASS NO CV1.6 SR3-8 SR $0-10 \mathrm{~V} 24 \mathrm{VAC}$ | KELE BOM | 1 | \$529.00 | 38\% | \$327.98 |
| 265-02038 | SIEMENS INDUSTRY, INC. (LIMTT 2W $1 / 2$ NPT BRASS NO CV2.5 SR3-8 SR 0-10V 24VAC | KELE BOM | 1 | \$529.00 | 38\% | \$327.98 |
| 265-02041 | SIEMENS INDUSTRY, INC. (LIMTT 2W $1 / 2$ NPT BRASS No CV4.0 SR3-8 SR 0-10V 24VAC | KELE BOM | 1 | \$530.00 | 38\% | \$328.60 |
| 265-02044 | SIEMENS INDUSTRY, INC. (LIMTT 2W $3 / 4$ NPT BRASS No CV6.3 SR3-8 SR 0-10V $24 V A C$ | KELE BOM | 1 | \$549.00 | 38\% | \$340.38 |
| 265-02046 | SIEMENS INDUSTRY, INC. (LIMIT 2 W 1 1 NPT BRASS No CV10 SR3-8 SR 0-10V 24 VAC | KELE BOM | 1 | \$596.10 | 38\% | \$369.58 |
| 265-02047 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT SS No CV0.4 SR3-8 SR 0 -10V 24 VAC | KELE Bom | 1 | \$560.43 | 38\% | \$347.47 |
| 265-02049 | SIEMENS INDUSTRY, INC. (LIMTT 2W $1 / 2$ NPT SS No CV. 63 SR3-8 SR 0-10V 24 VVAC | KELE Bom | 1 | \$583.00 | 38\% | \$361.46 |
| 265-02051 | SIEMENS INDUSTRY, INC. (LIMTT 2W $1 / 2$ NPT SS NO CV1.0 SR3-8 SR 0-10V 24 VVAC | KELE BOM | 1 | \$560.43 | 38\% | \$347.47 |
| 265-02053 | SIEMENS INDUSTRY, INC. (LIMTT 2W $1 / 2$ NPT SS No CV1.6 SR3-8 SR 0-10V 24 VVAC | KELE BOM | 1 | \$583.00 | 38\% | \$361.46 |
| 265-02055 | SIEMENS INDUSTRY, INC. (LIMIT 2W $1 / 2$ NPT SS NO CV2.5 SR3-8 SR 0-10V 24 VVAC | KELE BOM | 1 | \$583.00 | 38\% | \$361.46 |
| 265-02058 | SIEMENS INDUSTRY, INC. (LIMIT 2W $1 / 2$ NPT SS NO CV4.0 SR3-8 SR 0-10V 24 VVAC | KELE BOM | 1 | \$583.00 | 38\% | \$361.46 |
| 265-02061 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 3 / 4$ NPT SS NO CV6. 3 SR3-8 SR 0-10V 24 VVAC | KELE BOM | 1 | \$609.00 | 38\% | \$377.58 |
| 265-02063 | SIEMENS INDUSTRY, INC. (LIMIT 2W 1 NPT SS No CV10 SR3-8 SR 0-10V 24 VAC | kELE Bom | 1 | \$672.41 | 38\% | \$416.89 |
| 265-02064 | SIEMENS INDUSTRY, INC. (LIMIT $3 \mathrm{~W} 1 / 2$ NPT BRASS MIX CV0.4 SR8-13 SR $0-10 \mathrm{~V} 24 \mathrm{ACC}$ | KELE Bom | 1 | \$546.00 | 38\% | \$338.52 |
| 265-02065 | SIEMENS INDUSTRY, INC. (LIMIT 3W $1 / 2$ NPT BRASS MIX CV. 63 SR8-13 SR 0-10V $24 V A C$ | KELE BOM | 1 | \$524.59 | 38\% | \$325.25 |
| 265-02066 | SIEMENS INDUSTRY, INC. (LIMIT 3W $1 / 2$ NPT BRASS MIX CV1.0 SR8-13 SR 0 -10V 24 VAC | KELE BOM | 1 | \$524.59 | 38\% | \$325.25 |
| 265-02067 | SIEMENS INDUSTRY, INC. (LIMIT 3W $1 / 2$ NPT BRASS MIX CV1.6 SR8-13 SR $0-10 \mathrm{~V} 24 \mathrm{VAC}$ | KELE BOM | 1 | \$546.00 | 38\% | \$338.52 |
| 265-02068 | SIEMENS INDUSTRY, INC. (LIMIT 3W $1 / 2$ NPT BRASS MIX CV22.5 SR8-13 SR $0-10 \mathrm{~V} 24 \mathrm{VAC}$ | KELE BOM | 1 | \$546.00 | 38\% | \$338.52 |
| 265-02069 | SIEMENS Industry, Inc. (LIMIT 3W $1 / 2$ NPT BRASS MIX CV4.0 SR8-13 SR $0-10 \mathrm{~V} 24 \mathrm{VAC}$ | KELE BOM | 1 | \$546.00 | 38\% | \$338.52 |
| 265-02070 | SIEMENS INDUSTRY, INC. (LIMIT $3 \mathrm{~W} 3 / 4$ NPT BRASS MIX CV6. 3 SR8-13 SR $0-10 \mathrm{~V} 24 \mathrm{AVC}$ | KELE Bom | 1 | \$574.00 | 38\% | \$355.88 |
| 265-02071 | SIEMENS INDUSTRY, INC. (LIMIT 3 W 1 1 NPT BRASS MIX CV10 SR8-13 SR $0-10 \mathrm{~V} 24 \mathrm{VAC}$ | KELE BoM | 1 | \$634.41 | 38\% | \$393.33 |
| 265-02072 | SIEMENS INDUSTRY, INC. (LIMIT $3 \mathrm{~W} 1 / 2$ NPT SS MIX CV0.4 SR8-13 SR 0 -10V $24 V A C$ | кELE Bom | 1 | \$604.00 | 38\% | \$374.48 |
| $265-02073$ | SIEMENS INDUSTRY, INC. (LIMIT 3W $1 / 2$ NPT SS MIX CV. 63 SR8-13 SR 0-10V 24VAC | KELE BOM | 1 | \$604.00 | 38\% | \$374.48 |
| 265-02074 | SIEMENS INDUSTRY, INC. (LIMIT $3 \mathrm{3W} 1 / 2$ NPT SS MIX CV1.0 SR8-13 SR 0-10V 24VAC | KELE BOM | 1 | \$604.00 | 38\% | \$374.48 |
| 265-02075 | SIEMENS INDUSTRY, INC. (LIMIT $3 \mathrm{~W} 1 / 2$ NPT SS MIX CV1.6 SR8-13 SR $0-10 \mathrm{~V} 24 \mathrm{VAC}$ | KELE BOM | 1 | \$580.25 | 38\% | \$359.76 |
| 265-02076 | SIEMENS INDUSTRY, INC. (LIMIT $3 \mathrm{~W} 1 / 2$ NPT SS MIX CV2.5 SR8-13 SR $0-10 \mathrm{~V} 24 \mathrm{VAC}$ | KELE BOM | 1 | \$604.00 | 38\% | \$374.48 |
| 265-02077 | SIEMENS INDUSTRY, INC. (LIMIT $3 \mathrm{WW} 1 / 2$ NPT SS MIX CV4.0 SR8-13 SR $0-10 \mathrm{~V} 24 \mathrm{VAC}$ | KELE BOM | 1 | \$604.00 | 38\% | \$374.48 |
| 265-02078 | SIEMENS INDUSTRY, INC. (LIMIT 3W 3/4 NPT SS MIX CV6.3 SR8-13 SR 0-10V 24VAC | KELE BOM | 1 | \$659.00 | 38\% | \$408.58 |

The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted Instledl Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or mainten ef of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controle I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens Displays, etc)

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted Inctledl Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface .) to communicate among these systems, and where
3. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance: and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or mainten

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs . wers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controled $/ \mathbf{O}$ modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

|  | Wanutacturer ${ }_{\text {Produc }}$ |  | "Warranty Period - \# of year(s) after |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Lsit Price | \% Discount | NYS Nat Picee |
| 599-02012C | SIEMENS INDUSTRY, INC. (LIMIT 2W 3/4 NPT BRASS NC CV6. 3 SR8-13 | 599-02012C | 1 | \$121.00 | 38\% | \$75.02 |
| 599-02014 | SIEMENS INDUSTRY, INC. (LIMIT 2 W 1 NPT BRASS NC CV10 SR10-15 | 599-02014 | 1 | \$184.00 | 38\% | \$114.08 |
| 599-02014B | SIEMENS INDUSTRY, INC. (LIMIT 2 W 1 1 NPT BRASS NC CV10 SR3-8 | 599-02014B | 1 | \$184.00 | 38\% | \$114.08 |
| 599-02014C | SIEMENS INDUSTRY, INC. (LIMIT 2 W 1 1 NPT BRASS NC CV10 SR8-13 | 599-02014C | 1 | \$184.00 | 38\% | \$114.08 |
| 599-02015 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT SS NC CV0.4 SR10-15 | 599-02015 | 1 | \$157.00 | 38\% | \$97.34 |
| 599-02015B | SIEMENS INDUSTRY, INC. (LIMIT 2W $1 / 2$ NPT SS NC CV0.4 SR3-8 | 599-02015B | 1 | \$157.00 | 38\% | \$97.34 |
| 599-02015C | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT SS NC CV0. 4 SR8-13 | 599-02015C | 1 | \$157.00 | 38\% | \$97.34 |
| 599-02017 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT SS NC CV. 63 SRR10-15 | 599-02017 | 1 | \$157.00 | 38\% | \$97.34 |
| 599-020178 | SIEMENS INDUSTRY, INC. (LIMTT 2W $1 / 2$ NPT SS NC CV. 63 SR3-8 | 599-02017B | 1 | \$157.00 | 38\% | \$97.34 |
| 599-02017C | SIEMENS INDUSTRY, INC. (LIMIT 2 W 1/2 2 NPT SS NC CV. 63 SR8-13 | 599-02017C | 1 | \$157.00 | 38\% | \$97.34 |
| 599-02019 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT SS NC CV1.0 SR10-15 | 599-02019 | 1 | \$157.00 | 38\% | \$97.34 |
| 599-02019B | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT SS NC CV1.0 SR3-8 | 599-020198 | 1 | \$157.00 | 38\% | \$97.34 |
| 599-02019C | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT SS NC CV1.0 SR8-13 | 599-02019C | 1 | \$157.00 | 38\% | \$97.34 |
| 599-02021 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT SS NC CV1.6 SR10-15 | 599-02021 | 1 | \$157.00 | 38\% | \$97.34 |
| 599-020218 | SIEMENS INDUSTRY, INC. (LIMIT 2W $1 / 2$ NPT SS NC CV1.6 SR3-8 | 599-02021B | 1 | \$157.00 | 38\% | \$97.34 |
| 599-02021C | SIEMENS INDUSTRY, INC. (LIMIT 2 W 1/2 2 NPT SS NC CV1.6 SR8-13 | 599-02021C | 1 | \$157.00 | 38\% | \$97.34 |
| 599-02023 | SIEMENS INDUSTRY, INC. (LIMIT 2W $1 / 2$ NPT SS NC CV2.5 SR10-15 | 599-02023 | 1 | \$157.00 | 38\% | \$97.34 |
| 599-02023B | SIEMENS INDUSTRY, INC. (LIMIT 2W $1 / 2$ NPT SS NC CV2.5 SR3-8 | 599-02023B | 1 | \$157.00 | 38\% | \$97.34 |
| 599-02023C | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT SS NC CV2.5 SR8-13 | 599-02023C | 1 | \$157.00 | 38\% | \$97.34 |
| 599-02025 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT SS NC CV4.0 SR10-15 | 599-02025 | 1 | \$157.00 | 38\% | \$97.34 |
| 599-02025B | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT SS NC CV4.0 SR3-8 | 599-02025B | 1 | \$157.00 | 38\% | \$97.34 |
| 599-02025C | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT SS NC CV4.0 SR8-13 | 599-02025C | 1 | \$157.00 | 38\% | \$97.34 |
| 599-02027 | SIEMENS INDUSTRY, INC. (LIMIT 2W $3 / 4$ NPT SS NC CV6.3 SRR10-15 | 599-02027 | 1 | \$186.00 | 38\% | \$115.32 |
| 599-02027B | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 3 / 4$ NPT SS NC CV6. 3 SR3-8 | 599-02027B | 1 | \$186.00 | 38\% | \$115.32 |
| 599-02027C | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 3 / 4$ NPT SS NC CV6. 3 SR8-13 | 599-02027C | 1 | \$186.00 | 38\% | \$115.32 |
| 599-02029 | SIEMENS INDUSTRY, INC. (LIMIT 2W 1 NPT SS NC CV10 SR10-15 | 599-02029 | 1 | \$269.80 | 38\% | \$167.28 |
| 599-02029B | SIEMENS INDUSTRY, INC. (LIMTT 2 W 1 1 NT SS NC CV10 SR3-8 | 599-020298 | 1 | \$269.80 | 38\% | \$167.28 |
| 599-02029C | SIEMENS INDUSTRY, INC. (LIMIT 2 W 11 NPT SS NC CV10 SR8-13 | 599-02029C | 1 | \$272.45 | 38\% | \$168.92 |
| 599-02030 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT BRASS NO CV0.4 SR3-8 | 599-02030 | 1 | \$94.24 | 38\% | \$58.43 |
| 599-02030A | SIEMENS INDUSTRY, INC. (LIMIT 2 W 1/2 NPT BRASS NO CV0.4 SR10-15 | 599-02030A | 1 | \$98.00 | 38\% | \$60.76 |
| 599-02030C | SIEMENS INDUSTRY, INC. (LIMIT 2W $1 / 2$ NPT BRASS NO CV0.4 SR8-13 | 599-02030C | 1 | \$98.00 | 38\% | \$60.76 |
| 599-02032 | SIEMENS INDUSTRY, INC. (LIMIT 2W $1 / 2$ NPT BRASS No CV. 63 SR3-8 | 599-02032 | 1 | \$98.00 | 38\% | \$60.76 |
| 599-02032 A | SIEMENS INDUSTRY, INC. (LIMIT 2 W 1/2 NPT BRASS No Cv. 63 SR10-15 | 599-02032 A | 1 | \$98.00 | 38\% | \$60.76 |
| 599-02032C | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT BRASS No CV. 63 SR8-13 | 599-02032C | 1 | \$98.00 | 38\% | \$60.76 |
| 599-02034 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT BRASS No CV1.0 SR3-8 | 599-02034 | 1 | \$98.00 | 38\% | \$60.76 |
| $599-02034 \mathrm{~A}$ | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT BRASS No Cvi.0 SR10-15 | 599-02034A | 1 | \$98.00 | 38\% | \$60.76 |
| 599-02034C | SIEMENS INDUSTRY, INC. (LIMIT 2 W 1/2 2 NPT BRASS No CV1.0 SR8-13 | 599-02034C | 1 | \$98.00 | 38\% | \$60.76 |
| 599-02036 | SIEMENS INDUSTRY, INC. (LIMIT 2W $1 / 2$ NPT BRASS No CV1.6 SR3-8 | 599-02036 | 1 | \$98.00 | 38\% | \$60.76 |
| 599-02036A | SIEMENS INDUSTRY, INC. (LIMIT 2 W 1/2 NPT BRASS NO CV1.6 SR10-15 | 599-02036A | 1 | \$98.00 | 38\% | \$60.76 |
| 599-02036C | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT BRASS No CV1.6 SR8-13 | 599-02036C | 1 | \$98.00 | 38\% | \$60.76 |
| 599-02038 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT BRASS No CV2.5 SR3-8 | 599-02038 | 1 | \$98.00 | 38\% | \$60.76 |
| 599-02038A | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT BRASS NO CV2.5 SR10-15 | 599-02038A | 1 | \$98.00 | 38\% | \$60.76 |
| 599-02038C | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT BRASS NO CV2.5 SR8-13 | 599-02038C | 1 | \$98.00 | 38\% | \$60.76 |
| 599-02041 | SIEMENS INDUSTRY, INC. (LIMIT $1 / 2 \mathrm{NNO}$, ANG, 4.0 CV,Bz,NPT-NPT | 599-02041 | 1 | \$98.00 | 38\% | \$60.76 |
| 599-02041A | SIEMENS INDUSTRY, INC. (LIMIT 2 W 1/2 NPT BRASS NO CV4.0 SR10-15 | 599-02041A | 1 | \$98.00 | 38\% | \$60.76 |
| 599-02041C | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT BRASS No CV4.0 SR8-13 | 599-02041C | 1 | \$98.00 | 38\% | \$60.76 |
| 599-02044 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 3 / 4$ NPT BRASS No CV6. 3 SR3-8 | 599-02044 | 1 | \$115.00 | 38\% | \$71.30 |
| 599-02044C | SIEMENS INDUSTRY, INC. (LIMIT 2 W 3/4 4 NT BRASS NO CV6. 3 SR8-13 | 599-02044C | 1 | \$121.00 | 38\% | \$75.02 |
| 599-02046 | SIEMENS INDUSTRY, INC. (LIMIT 2 W 1 1 NT BRASS No CV10 SR3-8 | 599-02046 | 1 | \$184.00 | 38\% | \$114.08 |
| 599-02046C | SIEMENS INDUSTRY, INC. (LIMIT 2W 11 NPT BRASS NO CV10 SR8-13 | 599-02046C | 1 | \$184.00 | 38\% | \$114.08 |
| 599-02047 | SIEMENS INDUSTRY, INC. (LIMTT 2W $1 / 2$ NPT SS NO CV0.4 SR3-8 | 599-02047 | 1 | \$157.00 | 38\% | \$97.34 |
| 599-02047A | SIEMENS INDUSTRY, INC. (LIMIT 2W $1 / 2$ NPT SS No CV0.4 SR10-15 | 599-02047A | 1 | \$157.00 | 38\% | \$97.34 |
| 599-02047C | SIEMENS INDUSTRY, INC. (LIMIT 2 W 1/2 NPT SS No CV0. 4 SR8-13 | 599-02047C | 1 | \$157.00 | 38\% | \$97.34 |
| 599-02049 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT SS No CV. 63 SR3-8 | 599-02049 | 1 | \$157.00 | 38\% | \$97.34 |
| 599-02049A | SIEMENS INDUSTRY, INC. (LIIIT 2W $1 / 2$ NPT SS No CV. 63 SR10-15 | 599-02049A | 1 | \$157.00 | 38\% | \$97.34 |
| 599-02049C | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT SS No CV. 63 SR8-13 | 599-02049C | 1 | \$157.00 | 38\% | \$97.34 |
| 599-02051 | SIEMENS INDUSTRY, INC. (LIMIT 2W $1 / 2$ NPT SS No CV1.0 SR3-8 | 599-02051 | 1 | \$157.00 | 38\% | \$97.34 |
| 599-02051A | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT SS No CV1.0 SR10-15 | 599-02051A | 1 | \$157.00 | 38\% | \$97.34 |
| 599-02051C | SIEMENS INDUSTRY, INC. (LIMIT 2W 1/2 NPT SS No CV1.0 SR8-13 | 599-02051C | 1 | \$157.00 | 38\% | \$97.34 |
| 599-02053 | SIEMENS INDUSTRY, INC. (LIMIT 2W $1 / 2$ NPT SS NO CV1.6 SR3-8 | 599-02053 | 1 | \$157.00 | 38\% | \$97.34 |
| 599-02053A | SIEMENS INDUSTRY, INC. (LIMIT 2W $1 / 2$ NPT SS No CV1.6 SR10-15 | 599-02053A | 1 | \$157.00 | 38\% | \$97.34 |
| 599-02053C | SIEMENS INDUSTRY, INC. (LIMIT 2W 1/2 NPT SS No CV1.6 SR8-13 | 599-02053C | 1 | \$157.00 | 38\% | \$97.34 |
| 599-02055 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT SS No CV2.5 SR3-8 | 599-02055 | 1 | \$157.00 | 38\% | \$97.34 |
| 599-02055A | SIEMENS INDUSTRY, INC. (LIIIT $2 \mathrm{~W} 1 / 2$ NPT SS No CV2.5 SR10-15 | 599-02055A | 1 | \$157.00 | 38\% | \$97.34 |
| 599-02055C | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT SS No CV2.5 SR8-13 | 599-02055C | 1 | \$157.00 | 38\% | \$97.34 |
| 599-02058 | SIEMENS INDUSTRY, INC. (LMIT $2 \mathrm{WW} 1 / 2$ NPT SS NO CV4.0 SR3-8 | 599-02058 | 1 | \$157.00 | 38\% | \$97.34 |
| 599-02058A | SIEMENS INDUSTRY, INC. (LIMIT 2W $1 / 2$ NPT SS No CV4.0 SR10-15 | 599-02058A | 1 | \$157.00 | 38\% | \$97.34 |
| 599-02058C | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 1 / 2$ NPT SS No CV4.0 SR8-13 | 599-02058C | 1 | \$157.00 | 38\% | \$97.34 |
| 599-02061 | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 3 / 4$ NPT SS No CV6. 3 SR3-8 | 599-02061 | 1 | \$186.00 | 38\% | \$115.32 |
| 599-02061C | SIEMENS INDUSTRY, INC. (LIMIT $2 \mathrm{~W} 3 / 4$ NPT SS NO CV6. 3 SR8-13 | 599-02061C | 1 | \$186.00 | 38\% | \$115.32 |
| 599-02063 | SIEMENS INDUSTRY, INC. (LIMIT 2W 1 NPT SS No CV10 SR3-8 | 599-02063 | 1 | \$269.80 | 38\% | \$167.28 |
| 599-02063C | SIEMENS INDUSTRY, INC. (LIMIT 2 W 11 NPT SS No CV10 SR8-13 | 599-02063C | 1 | \$269.80 | 38\% | \$167.28 |
| 599-02064 | SIEMENS INDUSTRY, INC. (LIMIT $3 \mathrm{~W} 1 / 2$ NPT BRASS MIX CV0.4 SR8-13 | 599-02064 | 1 | \$116.00 | 38\% | \$71.92 |
| 599-02064A | SIEMENS INDUSTRY, INC. (LIMIT 3W $1 / 2$ NPT BRASS MIX CV0.4 SR10-15 | 599-02064A | 1 | \$116.00 | 38\% | \$71.92 |
| 599-02064B | SIEMENS INDUSTRY, INC. (LIMIT $3 \mathrm{~W} 1 / 2$ NPT BRASS MIX CV0. 4 SR3-8 | 599-02064B | 1 | \$116.00 | 38\% | \$71.92 |
| 599-02065 | SIEMENS INDUSTRY, INC. (LIMIT 3W $1 / 2$ NPT BRASS MIX CV. 63 SR8-13 | 599-02065 | 1 | \$116.00 | 38\% | \$71.92 |
| 599-02065A | SIIMENS INDUSTRY, INC. (LIMIT $3 \mathrm{~W} 1 / 2$ NPT TRASS MII CV. 63 SR10-15 | 599-02065A | 1 | \$116.00 | 38\% | \$71.92 |
| 599-02065B | SIEMENS INDUSTRY, INC. (LIMIT 3W 1/2 NPT BRASS MIX CV. 63 SR3-8 | 599-02065B | 1 | \$116.00 | 38\% | \$71.92 |
| 599-02066 | SIEMENS INDUSTRY, INC. (LIMIT 3W $1 / 2$ NPT BRASS MIX CV1.0 SR8-13 | 599-02066 | 1 | \$116.00 | 38\% | \$71.92 |
| 599-02066A | SIEMENS INDUSTRY, INC. (LIMIT 3W $1 / 2$ NPT BRASS MIX CV1.0 SR10-15 | 599-02066A | 1 | \$116.00 | 38\% | \$71.92 |
| 599-02066B | SIEMENS INDUSTRY, INC. (LIMIT 3 W 1/2 2 NPT BRASS MIX CV1.0 SR3-8 | 599-02066B | 1 | \$116.00 | 38\% | \$71.92 |
| 599-02067 | SIEMENS INDUSTRY, INC. (LIMIT 3W $1 / 2$ NPT BRASS MIX CV1.6 SR8-13 | 599-02067 | 1 | \$116.00 | 38\% | \$71.92 |
| 599-02067A | SIEMENS INDUSTRY, INC. (LIMIT 3W $1 / 2$ NPT BRASS MIX CV1.6 SR10-15 | 599-02067A | 1 | \$116.00 | 38\% | \$71.92 |
| ${ }_{5999020678}$ | SIEMENS INDUSTRY, INC. (LIMIT 3 W $1 / 2$ NPT TRASS MII CV1.6 SR3-8 | ${ }_{5999020678}$ | 1 | \$116.00 | 38\% | \$77.92 |
| 599-02068 | SIEMENS INDUSTRY, INC. (LIMIT 3W 1/2 NPT BRASS MIX CV2.5 SR8-13 | 599-02068 | 1 | \$116.00 | 38\% | \$71.92 |
| 599-02068A | SIEMENS INDUSTRY, INC. (LIMIT $3 \mathrm{~W} 1 / 2$ NPT BRASS MIX CV2.5 SR10-15 | 599-02068A | 1 | \$116.00 | 38\% | \$71.92 |
| 599-020688 | SIEMENS INDUSTRY, INC. (LIMIT $3 \mathrm{~W} 1 / 2$ NPT BRASS MIX CV2. 5 SR3-8 | 599-020688 | 1 | \$116.00 | 38\% | \$71.92 |
| 599-02069 | SIEMENS INDUSTRY, INC. (LIMIT 3W $1 / 2$ NPT BRASS MIX CV4.0 SR8-13 | 599-02069 | 1 | \$116.00 | 38\% | \$71.92 |
| 599-02069A | SIEMENS INDUSTRY, INC. (LIMIT 3W $1 / 2$ NPT BRASS MIX CV4.0 SR10-15 | 599-02069A | 1 | \$116.00 | 38\% | \$71.92 |
| 599-02069B | SIEMENS INDUSTRY, INC. (LIMIT $3 \mathrm{~W} 1 / 2$ NPT BRASS MIX CV4.0 SR3-8 | 599-020698 | 1 | \$116.00 | 38\% | \$71.92 |
| ${ }^{599} 902070$ | SIEMENS INDUSTRY, INC. (LIMITT 3W 3/4 NPT TRASS MIX CV6.3 SR8-13 | 599-02070 | 1 | \$148.00 | 38\% | \$91.76 |
| 599-02070 A | SIEMENS INDUSTRY, INC. (LIMIT 3 W 3/4 NPT BRASS MIX CV6.3 SR10-15 | 599-02070A | 1 | \$148.00 | 38\% | \$91.76 |
| 599-02070 | SIEMENS INDUSTRY, INC. (LIMIT $3 \mathrm{~W} 3 / 4$ NPT BRASS MIX CV6. 3 SR3-8 | 599-02070B | 1 | \$148.00 | 38\% | \$91.76 |
| 599-02071 | SIEMENS INDUSTRY, INC. (LIMIT 3W 1 NPT BRASS MIX CV10 SR8-13 | 599-02071 | 1 | \$210.00 | 38\% | \$130.20 |
| 599-02071A | SIEMENS INDUSTRY, INC. (LIITT 3W 1 NPT BRASS MIX CV10 SR10-15 | 599-02071A | 1 | \$218.00 | 38\% | \$135.16 |
| 599-02071B | SIEMENS INDUSTRY, INC. (LIMIT 3 l 1 1 NPT BRASS MIX CV10 SR3-8 | 599-02071B | 1 | \$218.00 | 38\% | \$135.16 |
| 599-02072 | SIEMENS INDUSTRY, INC. (LIMIT $3 \mathrm{~W} 1 / 2$ NPT SS MIX CV0.4 SR8-13 | 599-02072 | 1 | \$181.00 | 38\% | \$112.22 |
| 599-02072A | SIEMENS INDUSTRY, INC. (LIMIT $3 \mathrm{~W} 1 / 2$ NPT SS MII CV0.4 SR10-15 | 599-02072A | 1 | \$181.00 | 38\% | \$112.22 |
| 599-02072B | SIEMENS INDUSTRY, INC. (LIMIT $3 \mathrm{~W} 1 / 2$ NPT SS MIX CV0.4 SR3-8 | 599-02072B | 1 | \$181.00 | 38\% | \$112.22 |
| 599-02073 | SIEMENS INDUSTRY, INC. (LIMIT $3 \mathrm{3W} 1 / 2$ NPT SS MIX CV. 63 SR8-13 | 599-02073 | 1 | \$181.00 | 38\% | \$112.22 |
| 599-02073A | SIEMENS INDUSTRY, INC. (LIMIT 3W $1 / 2$ NPT SS MIX CVV. 63 SR10-15 | ${ }^{599-02073 A}$ | 1 | $\$ 181.00$ $\$ 181.00$ | $38 \%$ $38 \%$ | \$112.22 |
| 599-02073B | SIEMENS INDUSTRY, INC. (LIMTT 3W $1 / 2$ NPT SS MIX CV. 63 SR3-8 | 599-02073B | 1 | \$181.00 | 38\% | \$112.22 |
| 599-02074 | SIEMENS INDUSTRY, INC. (LIMITT 3W $1 / 2$ NPT SS MIX CV1.0 SR8-13 | 599-02074 | 1 | \$181.00 | 38\% | \$112.22 |
| 599-02074A | SIEMENS INDUSTRY, INC. (LIMIT 3 W 1/2 NPT SS MIX CV1.0 SR10-15 | 599-02074A | 1 | \$181.00 | 38\% | \$112.22 |
| 599-02074B | SIEMENS INDUSTRY, INC. (LIMIT 3W 1/2 NPT SS MIX CV1.0 SR3-8 | 599-02074B | 1 | \$181.00 | 38\% | \$112.22 |

The scope of this contract includes the following
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted Inctledl Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, Fire Alarm Interface Pa gese systems, and where the Building Automation System or fire alarm system allows for monittring of all of these systems by the authorized user via a single platform or integrated

Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementiond

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
B. Audio-Video equi, orent or systems (e.g. smart boards, projectors, studio broadcasting conference rooms vide video conferencing equipment, Theatre Screens/Displays etc).

A physical security and faciity system includes an emergency telephone system or pbx system expressly and solely used.
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Itegrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Instledl. Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain to communicate among these systems, and where the Building Automation System or fire alarm system allows for monitoring of all of these systems by the authorized user via a single platform or integrated

Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included $/$, remote I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
B. Audio-Video equipment or systems (eg. smart boards, projectors, studio broadcasting conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Istledl Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain


Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance; and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

As part of the and in conjunction with the contractor providing the aforementioned install

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, Wers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens Displays, etc.)

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To comunicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

|  |  |  |  | Warranty Period - \# of year(s) after ceptance as required by Appendix B, |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Lisp Pice | \% Discoum | NYs |
| V243-34-EV2.5 | SPARTAN PERIPHERAL DEVICES | $3 / 4,2 \mathrm{~W}, \mathrm{CV}=2.5$, SUTO, FNPT, HIGH TEMP | KELE BOM | 1 | \$82.14 | 38\% | \$50.93 |
| V243-34-EV4.5 | SPARTAN PERIPHERAL DEVICES | $3 / 4,2 \mathrm{~W}, \mathrm{CV}=4.5$, SUTO, FNPT, HIGH TEMP | KELE Bom | 1 | \$82.14 | 38\% | \$50.93 |
| V245-12 | SPARTAN PERIPHERAL DEVICES | $1 / 2,2 w$, SUTO, BODY ONLY, SLDR | V245-12 | 1 | \$13.80 | 38\% | \$8.56 |
| V245-12-BCO. 15 | SPARTAN PERIPHERAL DEVICES | $1 / 22^{\prime \prime} 2 \mathrm{w}, \mathrm{cv}=.15, \mathrm{SUTO}$, SOLDER | KELE KIT | 1 | \$74.30 | 38\% | \$46.07 |
| V245-12-BC0. 25 | SPARTAN PERIPHERAL DEVICES | $1 / 22^{\prime \prime} 2 \mathrm{w}, \mathrm{cv}=.25$, SUTO, SOLDER | KELE Kit | 1 | \$74.30 | 38\% | \$46.07 |
| V245-12-EP0.5 | SPARTAN PERIPHERAL DEVICES | $1 / 22^{\prime \prime} 2 \mathrm{w}, \mathrm{cv}=0.5$, SUTO, SOLDER | KELE Kit | 1 | \$51.22 | 38\% | \$31.76 |
| V245-12-EP1.0 | SPARTAN PERIPHERAL DEVICES | $1 / 2{ }^{2}$ " 2 w , cv=1.0, SUTO, SOLDER | KELE KIT | , | \$51.22 | 38\% | \$31.76 |
| V245-12-EP1.5 | SPARTAN PERIPHERAL DEVICES | $1 / 22^{\prime \prime} 2 \mathrm{w}, \mathrm{cv}=1.5$, SUTO, SOLDER | KELE KIT | 1 | \$51.22 | 38\% | \$31.76 |
| V245-12-EP2.0 | SPARTAN PERIPHERAL DEVICES | $1 / 22^{\prime \prime} 2 \mathrm{w}, \mathrm{c} v=2.0$, SUTO, SOLDER | KELE KIT | 1 | \$51.22 | 38\% | \$31.76 |
| V245-12-EP2.5 | SPARTAN PERIPHERAL DEVICES | $1 / 2^{\prime \prime}, 2 \mathrm{w}, \mathrm{c}=2.5,5$, SUTO, SOLDER | KELE KIT | 1 | \$51.22 | 38\% | \$31.76 |
| V245-12-EP3.0 | SPARTAN PERIPHERAL DEVICES | $1 / 22^{\prime \prime} 2 \mathrm{w}, \mathrm{c} v=3.0$, SUTO, SOLDER | KELE KIT | 1 | \$51.22 | 38\% | \$31.76 |
| V245-12-EP3.5 | SPARTAN PERIPHERAL DEVICES | $1 / 2{ }^{\prime \prime}, 2 \mathrm{w}, \mathrm{cv}=3.5$, SUTO, SOLDER | KELE KIT | 1 | \$51.22 | 38\% | \$31.76 |
| V245-12-Ev0.5 | SPARTAN PERIPHERAL DEVICES | $1 / 2,2 \mathrm{~W}, \mathrm{CV}=0.5$, SUTO, SWEAT, HIGH TEMP | KELE KIT | 1 | \$63.67 | 38\% | \$39.48 |
| V245-12-Ev1.0 | SPARTAN PERIPHERAL DEVICES | $1 / 2,2 \mathrm{~W}, \mathrm{CV}=1.0,0$ SUTO, SWEAT, HIGH TEMP | KELE KIT | 1 | \$63.67 | 38\% | \$39.48 |
| V245-12-Ev1.5 | SPARTAN PERIPHERAL DEVICES | $1 / 2,2 \mathrm{~W}, \mathrm{CV}=1.5,5$ SUTO, SWEAT, HIGH TEMP | KELE KIT | 1 | \$63.67 | 38\% | \$39.48 |
| V245-12-EV2.0 | SPARTAN PERIPHERAL DEVICES | $1 / 2,2 \mathrm{~W}, \mathrm{CV}=2.0$, SUTO, SWEAT, HIGH TEMP | KELE Kit | 1 | \$63.67 | 38\% | \$39.48 |
| V245-12-EV2.5 | SPARTAN PERIPHERAL DEVICES | $1 / 2,2 \mathrm{~W}, \mathrm{CV}=2.55$, SUTO, SWEAT, HIGH TEMP | KELE KIT | 1 | \$63.67 | 38\% | \$39.48 |
| V245-12-EV3.0 | SPARTAN PERIPHERAL DEVICES | $1 / 2,2 \mathrm{~W}, \mathrm{CV}=3.0, \mathrm{SUTO}$, SWEAT, HIGH TEMP | KELE KIT | 1 | \$63.67 | 38\% | \$39.48 |
| V245-12-EV3.5 | SPARTAN PERIPHERAL DEVICES | $1 / 2,2 \mathrm{~W}, \mathrm{CV}=3.5$, SUTO, SWEAT, HIGH TEMP | KELE KIT | 1 | \$63.67 | 38\% | \$39.48 |
| V245-34 | SPARTAN PERIPHERAL DEVICES | 3/4, 2W, SUTO, BODY ONLY, SLDR | V245-34 | 1 | \$29.32 | 38\% | \$18.18 |
| V245-34-EP1.0 | SPARTAN PERIPHERAL DEVICES | $3 / 4{ }^{4}$, 2 w , cre $=1.0$, SUTO, SOLDER | KELE KIT | 1 | \$66.21 | 38\% | \$41.05 |
| V245-34-EP1.5 | SPARTAN PERIPHERAL DEVICES | $3 / 44^{\prime \prime} 2 \mathrm{w}$, crvi 1.5 , SUTO, SOLDER | KELE KIT | 1 | \$66.21 | 38\% | \$41.05 |
| V245-34-EP2.0 | SPARTAN PERIPHERAL DEVICES | $3 / 4^{4}, 2 w, c y=2.0$, SUTO, SOLDER | KELE Kit | 1 | \$66.21 | 38\% | \$41.05 |
| V245-34-EP2.5 | Spartan peripheral devices | $3 / 44^{\prime \prime} 2 \mathrm{w}, \mathrm{cv}=2.5$, SUTO, SOLDER | KELE KIT | 1 | \$66.21 | 38\% | \$41.05 |
| V245-34-EP3.0 | SPARTAN PERIPHERAL DEVICES | $3 / 4{ }^{4}$ " 2 w , cre $=3.0$, SUTO, SOLDER | KELE KIT | 1 | \$66.21 | 38\% | \$41.05 |
| V245-34-EP3.5 | SPARTAN PERIPHERAL DEVICES | $3 / 44$ " $2 \mathrm{w}, \mathrm{cv}=3.5$, SUTO, SOLDER | KELE KIT | 1 | \$66.21 | 38\% | \$41.05 |
| V245-34-EV1.0 | SPARTAN PERIPHERAL DEVICES | $3 / 4,2 \mathrm{~W}, \mathrm{CV}=1.00$, SUTO, SWEAT, HIGH TEMP | KELE KIT | 1 | \$79.88 | 38\% | \$49.53 |
| V245-34-EV1.5 | SPARTAN PERIPHERAL DEVICES | $3 / 4,2 \mathrm{~W}, \mathrm{CV}=1.5$, SUTO, SWEAT, HIGH TEMP | KELE KIT | 1 | \$79.88 | 38\% | \$49.53 |
| V245-34-EV2.0 | SPARTAN PERIPHERAL DEVICES | $3 / 4,2 \mathrm{w}, \mathrm{CV}=2.0$, SUTO, SWEAT, HIGH TEMP | KELE KIT | 1 | \$79.88 | 38\% | \$49.53 |
| V245-34-EV2.5 | SPARTAN PERIPHERAL DEVICES | $3 / 4,2 \mathrm{w}, \mathrm{CV}=2.5$, SUTO, SWEAT, HIGH TEMP | KELE KIT | 1 | \$79.88 | 38\% | \$49.53 |
| V245-34-EV4.5 | SPARTAN PERIPHERAL DEVICES | $3 / 4,2 \mathrm{~W}, \mathrm{CV}=4.5$, SUTO, SWEAT, HIGH TEMP | KELE Kit | 1 | \$79.88 | 38\% | \$49.53 |
| V320 | SPARTAN PERIPHERAL DEVICES | $3 / 4,3 \mathrm{~W}$ div, BODY OnLY, UnIoNs NEEDED FOR 1/2IN | v320 | 1 | \$22.42 | 38\% | \$13.90 |
| V320-12-ED1.0 | SPARTAN PERIPHERAL DEVICES | $1 / 2,3 \mathrm{~W}, \mathrm{cv}=1.00$ div. MNPT/UNS | KELE BOM | 1 | \$97.14 | 38\% | \$60.23 |
| V320-12-ED2.0 | SPARTAN PERIPHERAL DEVICES | $1 / 2,3 \mathrm{~W}, \mathrm{Cv}=2.0, \mathrm{dIV}$. MNPT/UNS | KELE BOM | 1 | \$97.14 | 38\% | \$60.23 |
| V320-12-ED3.0 | SPARTAN PERIPHERAL DEVICES | $1 / 2,3 \mathrm{~W}, \mathrm{Cv}=3.0$, div. MNPT/UNS | KELE BOM | 1 | \$97.14 | 38\% | \$60.23 |
| V320-12-ED3.5 | SPARTAN PERIPHERAL DEVICES | $1 / 2,3 \mathrm{~W}, \mathrm{Cv}=3.5$, DIV. MNPT/UNS | KELE BOM | 1 | \$97.14 | 38\% | \$60.23 |
| V320-34-ED1.0 | SPARTAN PERIPHERAL DEVICES | $3 / 4,3 \mathrm{~W}, \mathrm{cv}=1.00$ div. MNPT/UNS | KELE BOM | 1 | \$113.12 | 38\% | \$70.13 |
| V320-34-ED2.0 | SPARTAN PERIPHERAL DEVICES | $3 / 4,3 \mathrm{~W}, \mathrm{cv}=2.00$ div. MNPT/UNS | kELE BOM | 1 | \$113.12 | 38\% | \$70.13 |
| V320-34-ED3.0 | SPARTAN PERIPHERAL DEVICES | $3 / 4,3 \mathrm{~W}, \mathrm{Cv}=3.00$ div. MNPT/UNS | KELE BOM | 1 | \$113.12 | 38\% | \$70.13 |
| V320-34-ED3.5 | SPARTAN PERIPHERAL DEVICES | $3 / 4,3 \mathrm{~W}, \mathrm{cv}=3.5$, div. MNPT/UNS | KELE BOM | 1 | \$113.12 | 38\% | \$70.13 |
| V325 | SPARTAN PERIPHERAL DEVICES | 3/4", 3W DIV, BODY ONLY, SOLDER | V325-34 | 1 | \$24.15 | 38\% | \$14.97 |
| V325-12-ED1.0 | SPARTAN PERIPHERAL DEVICES | $1 / 2^{\prime \prime}, 3 \mathrm{w}, \mathrm{Cv}=1.0, \mathrm{DIV}$. SOLDER | KELE KIT | 1 | \$125.99 | 38\% | \$78.11 |
| V325-12-ED2.0 | SPARTAN PERIPHERAL DEVICES | $1 / 2^{\prime \prime}, 3 \mathrm{w}, \mathrm{Cv}=2.0, \mathrm{dVV}$. SOLDER | KELE KIT | 1 | \$125.99 | 38\% | \$78.11 |
| V325-12-ED3.0 | SPARTAN PERIPHERAL DEVICES | $1 / 2^{\prime \prime}, 3 \mathrm{~W}, \mathrm{Cv}=3.0$, dVV. SOLDER | KELE Kit | 1 | \$125.99 | 38\% | \$78.11 |
| V325-12-ED3. 5 | SPARTAN PERIPHERAL DEVICES | $1 / 2^{\prime \prime}, 3 \mathrm{w}, \mathrm{cv}=3.5$, dVV. SOLDER | KELE Kit | 1 | \$125.99 | 38\% | \$78.11 |
| V325-34-ED 1.0 | SPARTAN PERIPHERAL DEVICES | $3 / 4^{\prime \prime}, 3 \mathrm{w}, \mathrm{cv}=1.0 \mathrm{C}$ dVV. SOLDER | KELE KIT | 1 | \$71.99 | 38\% | \$44.63 |
| V325-34-ED2.0 | Spartan Peripheral devices | $3 / 4^{\prime \prime}, 3 \mathrm{~W}, \mathrm{Cv}=2.0$, DIV. SOLDER | KELE Kit | 1 | \$71.99 | 38\% | \$44.63 |
| V325-34-ED3.0 | SPARTAN PERIPHERAL DEVICES | $3 / 44^{\prime \prime}, 3 \mathrm{w}, \mathrm{Cv}=3.0, \mathrm{dVV}$. SOLDER | KELE KIT | 1 | \$71.99 | 38\% | \$44.63 |
| V325-34-ED3.5 | SPARTAN PERIPHERAL DEVICES | $3 / 4 \mathrm{c}, 3 \mathrm{w}, \mathrm{cv}=3.5$, dV. SOLDER | KELE KIT | 1 | \$71.99 | 38\% | \$44.63 |
| V345-10-ED5.5 | SPARTAN PERIPHERAL DEVICES | 1,3w, cve5.5, div. MNPT/UNS | V345-10-ED5. 5 | 1 | \$248.74 | 38\% | \$154.22 |
| PSS2-300-RED | SSI Services inc. | 0-300PSI W/RED DIGITAL DISPLAY | KELE BOM | 1 | \$774.00 | 38\% | \$479.88 |
| P51-100-20 | SSI TECHNOLOGIES, Inc. | $0-100 p s i, 4-20 \mathrm{~mA}$, 1/8in MNPT, 3ft cable | P51-100G-B-I36-20MA-0-R | 1 | \$230.00 | 38\% | \$142.60 |
| P51-100-20-E | SSI TECHNOLOGIES, Inc. | $0-100 \mathrm{psi}, 4-20 \mathrm{~mA}, 1 / 8 \mathrm{sin}$ MNPT, 3t cable, enclosed | KELE Bom | 1 | \$282.00 | 38\% | \$174.84 |
| P51-100-20-E-G | SSI TECHNOLOGIES, INC. | 0-100psi, $4-20 \mathrm{~mA}, 1 / \mathrm{sin}$ MNPT,3ft cable,encl. w/gauge | KELE Bom | 1 | \$306.00 | 38\% | \$189.72 |
| P51-100-5 | SSI TECHNOLOGIES, Inc. | 0 0-100psi, $1-5 \mathrm{VDC}, 1 / 8 \mathrm{Bin}$ MNPT, 3ft cable | P51-100G-B-336-5V-O-R | 1 | \$241.00 | 38\% | \$149.42 |
| P51-100-5-E | SSI TECHNOLOGIES, INC. | $0-100 p s i, 1-5 \mathrm{VDC},, 1 / 8 \mathrm{in}$ MNPT, 3ft cable, enclosed | KELE BOM | 1 | \$282.00 | 38\% | \$174.84 |
| P51-100-5-E-G | SSI TECHNOLOGIES, INC. | $0-100$ psi, $1-5 \mathrm{VDCC}, 1 / 8 \mathrm{in}$ MNPT,3ft cable,encl. w/gauge | KELE BOM | 1 | \$306.00 | 38\% | \$189.72 |
| P51-15-20 | SSI TECHNOLOGIES, INC. | $0-15$ psi, $4-20 \mathrm{~mA}, 1 / 8 \mathrm{sin}$ MNPT, 3 ft cable | P51-15G-UB-I36-20mA-0-R | 1 | \$245.00 | 38\% | \$151.90 |
| P51-15-20-E | SSI TECHNOLOGIES, INC. | $0-15 \mathrm{psi}$, 4-20 mA, 1/8in MNPT, 3ft cable, enclosed | KELE BOM | 1 | \$282.00 | 38\% | \$174.84 |
| P51-15-20-E-G | SSI TECHNOLOGIES, INC. | 0-15psi, 4 -20mA, $1 / 8 \mathrm{in}$ MNPT,3ft cable,encl. w/gauge | KELE Bom | 1 | \$306.00 | 38\% | \$89.72 |
| P51-15-5 | SSI TECHNOLOGIES, Inc. | $0-15$ psi, $1-5 \mathrm{VDC}, 1 / 8 \mathrm{in}$ MNPT, 3ft cable | P51-15G-UB-I36-5V-OR | 1 | \$245.00 | 38\% | \$151.90 |
| P51-15-5-E | SSI TECHNOLOGIES, INC. | $0-15$ psi, $1-5 \mathrm{VDC}, 1 / 8 \mathrm{in}$ MNPT, 3 ft cable, enclosed | KELE BOM | 1 | \$282.00 | 38\% | \$174.84 |
| P51-15-5-E-6 | SSI TECHNOLOGIES, INC. | $0-15$ ssi, 1 -5VDC, $1 / 8$ in MNPT, 3 ft cable,encl. w/gauge | KELE BOM | 1 | \$306.00 | 38\% | \$189.72 |
| P51-200-20 | SSI TECHNOLOGIES, INC. | $0-200 p s i, 4-20 \mathrm{~mA}$, 1/8in MNPT, 3ft cable | P51-200G-B-36-20mA-0-R | 1 | \$231.00 | 38\% | \$143.22 |
| P51-200-20-E | SSI TECHNOLOGIES, Inc. | $0-200 \mathrm{psi}, 4-20 \mathrm{~mA}, 1 / 8 \mathrm{in}$ MNPT, 3 ft cable, enclosed | KELE BOM | 1 | \$282.00 | 38\% | \$174.84 |
| P51-200-20-E-G | SSI TECHNOLOGIES, Inc. | 0-200psi,4-20mA,1/8in MNPT,3ft cable,encl. w/gauge | KELE Bom | 1 | \$306.00 | 38\% | \$89.72 |
| P51-200-5 | SSI TECHNOLOGIES, Inc. | $0-200 p s i, 1-5 \mathrm{VDC} ,1 / 8 \mathrm{in}$ MNPT, 3ft cable | P51-200G-B-I36-5V-O-R | 1 | \$241.00 | 38\% | \$149.42 |
| P51-200-5-E | SSI TECHNOLOGIES, Inc. | $0-200 \mathrm{psi}, 1-5 \mathrm{VDC}, 1 / 8 \mathrm{in}$ MNPT, 3ft cable, enclosed | KELE BOM | 1 | \$282.00 | 38\% | \$174.84 |
| P51-200-5-E-G | SSI TECHNOLOGIES, Inc. | 0-200psi, 1 -5VDC, 1/8in MNPT, 3ft cable,encl. w/gauge | KELE Bom | 1 | \$306.00 | 38\% | \$189.72 |
| P51-300-20 | SSI TECHNOLOGIES, INC. | $0-300 p s i, 4-20 \mathrm{~mA}, 1 / 8 \mathrm{in}$ MNPT, 3ft cable | P51-300G-B-36-20mA-0-R | 1 | \$242.00 | 38\% | \$150.04 |
| P51-300-20-E | SSI TECHNOLOGIES, Inc. | $0-300 \mathrm{psi}$, 4-20 mA, 1/8in MNPT, 3ft cable, enclosed | KELE BOM | 1 | \$282.00 | 38\% | \$174.84 |
| P51-300-20-E-G | SSI TECHNOLOGIES, Inc. | $0-300 \mathrm{psi}, 4-20 \mathrm{~mA}, 1 / \mathrm{sin}$ MNPT,3ft cable,encl. w/gauge | KELE Bom | 1 | \$306.00 | 38\% | \$89.72 |
| P51-300-5 | SSI TECHNOLOGIES, Inc. | $0-300 \mathrm{psi}$, $1-5 \mathrm{VDC}, 1 / 8 \mathrm{in}$ MNPT, 3ft cable | P51-300G-B-I36-5V-0-R | 1 | \$245.00 | 38\% | \$151.90 |
| P51-300-5-E | SSI TECHNOLOGIES, Inc. | $0-300 \mathrm{psi}, 1-5 \mathrm{VDC}, 1 / 8 \mathrm{sin}$ MNPT, 3ft cable, enclosed | KELE Bom | 1 | \$282.00 | 38\% | \$174.84 |
| ${ }^{\text {P5 } 51-300-5-E-G ~}$ | SSI TTCHNOLOGIES, INC. | $0-300$ psi, $1-5 \mathrm{VDCC}, 1 / \mathrm{is}$ MNPT, 3ft cable,encl. w/gauge | KELE BOM | 1 | \$306.00 | 38\% | \$189.72 |
| P51-50-20 | SSI TECHNOLOGIES, INC. | $0-50 \mathrm{psi}, 4-20 \mathrm{~mA}, 1 / 8 \mathrm{in}$ MNPT, 3 ft cable | P51-50G-B-36-20mA-0-R | 1 | \$232.00 | 38\% | \$143.84 |
| P51-50-20-E | SSI TECHNOLOGIES, INC. | $0-50 \mathrm{psi}$, $4-20 \mathrm{~mA}, 1 / 8 \mathrm{in}$ MNPT, 3ft cable, enclosed | KELE BOM | 1 | \$282.00 | 38\% | \$174.84 |
| P51-50-20-E-G | SSI TTCHNOLOGIES, INC. | $0-50$ psi, $4-20 \mathrm{~mA}, 1 / 8 \mathrm{in}$ MNPT, 3it cable,encl. w/gauge | KELE BOM | 1 | \$306.00 | 38\% | \$189.72 |
| P51-50-5 | SSI TECHNOLOGIES, INC. | $0-50 \mathrm{psi}, 1-5 \mathrm{VDC}, 1 / 8 \mathrm{in}$ MNPT, 3ft cable | P51-50G-B-I36-5V-0-R | 1 | \$245.00 | 38\% | \$151.90 |
| P51-50-5-E | SSI TECHNOLOGIES, IIC. | $0-50 \mathrm{psi}$, $1-5$ VDC, $1 / / 8 \mathrm{in}$ MNPT, 3ft cable, enclosed | KELE BOM | 1 | \$282.00 | 38\% | \$174.84 |
| P51-50-5-E-6 | SSI TECHNOLOGIES, Inc. | 0 -50psi, 1 -5vDC,1/8in MNPT, 3ft cable,encl. w/gauge | KELE Bom | 1 | \$306.00 | 38\% | \$189.72 |
| P51-500-20 | SSI TTCHNOLOGIES, INC. | $0-500$ psi, $4-20 \mathrm{~mA}, 1 / 8 \mathrm{sin} \mathrm{MNPT}$,3 ft cable | P51-500s-b-36-20mA-0-R | 1 | \$234.00 | 38\% | \$145.08 |
| P51-500-20-E | SSI TECHNOLOGIES, Inc. | $0-500 \mathrm{psi}, 4-20 \mathrm{~mA}, 1 / 8 \mathrm{Bin}$ MNPT, 3ft cable, enclosed | KELE BOM | 1 | \$282.00 | 38\% | \$174.84 |
| P51-500-20-E-G | SSI TECHNOLOGIES, INC. | $0-500 \mathrm{pss}, 4-20 \mathrm{~mA}, 1 / 8 \mathrm{in}$ MNPT,3ft cable,encl. w/gauge | KELE Bom | 1 | \$306.00 | 38\% | \$189.72 |
| ${ }^{\text {P51-500-5 }}$ | SSI TTCHNOLOGIES, INC. | $0-500 \mathrm{psi}, 1-5 \mathrm{VDC}, 1 / 8 \mathrm{sin}$ MNPT, 3ft cable | P51-500S-B-36-5V-0-R | 1 | \$245.00 | 38\% | \$151.90 |
| P51-500-5-E | SSI TECHNOLOGIES, Inc. | $0-500 \mathrm{psi}$, $1-5 \mathrm{VDC}, 1 / 8 \mathrm{Bin}$ MNPT, 3 ft cable, enclosed | KELE BOM | 1 | \$282.00 | 38\% | \$174.84 |
| P51-50--5 -E-G | SSI TECHNOLOGIES, INC. | $0-500$ psi, 1 -5VDC, $1 / 18 \mathrm{in}$ MNPT, 3 St cable,encl. w/gauge | KELE BOM | 1 | \$306.00 | 38\% | \$189.72 |
| PSS2-100 | SSI TECHNOLOGIES, Inc. | STAINLESS TRANS 0-100 PSI | KELE KIT | 1 | \$290.00 | 38\% | \$179.80 |
| PSS2-100-E | SSI TECHNOLOGIES, INC. | ENCLOSED S.S. TRANS 0-100PSI | KELE BOM | 1 | \$333.00 | 38\% | \$206.46 |
| PSS2-100-G | SSI TECHNOLOGIES, Inc. | SS TRANS 0-100PSI W/ENCL GAUGE | KELE BOM | 1 | \$393.00 | 38\% | \$243.66 |
| PSS2-100-LCD | SSI TECHNOLOGIES, INC. | $0-100$ PSI W/LCD DISPLAY | KELE BOM | 1 | \$754.00 | 38\% | \$467.48 |
| PSS2-100-RED | SSI TECHNOLOGIES, INC. | $0-1000$ SI W/RED DIGITAL DISPLAY | KELE BOM | 1 | \$779.00 | 38\% | \$482.98 |
| PSS2-1000 | SSI TECHNOLOGIES, Inc. | STAINLESS TRANS 0-1000 PSI | KELE KIT | 1 | \$290.00 | 38\% | \$179.80 |
| PSS2-1000-E | SSI TECHNOLOGIES, INC. | ENCLOSED S.S. TRANS 0-1000PSI | KELE BOM | 1 | \$333.00 | 38\% | \$206.46 |
| PSS2-1000-LCD | SSI TECHNOLOGIES, INC. | $0-1000$ PSI W/LCD DISPLAY | kELE Bom | 1 | \$754.00 | 38\% | \$467.48 |
| PSS2-15 | SSI TTCHNOLOGIES, INC. | STAINLESS TRANS $0-15$ PSI | KELE KIT | 1 | \$290.00 | 38\% | \$179.80 |
| PSS2-15-E | SSI TECHNOLOGIES, Inc. | ENCLOSED S.S. TRANS 0-15PSI | KELE Bom | 1 | \$333.00 | 38\% | \$206.46 |
| PSS2-15-G | SSI TECHNOLOGIES, INC. | SS TRANS 0-15PSI W/ENCL GAUGE | KELE BOM | 1 | \$394.00 | 38\% | \$244.28 |
| PSS2-15-LCD | SSI TECHNOLOGIES, INC. | $0-15$ PSI W/LCD DISPLAY | KELE BOM | 1 | \$554.00 | 38\% | \$467.48 |
| PSS2-15-RED | SSI TECHNOLOGIES, Inc. | $0-15$ PSI W/RED DIGITAL DISPLAY | KELE BOM | 1 | \$779.00 | 38\% | \$482.98 |
| PSS2-150 | SSI TECHNOLOGIES, INC. | STAINLESS TRANS 0-150 PSI | KELE Kit | 1 | \$290.00 | 38\% | \$179.80 |
| PSS2-150-E | SSI TECHNOLOGIES, INC. | Enclosed s.S. TRANS 0-150PSI | KELE BOM | 1 | \$333.00 | 38\% | \$206.46 |
| PSS2-150-G | SSI TTCHNOLOGIES, INC. | SS TRANS 0-150PSI W/ENCL GAUGE | KELE BOM | 1 | \$393.00 | 38\% | \$243.66 |
| PSS2-150-LCD | SSI TECHNOLOGIES, Inc. | 0-150 PSI W/LCD DISPLAY | KELE Bom | 1 | \$754.00 | 38\% | \$467.48 |
| PSS2-150-RED | SSI TECHNOLOGIES, INC. | $0-150 P S I$ W/RED DIGITAL DISPLAY | KELE BOM | 1 | \$779.00 | 38\% | \$482.98 |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or faciility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mond HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to progra, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, Firminterface F ( 1 , and/or other similar device, which uilize certain procols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

As part of the and in conjunction with the contractor providing the aforementio.

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, owers, water fountains, water heaters hot water tanks, garbage disposal
General Ductwork, Piping etce shall not be obtained on these contract
Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not:
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited ta
A. Audio-Video equirment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' $\mathbf{l}$ 'cation in the event of a fire or emergency.


The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Itegrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Moud HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integr
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, $\quad$ Interface Panel (FIAP), and/or other similar device, which utilize certain platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforemenio. mainten ef Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs owers, water fountains, water heaters hot water tanks, garbage disposa
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
B. Audio-Video equi

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' $\mathbf{l}$ location in the event of a fire or emergency.

| Mosel Number | Mantracurer | Proctuct Desariplion | Product Code | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 355-600 | SYMCOM INC. (Also SSAC) | 3PH VOLT MONITOR 575-600V SPDT |  |  | Ustrice | \% \% Discoum | \$ $\$ 316.82$ |
|  | 455 SYMCOM INC. (Also SSAC) | THREE PHASE LINE-LOAD VOLTAGE MONITOR 190-480VAC | 455 | 1 | \$34900 | 38\% | \$216.38 |
| 455-480R | 455 SYMCM SYMCOM INC. (Allso SSAC) | THRE PHASE LNE-LOAD VOLIAGE MONNTR 19-480VAC | 455-480R | 1 | \$349.00 | 38\% | $\$ 216.38$ $\$ 305.04$ |
| 455-575 | sYmcom inc. (Also SSAC) | THREE PHASE LINE-LOAD VOLTAGE MONITOR 475-600VAC | 455-575 | 1 | \$349.00 | 38\% | \$216.38 |
|  | 460 SYMCOM INC. (Also SSAC) | 3 PHASE VOLTAGE MONITOR, 190-480V SPDT | 460 | 1 | \$249.00 | 38\% | \$154.38 |
| 460-575 | SYMCOM INC. (Also SSAC) | 3 PHASE VOLTAGE MONITOR, 470-600VAC SPDT | 460-575 | 1 | \$277.72 | 38\% | \$172.19 |
| 460-MR | SYMCOM Inc. (Also SSAC) | VOLTAGE MONITOR, 190-480V, SPDT W/ MANuAL RESET | 460-MR | 1 | \$263.00 | 38\% | \$163.06 |
| 508-100 | SYMCOM INC. (Also SSAC) | ${ }_{1}$ PH VOLT MONITOR 95-120V SPDT | 50--115 | , | \$266.00 | 38\% | \$164.92 |
| 508-200 | SYMCOM INC. (Also SSAC) | 1 1PH VOLT MONITOR 190-240V SPDT | 50R-200 | 1 | \$266.00 | 38\% | \$164.92 |
| informer-ms | SYMCOM INC. (Also SSAC) | LED TRANSMITTER FOR 455 | Informer-ms | 1 | \$406.00 | 38\% | \$251.72 |
| ALT-115-S-SW | SYMCOM INC. (Also SSAC) | ALt relay 115VAC OVERRIDE | ALT-115-S-SW | 1 | \$186.00 | 38\% | \$115.32 |
| ALT-24-S-SW | SYMCOM INC. (Also SSAC) | alt relay 24vac override | ALT-24-S-SW | 1 | \$181.03 | 38\% | \$112.24 |
| EXT3 | SYSTEM DYNAMICS, INC DBA | Ext rod Kit For wlc-3000 | EXT3 | 1 | \$293.60 | 38\% | \$182.03 |
| EXT4 | SYSTEM dYnamics, inc dba | A EXT ROD KIT FOR WLC-4000-4500 | EXT4 | 1 | \$367.00 | 38\% | \$227.54 |
| EXT5 | SYSTEM DYNAMICS, INC DBA | ExT Rod Kit For wlc-5000 | EXT5 | 1 | \$409.21 | 38\% | \$253.71 |
| EXT6 | SYSTEM DYNAMICS, IIC DBA | ExT ROD KIT FOR WLC-6000 | EXT6 | 1 | \$445.91 | 38\% | \$276.46 |
| WLC-3000 | SYSTEM DYNAMICS, INC DBA | A Water lvi cntrl, fill only | WLC-3000 | 1 | \$2,110.25 | 38\% | \$1,308.36 |
| WLC-4000 | SYSTEM DYNAMICS, INC DBA | A WATER LVL CNTRL, FILL W/ Hi ALARM | WLC-4000 | 1 | \$2,168.97 | 38\% | \$1,344.76 |
| WLC-4500 | SYSTEM DYNAMICS, IIC DBA | WATER LVL CNTRL, FILL W/ LOW ALARM | WLC-4500 | 1 | \$2,168.97 | 38\% | \$1,344.76 |
| WLC-5000 | SYSTEM DYNAMICS, INC DBA | Water LVL CNTLL, FILL W/ Hi \& Low ALARM | WLC-5000 | 1 | \$2,229.53 | 38\% | \$1,382.31 |
| WLC-6000 | SYSTEM DYNAMICS, INC DBA | A Water LVL CNTRL, FILL W/ Hi, Low, \& LOW-Low ALARM | WLC-6000 | 1 | \$2,293.75 | 38\% | \$1,422.13 |
| APA151 | SYstem sensor | REM.ANNUNC.W/Piezo,ALARM, \&LED | APA151 | 1 | \$68.00 | 38\% | \$42.16 |
| MHR | SYSTEM SENSOR | mini horn red | MHR | 1 | \$34.94 | 38\% | \$21.66 |
| 2051 | SYStem sensor | 4-WIRE DUCT PHOTO DETECTOR HEAD | 2051 | 1 | \$113.33 | 38\% | \$70.26 |
| AOS | SYSTEM SENSOR | ADD-ON-STROBE FOR RTS2 | AOS | 1 | \$93.62 | 38\% | \$58.04 |
| D4120 | SYStem Sensor | 4-WIRE PHOTOELECTRIC DUCT SMOKE DETECTOR | D4120 | 1 | \$283.56 | 38\% | \$175.81 |
| D4120W | SYStem Sensor | 4-WIRE PHOTOELECTRIC NEMA4 DUCT SMOKE DETECTOR | D4120W | 1 | \$407.00 | 38\% | \$252.34 |
| D4P120 | SYStem Sensor | 4-WIRE PHOTOELECTRIC POWER BOARD ONLY COMPONENT | D4P120 | 1 | \$208.97 | 38\% | \$129.56 |
| D4S | SYstem sensor | 4-WiRe Photoelectric sensor only Component | D4S | 1 | \$195.55 | 38\% | \$121.24 |
| DST1 | SYSTEM SENSOR | 1 fT . SAMPLING TUBE | DST1 | 1 | \$10.82 | 38\% | \$6.71 |
| DST1.5 | SYStem Sensor | 1.5 FT . SAMPLING TUBE | DST1.5 | 1 | \$14.41 | 38\% | \$8.93 |
| DST10 | SYSTEM SENSOR | 10FT. SAMPLING TUBE | DST10 | 1 | \$55.00 | 38\% | \$34.10 |
| DST3 | SYSTEM SENSOR | 3FT. SAMPLING TUBE | DST3 | 1 | \$20.29 | 38\% | \$12.58 |
| DST5 | SYStem Sensor | 5FT. SAMPLING TUBE | DST5 | 1 | \$27.00 | 38\% | \$16.74 |
| ETX | SYStem sensor | 1 FT . EXHAUST TUBE | ETX | 1 | \$11.24 | 38\% | \$6.97 |
| MHW | SYstem sensor | MINI ALERT SOUNDER- white | MHW | 1 | \$34.94 | 38\% | \$21.66 |
| RA100z | SYSTEM SENSOR | remote annunciator | RA1002 | 1 | \$33.00 | 38\% | \$20.46 |
| RTS151 | SYStem sensor | REMOTE TEST STATION | RTS151 | 1 | \$73.00 | 38\% | \$45.26 |
| RTS151KEY | SYSTEM SENSOR | REMOTE TEST/RESET STATION W/ KEY | RTS151KEY | 1 | \$99.00 | 38\% | \$61.38 |
| RTS2 | SYStem Sensor | KEY-ACtivated remote test/reset station | RTS2 | 1 | \$187.23 | 38\% | \$116.08 |
| RTS2-AOS | SYSTEM SENSOR | KEY-ACTTVATED REMOTE TEST/RESET STATION W/STROBE | RTS2-AOS | 1 | \$275.75 | 38\% | \$170.97 |
| PB-10NSE | TAKEX America, inc. | 33 ft miniature photon beam n/o, n/C | PB-10NSE | 1 | \$262.96 | 38\% | \$163.04 |
| FM-102 | TANE ALARM PRODUCTS | SURFACE MNT W/18 In LEADS(10 PAK) | FM-102-WH | 1 | \$29.00 | 38\% | \$17.98 |
| FM-106 | TANE ALARM Products | SURFACE MNT 1 IN GAP W/18 IN LEADS(10 PAK) | FM-106-WH | 1 | \$30.00 | 38\% | \$18.60 |
| MET-200AR | TANE ALARM PRODUCTS | ALUMINUM $2^{\prime \prime}$ SURFACE MOUNT WITH ARMORED CABLE | MET-200AR | 1 | \$19.69 | 38\% | \$12.21 |
| Mini10 | TANE ALARM Products | $3 / 8$ In MIIII CONTACT(10 PAK) | minito-wh | 1 | \$40.00 | 38\% | \$24.80 |
| RB-32ROLLERBALL | TANE ALARM PRODUCTS | RoLLER BALL CONTACT W/12 LEADS(10 PAK) | RB-32 | 1 | \$61.00 | 38\% | \$37.82 |
| SD-80 | TANE ALARM PRODUCTS | 3/4 IN RECESSED W/18 IN LEADS(10 PAK) | SD-80-WH | 1 | \$65.00 | 38\% | \$40.30 |
| SM-35 | TANE ALARM PRODUCTS | SURFACE MNT W/SPACERS(10 PAK) | SM-35-WH | 1 | \$39.00 | 38\% | \$24.18 |
| STB-103/8RECESS | TANE ALARM Products | $3 / 8$ IN RECESSED W/12 IN LEADS(10 PAK) | STB-103/8RECESS | 1 | \$30.00 | 38\% | \$18.60 |
| STB-3/8TC | TANE ALARM PRODUCTS | $3 / 8$ In TERMINAL CONTACT(10 PAK) | STB-3/8TC WH | 1 | \$45.00 | 38\% | \$27.90 |
| STB-3/8TCDM | TANE ALARM PRODUCTS | $3 / 8$ IN TERM CONTACT DOUGHNUT MAGNET(10 PAK) | STB-3/8TCDM | 1 | \$45.00 | 38\% | \$27.90 |
| TANE-3/4TC | TANE ALARM Products | 3/4 In TERMINAL CONTACT(10 PAK) | TANE-3/4TC-wh | 1 | \$65.00 | 38\% | \$40.30 |
| TANE-45 | TANE ALARM PRODUCTS | SURFACE MNT MINI CONTACT 3/4 IN GAP(10 PAK) | TANE-45-WH | 1 | \$37.00 | 38\% | \$22.94 |
| tane-micro | TANE ALARM PRODUCTS | mini Contact $1 / 2$ IN GAP(10 PAK) | TANE-MICRO-wh | 1 | \$53.00 | 38\% | \$32.86 |
| ST-R78 | TEMPERATURE SPECIALST | Raw Sensor | 141-0002-02 | 1 | \$106.00 | 38\% | \$65.72 |
| A-2554 | ten-tec, inc. | CABINET FOR Z2vDC-LON | A-2554 | 1 | \$567.00 | 38\% | \$351.54 |
| E-6136 | Ten-tec, inc. | Z2VDC-LON COMPONENT | E-6136 | 1 | \$119.00 | 38\% | \$73.78 |
| EPETD8S | TPI CORP. | XP WALL THERMOSTAT 50-90F | EPETD8S | 1 | \$665.00 | 38\% | \$412.30 |
| HLT-1 | TPI CORP. | EXPLOSIONPROOF THERMOSTAT, SPDT | HLT-1 | 1 | \$709.00 | 38\% | \$439.58 |
| HLT-2 | TPI CORP. | EXPOLOSIONPROOF THERMOSTAT, DPDT | HLT-2 | 1 | \$772.00 | 38\% | \$478.64 |
| RH-3 | TPI CORP. | .05-12.OinW.C. PRESS SWITCH | RH-3A | 1 | \$51.00 | 38\% | \$31.62 |
| RH-3-2 | TPI CORP. | 0.05 in to 2.Oin W.C. PRESSURE SWITCH | RH35AU | 1 | \$75.00 | 38\% | \$46.50 |
| RH-3-2-C | TPI CORP. | KELE CALIBRATED DP SWITCH | KELE BOM | 1 | \$94.00 | 38\% | \$58.28 |
| RH-3-C | TPI CORP. | KELE CALIBRATED DP SWITCH | KELE Bom | 1 | \$74.00 | 38\% | \$45.88 |
| RH1505D | TPI CORP. | RH PRESSURE SWITCH | RH1505D0 | 1 | \$47.00 | 38\% | \$29.14 |
| ETS-S-1S | TPI CORP. | 50-90F LINE VOLTAGE STAT | ETS-S-S | 1 | \$37.00 | 38\% | \$22.94 |
| ETSDTS | TPI CORP. | THERMOSTAT, DP 22AMP, 120-277V, HEAT ONLY W/LEADS | ETSDTS | 1 | \$45.00 | 38\% | \$27.90 |
| ET5SRS | TPI CORP. | THERMOSTAT, SP 22 AMP, COOLING ONLY | ETSSRS | 1 | \$40.00 | 38\% | \$24.80 |
| ETTSRTS | TPI CORP. | THERMOSTAT SP COOL THERMOMETER | ETSSRTS | 1 | \$77.00 | 38\% | \$47.74 |
| ET5STS | TPI CORP. | THERMOSTAT, SP 22 AMP, HEAT ONLY W/THERMOMETER | ETSSTS | 1 | \$45.00 | 38\% | \$27.90 |
| ETD-5MS | TPI CORP. | LINE VOLTAGE THERMOSTAT | EtDSMS | 1 | \$59.00 | 38\% | \$36.58 |
| ETDS-S-1S | TPI CORP. | SINGLE POLE HEATING OR COOLING | ETDS-S-S | 1 | \$39.00 | 38\% | \$24.18 |
| ETDSSTS | TPI CORP. | THERMOSTAT, SPDT W/THERMOMETER | ETD5STS | 1 | \$42.00 | 38\% | \$26.04 |
| KTD110 | TPI CORP. | THERMOSTAT LINE VOLTAGE SPDT | KTD110 | 1 | \$65.00 | 38\% | \$40.30 |
| LRD100A | TPI CORP. | THERMOSTAT SPDT BI-METAL | LRD100A | 1 | \$53.00 | 38\% | \$32.86 |
| LRO100A | TPI CORP. | BI-METAL ADJUSTABLE THERMOSTAT | LRO100A | 1 | \$40.00 | 38\% | \$24.80 |
| TC-100-1A-3C | TPI CORP. | FIRE STAT 11in | TC-100-1A-3C | 1 | \$75.00 | 38\% | \$46.50 |
| TC-105-1A-3C | TPI CORP. | FIRE STAT Sin | TC-105-1A-3C | 1 | \$76.00 | 38\% | \$47.12 |
| TC-114-1 | TPI CORP. | Stat brand lbl resale | TC-114-1 | 1 | \$58.00 | 38\% | \$35.96 |
| ${ }^{\text {TW155 }}$ | TPI CORP. | SPDT NEMA 4 TSTAT, EXT. SETPOINT, 120 TO 277 VAC | ${ }^{\text {TWW }} 155$ | 1 | \$315.00 | 38\% | \$195.30 |
| TW255 | TPI CORP. | DPDT NEMA 4 TSTAT, EXT. SETPOINT, 120 TO 277 VAC | TW255 | 1 | \$365.00 | 38\% | \$226.30 |
| UT8001 | TPI CORP. | LOW Volt h/C TSTATE ELEC HEAT | UT8001 | 1 | \$27.00 | 38\% | \$16.74 |
| K-NPB-PWR-UN | TRIDIUM, inc. | TRION UNIVERSAL POWER SUPPLY | K-NPB-PWR-UN | 1 | \$340.00 | 38\% | \$210.80 |
| K-SEC-ENC-MED | TRIDIUM, INC. | trion medium enclosure | K-SEC-ENC-MED | 1 | \$997.00 | 38\% | \$618.14 |
| 522-02-E2C-0 | ultraflo | 2W 2 2POS SRC 120V, CONFIG 0 | 522-02-E2C-0 | 1 | \$8,946.00 | 38\% | \$5,546.52 |
| 522-02-E2C-1 | ultraflo | 3W 2 2POS SR 120V, CONFIG 1 | 522-02-E2C-1 | 1 | \$10,103.00 | 38\% | \$6,263.86 |
| 522-02-E2C-2 | ultraflo | 3W 2 2POS SR 120V, CONFIG 2 | 522-02-E2C-2 | 1 | \$10,103.00 | 38\% | \$6,263.86 |
| 522-02-E2C-3 | ultraflo | 3W 2 2POS SR 120V, CONFIG 3 | 522-02-E2C-3 | 1 | \$10,103.00 | 38\% | \$6,263.86 |
| 522-02-E2C-4 | ultraflo | 3W 2 2POS SR 120V, CONFIG 4 | 522-02-E2C-4 | 1 | \$10,103.00 | 38\% | \$6,263.86 |
| 522-02-E2C-5 | ultraflo | 3W 2 2POS SR 120V, CONFIG 5 | 522-02-E2C-5 | 1 | \$10,103.00 | 38\% | \$6,263.86 |
| 522-02-E2C-6 | ultraflo | 3W 2 2POS SR 120V, CONFIG 6 | 522-02-E2C-6 | 1 | \$10,103.00 | 38\% | \$6,263.86 |
| 522-02-E20-0 | ultraflo | 2W 2 2POS SRO 120V, CONFIG 0 | 522-02-E20-0 | 1 | \$8,946.00 | 38\% | \$5,546.52 |
| 522-02-22X-0 | ultraflo | 2W 2 2POS NSR 120V, CONFIG 0 | 522-02-E2X-0 | 1 | \$1,401.00 | 38\% | \$868.62 |
| 522-02-E2X-1 | ulteaflo | 3W 2 2POS NSR 120V, CONFIG 1 | 522-02-E2X-1 | 1 | \$1,922.00 | 38\% | \$1,191.64 |
| 522-02-E2X-2 | ultaaflo | 3W 2 2POS NSR 120V, ConFig 2 | 522-02-E2X-2 | 1 | \$1,922.00 | 38\% | \$1,191.64 |
| 522-02-E2X-3 | ultraflo | 3W 2 2POS NSR 120V, CONFIG 3 | 522-02-E2X-3 | 1 | \$1,922.00 | 38\% | \$1,191.64 |
| 522-02-E2X-4 | ultraflo | 3W 2 2POS NSR 120V, CONFIG 4 | 522-02-E2X-4 | 1 | \$1,922.00 | 38\% | \$1,191.64 |
| 522-02-E2x-5 | ultraflo | 3W 2 2POS NSR 120V, CONFIG 5 | 522-02-E2X-5 | 1 | \$1,922.00 | 38\% | \$1,191.64 |
| $522-02-E 2 X-6$ | ultraflo | 3 W 2 2POS NSR 120V, CONFIG 6 | $522-02$-E2X-6 | 1 | \$1,922.00 | 38\% | \$1,191.64 |
| 522-02-EMC-0 | ultraflo | 2W 2 MOD SRC 120V CONFIG 0 | 522-02-EMC-0 | 1 | \$10,299.00 | 38\% | \$6,385.38 |
| $522-02-\mathrm{EMC}-1$ | ultraflo | 3 W 2 MOD SR 120 V CONFIG 1 | 522-02-EMC-1 | 1 | \$10,872.00 | 38\% | \$6,740.64 |
| 522-02-EMC-2 | uttraflo | 3 L 2 MOD SR 12OV CONFIG 2 | 522-02-EMC-2 | 1 | \$10,872.00 | 38\% | \$6,740.64 |
| 522-02-EMC-3 | ultraflo | 3 Z 2 MOD SR 120V CONFIG 3 | 522-02-EMC-3 | 1 | \$10,872.00 | 38\% | \$6,740.64 |
| 522-02-EMC-4 | ultraflo | 3W 2 MOD SR 120V CONFIG 4 | 522-02-EMC-4 | 1 | \$10,872.00 | 38\% | \$6,740.64 |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted Installedl] Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (MAP), and/or other similar device, which utilize certan etc.) to communicate
platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance: and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs owers, water fountains, water heaters hot water tanks, garbage disposal
General Ductwork, Piping, etc. shall not be obtained on these contracts
Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not:
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
B. Audio-Video equent or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' $\mathbf{l}$ location in the event of a fire or emergency.


The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted Installedl] Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance: and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs showers, water fountains, water heaters hot water tanks, garbage disposal
General Ductwork Piping, etc. shall not be obtained on these contracts
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not:
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased rom these contracts for any other purposes, including, but not imited to
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' $\mathbf{l}$ location in the event of a fire or emergency.

|  |  |  |  | $\begin{gathered} \text { "Warranty Period - \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54 \text { " } \end{gathered}$ | Lsip Pice | \% discount | NvS Nal Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 522-03-EMC-2 | ULTRAFLO | 3 W 3 MOD SR 120V CONFIG 2 | 522-03-EMC-2 | 1 | \$11,608.00 | 38\% | \$7,196.96 |
| 522-03-EMC-3 | Ultraflo | 3 3 MOD SR 120V CONFIG 3 | 522-03-EMC-3 | 1 | \$11,608.00 | 38\% | \$7,196.96 |
| 522-03-EMC-4 | ultraflo | 3W 3 MOD SR 120V CONFIG 4 | 522-03-EMC-4 | 1 | \$11,608.00 | 38\% | \$7,196.96 |
| 522-03-EMC-5 | ultraflo | 3W 3 MOD SR 120V CONFIG 5 | 522-03-EMC-5 | 1 | \$11,608.00 | 38\% | \$7,196.96 |
| 522-03-EMC-6 | ultraflo | $3 W 3$ MOD SR 120 V CONFIG 6 | 522-03-EMC-6 | 1 | \$11,608.00 | 38\% | \$7,196.96 |
| 522-03-EMO-0 | ultraflo | 2 W 3 MOD SRO 120V CONFIG 0 | 522-03-EMO-0 | 1 | \$10,340.00 | 38\% | \$6,410.80 |
| 522-03-EMX-0 | Ultraflo | 2W 3 MOD NSR 120V CONFIG 0 | 522-03-EMX-0 | 1 | \$2,338.00 | 38\% | \$1,449.56 |
| 522-03-EMX-1 | Ultraflo | 3W 3 MOD NSR 120V CONFIG 1 | 522-03-EMX-1 | 1 | \$3,890.00 | 38\% | \$2,411.80 |
| 522-03-EMX-2 | ultraflo | 3 W 3 MOD NSR 120V CONFIG 2 | 522-03-EMX-2 | 1 | \$3,890.00 | 38\% | \$2,411.80 |
| 522-03-EMX-3 | Ultraflo | 3W 3 MOD NSR 120V CONFIG 3 | 522-03-EMX-3 | 1 | \$3,890.00 | 38\% | \$2,411.80 |
| 522-03-EMX-4 | ultraflo | 3W 3 MOD NSR 120V CONFIG 4 | 522-03-EMX-4 | 1 | \$3,890.00 | 38\% | \$2,411.80 |
| 522-03-EMXX | Ultraflo | 3W 3 MOD NSR 120V CONFIG 5 | 522-03-EMX-5 | 1 | \$3,890.00 | 38\% | \$2,411.80 |
| 522-03-EMX-6 | ULTRAFLO | 3W 3 MOD NSR 120V CONFIG 6 | 522-03-EMX-6 | 1 | \$3,890.00 | 38\% | \$2,411.80 |
| 522-03-H2C-0 | ULTraflo | 2 W 32 POS SRC HIGH PR PNEU (24 VAC) CONFIG 0 | 522-03-H2C-0 | 1 | \$983.00 | 38\% | \$609.46 |
| 522-03-H2C-1 | Ultraflo | 3 W 3 2POS SR HIGH PRESS PNEU (24 VAC) CONFIG 1 | 522-03-H2C-1 | 1 | \$2,221.00 | 38\% | \$1,377.02 |
| 522-03-H2C-2 | ultraflo | 3 W 3 2POS SR HIGH PRESS PNEU (24 VAC) CONFIG 2 | 522-03-H2C-2 | 1 | \$2,221.00 | 38\% | \$1,377.02 |
| 522-03-H2C-3 | Ultraflo | 3 W 3 2POS SR HIGH PRESS PNEU (24 VAC) CONFIG 3 | 522-03-H2C-3 | 1 | \$2,221.00 | 38\% | \$1,377.02 |
| 522-03-H2C-4 | Ultraflo | 3 W 3 2POS SR HIGH PRESS PNEU (24 VAC) CONFIG 4 | 522-03-H2C-4 | 1 | \$2,221.00 | 38\% | \$1,377.02 |
| 522-03-H2C-5 | Ultraflo | 3 W 3 2POS SR HIGH PRESS PNEU (24 VAC) CONFIG 5 | 522-03-H2C-5 | 1 | \$2,221.00 | 38\% | \$1,377.02 |
| 522-03-H2C-6 | Ultraflo | $3 W 3$ 2POS SR HIGH PRESS PNEU (24 VAC) CONFIG 6 | 522-03-H2C-6 | 1 | \$2,221.00 | 38\% | \$1,377.02 |
| 522-03-420-0 | ULTRAFLO | 2 W 3 2POS SRO HIGH PR PNEU (24 VAC) CONFIG 0 | 522-03-H20-0 | 1 | \$983.00 | 38\% | \$609.46 |
| 522-03-H2X-0 | Ultraflo | 2 W 32 POS NSR HIGH PRESS PNEU (24 VAC) CONFIG 0 | 522-03-H2X-0 | 1 | \$818.00 | 38\% | \$507.16 |
| 522-03-H2X-1 | Ultraflo | $3 W 32$ POS NSR HIGH PRESS PNEU (24 VAC) CONFIG 1 | 522-03-H2X-1 | 1 | \$1,971.00 | 38\% | \$1,222.02 |
| 522-03-H2X-2 | ultraflo | $3 W 32$ POS NSR HIGH PRESS PNEU (24 VAC) CONFIG 2 | 522-03-H2X-2 | 1 | \$1,971.00 | 38\% | \$1,222.02 |
| 522-03-H2X-3 | Ultraflo | $3 W 32$ POS NSR HIGH PRESS PNEU (24 VAC) CONFIG 3 | 522-03-H2X-3 | 1 | \$1,971.00 | 38\% | \$1,222.02 |
| 522-03-H2X-4 | Ultraflo | $3 W 32$ POS NSR HIGH PRESS PNEU (24 VAC) CONFIG 4 | 522-03-H2X-4 | 1 | \$1,971.00 | 38\% | \$1,222.02 |
| 522-03-H2X-5 | ULTRAFLO | $3 W 32$ POS NSR HIGH PRESS PNEU (24 VAC) CONFIG 5 | 522-03-H2X-5 | 1 | \$1,971.00 | 38\% | \$1,222.02 |
| 522-03-42X-6 | ULTRAFLO | 3 W 32 POS NSR HIGH PRESS PNEU (24 VAC) CONFIG 6 | 522-03-H2X-6 | 1 | \$1,971.00 | 38\% | \$1,222.02 |
| 522-03-HMC-0 | ULTraflo | 2 W 3 MOD 3-15 PSIG SRC High pr Pneu Config 0 | 522-03-HMC-0 | 1 | \$2,222.00 | 38\% | \$1,377.64 |
| 522-03-HMC-1 | Ultraflo | $3 W 3$ MOD 3 -15 PSIG SR HIGH PRESS PNEU CONFIG 1 | 522-03-HMC-1 | 1 | \$3,462.00 | 38\% | \$2,146.44 |
| 522-03-HMC-2 | ultraflo | 3W 3 MOD 3 -15 PSIG SR HIGH PRESS PNEU CONFIG 2 | 522-03-HMC-2 | 1 | \$3,462.00 | 38\% | \$2,146.44 |
| 522-03-HMC-3 | Ultraflo | 3W 3 MOD 3-15 PSIG SR HIGH PRESS PNEU CONFIG 3 | 522-03-HMC-3 | 1 | \$3,462.00 | 38\% | \$2,146.44 |
| 522-03-HMC-4 | Ultraflo | 3W 3 MOD 3-15 PSIG SR HIGH PRESS PNEU CONFIG 4 | 522-03-HMC-4 | 1 | \$3,462.00 | 38\% | \$2,146.44 |
| 522-03-HMC-5 | ultraflo | 3W 3 MOD 3-15 PSIG SR HIGH PRESS PNEU CONFIG 5 | 522-03-HMC-5 | 1 | \$3,462.00 | 38\% | \$2,146.44 |
| 522-03-HMC-6 | ULTRAFLO | 3W 3 MOD 3 -15 PSIG SR HIGH PRESS PNEU CONFIG 6 | 522-03-HMC-6 | 1 | \$3,462.00 | 38\% | \$2,146.44 |
| 522-03-HMO-0 | Ultraflo | 2 W 3 MOD 3 -15 PSIG SRO HIGH PR PNEU CONFIG 0 | 522-03-HMO-0 | 1 | \$2,222.00 | 38\% | \$1,377.64 |
| 522-03-HMX-0 | ultraflo | 2W 3 MOD 3 -15 PIIG NSR HIGH PRESS PNEU CONfIG 0 | 522-03-HMX-0 | 1 | \$2,033.00 | 38\% | \$1,260.46 |
| 522-03-HMX-1 | Ultraflo | 3 3 3 MOD 3 -15 PIIG NSR HIGH PRESS PNEU CONFIG 1 | 522-03-HMX-1 | 1 | \$3,209.00 | 38\% | \$1,989.58 |
| 522-03-HMX-2 | Ultraflo | 3 3 3 MOD 3 -15 PIIG NSR HIGH PRESS PNEU CONFIG 2 | 522-03-HMX-2 | 1 | \$3,209.00 | 38\% | \$1,989.58 |
| 522-03-HMX-3 | Ultraflo | 3W 3 MOD 3 -15 PSIG NSR HIGH PRESS PNEU CONFIG 3 | 522-03-HMX-3 | 1 | \$3,209.00 | 38\% | \$1,989.58 |
| 522-03-HMX-4 | ULTRAFLO | 3W 3 MOD 3 -15 PSIG NSR HIGH PRESS PNEU CONFIG 4 | 522-03-HMX-4 | 1 | \$3,209.00 | 38\% | \$1,989.58 |
| 522-03-HMX-5 | ULTRAFLO | 3W 3 MOD 3-15 PSIG NSR HIGH PRESS PNEU CONFIG 5 | 522-03-HMX-5 | 1 | \$3,209.00 | 38\% | \$1,989.58 |
| 522-03-HMX-6 | Ultraflo | 3W 3 MOD 3-15 PSIG NSR HIGH PRESS PNEU CONFIG 6 | 522-03-HMX-6 | 1 | \$3,209.00 | 38\% | \$1,989.58 |
| 522-03-K2NX-0 | Ultraflo | 2W 3 2POS/TRISTATE NSR 24V CONFIG 0 | 522-03-K2NX-0 | 1 | \$691.00 | 38\% | \$428.42 |
| 522-03-K2NX-1 | ultraflo | 3W 3 2POS/TRISTATE NSR 24V CONFIG 1 | 522-03-K2NX-1 | 1 | \$1,602.00 | 38\% | \$993.24 |
| 522-03-K2NX-2 | Ultraflo | 3W 3 2POS/TRISTATE NSR 24V CONFIG 2 | 522-03-K2NX-2 | 1 | \$1,602.00 | 38\% | \$993.24 |
| 522-03-K2NX-3 | ultraflo | 3W 3 2POS/TRISTATE NSR 24V Config 3 | 522-03-K2Nx-3 | 1 | \$1,602.00 | 38\% | \$993.24 |
| 522-03-K2NX-4 | Uutraflo | 3 W 3 2POS/TRISTATE NSR 24V CONFIG 4 | 522-03-K2NX-4 | 1 | \$1,602.00 | 38\% | \$993.24 |
| 522-03-K2NX-5 | ULTRAFLO | 3W 3 2POS/TRISTATE NSR 24V CONFIG 5 | 522-03-K2NX-5 | 1 | \$1,602.00 | 38\% | \$993.24 |
| 522-03-K2NX-6 | Ultraflo | 3 W 3 2POS/TRISTATE NSR 24V CONFIG 6 | 522-03-K2NX-6 | 1 | \$1,602.00 | 38\% | \$993.24 |
| 522-03-K2SC-0 | Ultraflo | 2 W 3 2POS, SRC 24 VAC CONFIG 0 | 522-03-K22C-0 | 1 | \$854.00 | 38\% | \$529.48 |
| 522-03-K2SC-1 | ultraflo | 3 W 3 2POS, SRC 24 VAC CONFIG 1 | 522-03-K2SC-1 | 1 | \$1,664.00 | 38\% | \$1,031.68 |
| 522-03-K2SC-2 | Ultraflo | 3 W 3 2POS, SRC 24 VAC CONFIG 2 | 522-03-K25C-2 | 1 | \$1,664.00 | 38\% | \$1,031.68 |
| 522-03-K2SC-3 | Ultraflo | 3 W 3 2POS, SRC 24 VAC CONFIG 3 | 522-03-K25-3 | 1 | \$1,664.00 | 38\% | \$1,031.68 |
| 522-03-k25C-4 | Ultraflo | 3 W 3 2POS, SRC 24 VAC CONFIG 4 | 522-03-K2sc-4 | 1 | \$1,664.00 | 38\% | \$1,031.68 |
| 522-03-K2SC-5 | ULTRAFLO | 3 3 3 2PSS, SRC 24 VAC CONFIG 5 | 522-03-K2SC-5 | 1 | \$1,664.00 | 38\% | \$1,031.68 |
| 522-03-K2SC-6 | ultraflo | 3 W 3 2POS, SRC 24 VAC CONFIG 6 | 522-03-K22S-6 | 1 | \$1,664.00 | 38\% | \$1,031.68 |
| 522-03-K250-0 | Ultraflo | 2 W 3 2PSS, SRO 24 VAC CONFIG 0 | 522-03-K220-0 | 1 | \$854.00 | 38\% | \$529.48 |
| 522-03-KMNX-0 | Ultraflo | 2W 34-20 MA NSR 24V CONFIG 0 | 522-03-KMNX-0 | 1 | \$846.00 | 38\% | \$524.52 |
| 522-03-KMNX-1 | ultraflo | 3W 3 4-20 MA NSR 24V CONFIG 1 | 522-03-KMNX-1 | 1 | \$1,874.00 | 38\% | \$1,161.88 |
| 522-03-KMNX-2 | Ultraflo | 3W 3 4-20 MA NSR 24V CONFIG 2 | 522-03-KMNX-2 | 1 | \$1,874.00 | 38\% | \$1,161.88 |
| 522-03-kMNX-3 | Ultraflo | 3W 3 4-20 MA NSR 24V CONFIG 3 | 522-03-KMNX-3 | 1 | \$1,874.00 | 38\% | \$1,161.88 |
| 522-03-KMNX-4 | ULTRAFLO | 3W 3 4-20 MA NSR 24V CONFIG 4 | 522-03-KMNX-4 | 1 | \$1,874.00 | 38\% | \$1,161.88 |
| 522-03-KMNX-5 | ultraflo | 3W 3 4-20 MA NSR 24V CONFIG 5 | 522-03-KMNX-5 | 1 | \$1,874.00 | 38\% | \$1,161.88 |
| 522-03-KMNX-6 | Ultraflo | 3W 3 4-20 MA NSR 24V CONFIG 6 | 522-03-KMNX-6 | 1 | \$1,874.00 | 38\% | \$1,161.88 |
| 522-03-KMSC-0 | ultraflo | 2 W 3 PROP, 2 -10VDC, 4-20MA, TRISTATE, SR | 522-03-KMSC-0 | 1 | \$1,056.00 | 38\% | \$654.72 |
| 522-03-KMSC-1 | Ultraflo | 3 W 3 PROP, 2-10VDC, 4-20MA, TRI, SR, CONF1 | 522-03-KMSC-1 | 1 | \$2,086.00 | 38\% | \$1,293.32 |
| 522-03-KMSC-2 | ultraflo | 3 W 3 PROP, 2 -10VDC, 4-20MA, TRI, SR, CONF2 | 522-03-KMSC-2 | 1 | \$2,086.00 | 38\% | \$1,293.32 |
| 522-03-KMSC-3 | ultraflo | 3 W 3 PROP, 2 -10VDC, 4-20MA, TRI, SR, CONF3 | 522-03-KMSC-3 | 1 | \$2,086.00 | 38\% | \$1,293.32 |
| 522-03-KMSC-4 | ULTRAFLO | 3 W 3 PROP, 2-10VDC, 4-20MA, TRI, SR, CONF4 | 522-03-KMSC-4 | 1 | \$2,086.00 | 38\% | \$1,293.32 |
| 522-03-KMSC-5 | ultraflo | 3 W 3 PROP, 2-10VDC, 4-20MA, TRI, SR, CONF5 | 522-03-KMSC-5 | 1 | \$2,086.00 | 38\% | \$1,293.32 |
| 522-03-KMSC-6 | ultraflo | 3 W 3 PROP, 2-10VDC, 4-20MA, TRI, SR, CONF6 | 522-03-KMSC-6 | 1 | \$2,086.00 | 38\% | \$1,293.32 |
| 522-03-KMSO-0 | Ultraflo | 2 W 3 PROP, 2 -10VDC, 4-20MA, TRISTATE, SR | 522-03-KMSO-0 | 1 | \$1,056.00 | 38\% | \$654.72 |
| 522-03-M2X-0 | Ultraflo | 2 W 3 MAnUAL LEVER ACTUATED Config 0 | 522-03-M2X-0 | 1 | \$162.00 | 38\% | \$100.44 |
| 522--33-P2C-0 | ultraflo | 2 W 3 2POS SRC Low PR PNEU (0/20 PSIG) CONFIG 0 | 522-03-P2C-0 | 1 | \$1,365.00 | 38\% | \$846.30 |
| 522-03-P2C-1 | ultraflo | 3 W 3 2POS SR, LOW PRESS PNEU (0/20 PSIG) CONFIG 1 | 522-03-P2C-1 | 1 | \$2,983.00 | 38\% | \$1,849.46 |
| 522-03-P2C-2 | ULTRAFLO | 3W 3 2POS SR, LOW PRESS PNEU (0/20 PSIG) CONFIG 2 | 522-03-P2C-2 | 1 | \$2,983.00 | 38\% | \$1,849.46 |
| 522-03-P2C-3 | ULTraflo | 3W 3 2POS SR, LOW PRESS PNEU (0/20 PSIG) CONFIG 3 | 522-03-P2C-3 | 1 | \$2,983.00 | 38\% | \$1,849.46 |
| 522-03-P2C-4 | Ultraflo | 3W 3 2POS SR, LOW PRESS PNEU (0/20 PSIG) CONFIG 4 | 522-03-P2C-4 | 1 | \$2,983.00 | 38\% | \$1,849.46 |
| 522-03-P2C-5 | Ultraflo | 3 W 3 2POS SR, LOW PRESS PNEU (0/20 PSIG) CONFIG 5 | 522-03-P2C-5 | 1 | \$2,983.00 | 38\% | \$1,849.46 |
| 522-03-P2C-6 | ULTRAFLO | 3 W 3 2PPS SR, LOW PRESS PNEU (0/20 PSIG) CONFIG 6 | 522-03-P2C-6 | 1 | \$2,983.00 | 38\% | \$1,849.46 |
| 522-03-P20-0 | Ultraflo | 2W 3 2POS SRO LOW PR PNEU (0/20 PSIG) CONFIG 0 | 522-03-P20-0 | 1 | \$1,365.00 | 38\% | \$846.30 |
| 522-03-PMC-0 | ultraflo | 2 W 3 MOD 3 -15 PSIG SRC LOW PR PNEU CONFIG 0 | 522-03-PMC-0 | 1 | \$1,880.00 | 38\% | \$1,165.60 |
| 522-03-PMC-1 | ULTRAFLO | 3W 3 MOD 3-15 PSIG SR, LOW PRESS PNEU CONFIG 1 | 522-03-PMC-1 | 1 | \$3,442.00 | 38\% | \$2,134.04 |
| 522-03-PMC-2 | Ultraflo | 3W 3 MOD 3-15 PSIG SR, LOW PRESS PNEU CONFIG 2 | 522-03-PMC-2 | 1 | \$3,933.00 | 38\% | \$2,438.46 |
| 522-03-PMC-3 | ULTraflo | 3W 3 MOD 3-15 PSIG SR, LOW PRESS PNEU CONFIG 3 | 522-03-PMC-3 | 1 | \$3,933.00 | 38\% | \$2,438.46 |
| 522-03-PMC-4 | ultraflo | 3W 3 MOD 3-15 PSIG SR, LOW PRESS PNEU CONFIG 4 | 522-03-PMC-4 | 1 | \$3,933.00 | 38\% | \$2,438.46 |
| 522-03-PMC-5 | ULTRAFLO | 3W 3 MOD 3-15 PSIG SR, LOW PRESS PNEU CONFIG 5 | 522-03-PMC-5 | 1 | \$3,933.00 | 38\% | \$2,438.46 |
| 522-03-PMC-6 | ultraflo | 3W 3 MOD 3-15 PSIG SR, LOW PRESS PNEU CONFIG 6 | 522-03-PMC-6 | 1 | \$3,933.00 | 38\% | \$2,438.46 |
| 522-03-PMO-0 | ULTraflo | 2 W 3 MOD 3 -15 PSIG SRO LOW PR PNEU CONFIG 0 | 522-03-PMO-0 | 1 | \$1,880.00 | 38\% | \$1,165.60 |
| 522-03-xxx-0 | ULTRAFLO | 2 W 3 BUTTERFLY VALVE ONLY | $522-03-x x x-0$ | 1 | \$149.00 | 38\% | \$92.38 |
| 522-04-E2C-0 | ultraflo | 2 W 4 2POS SRC 120V, CONFIG 0 | $522-04-E 2 C-0$ | 1 | \$11,143.00 | 38\% | \$6,908.66 |
| 522-04-E2C-1 | ULTraflo | 3W 4 2POS SR 120V, CONFIG 1 | 522-04-E2C-1 | 1 | \$14,477.00 | 38\% | \$8,975.74 |
| 522-04-E2C-2 | Ultraflo | 3W 4 2POS SR 120V, CONFIG 2 | 522-04-E2C-2 | 1 | \$14,477.00 | 38\% | \$8,975.74 |
| 522-04-E2C-3 | ultraflo | 3W 4 2POS SR 120V, CONFIG 3 | 522-04-E2C-3 | 1 | \$14,477.00 | 38\% | \$8,975.74 |
| 522-04-E2C-4 | ultraflo | 3W 4 2POS SR 120V, CONFIG 4 | 522-04-E2C-4 | 1 | \$14,477.00 | 38\% | \$8,975.74 |
| 522-04-E2C-5 | Ultraflo | 3W 4 2POS SR 120V, CONFIG 5 | 522-04-E2C-5 | 1 | \$14,477.00 | 38\% | \$8,975.74 |
| 522-04-E2C-6 | ULTRAFLO | 3W 4 2POS SR 120V, CONFIG 6 | 522-04-E2C-6 | 1 | \$14,477.00 | 38\% | \$8,975.74 |
| 522-04-E20-0 | ULTraflo | 2W 4 2POS SRO 120V, CONFIG 0 | 522-04-E20-0 | 1 | \$12,791.00 | 38\% | \$7,930.42 |
| 522-04-E2X-0 | Ultraflo | 2W 4 2POS NSR 120V, CONFIG 0 | 522-04-E2X-0 | 1 | \$1,456.00 | 38\% | \$902.72 |
| 522-04-E2X-1 | Ultraflo | 3W 4 2POS NSR 120V, CONFIG 1 | 522-04-E2X-1 | 1 | \$2,871.00 | 38\% | \$1,780.02 |
| 522-04-E2X-2 | ULTRAFLO | $3 W 42$ POS NSR 120V, CONFIG 2 | 522-04-E22-2 | 1 | \$2,871.00 | 38\% | \$1,780.02 |
| 522-04-E2X-3 | Ultraflo | 3W 4 2POS NSR 120V, CONFIG 3 | 522-04-E2X-3 | 1 | \$2,871.00 | 38\% | \$1,780.02 |
| 522-04-E2X-4 | ULTRAFLO | 3W 4 2POS NSR 120V, CONFIG 4 | 522-04-E2X-4 | 1 | \$2,871.00 | 38\% | \$1,780.02 |
| 522-04-E2X-5 | ULTRAFLO | 3W 4 2POS NSR 120V, CONFIG 5 | 522-04-E2X-5 |  | \$2,871.00 | 38\% | \$1,780.02 |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Installedl] Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
General Ductwork Piping, etc. shall not be obtained on these contracts
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not:
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not imited to
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting conference rooms, video video conferencing equipment, Theatre Screens $D$ Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' $\mathbf{l}$ location in the event of a fire or emergency.


The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted Installedl] Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance: and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs . wers, water fountains, water heaters hot water tanks, garbage disposal
General Ductwork, Piping, etc. shall not be obtained on these contracts
Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not:
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased rom these contracts for any other purposes, including, but not imited to
A. General Purpose IT, Telecommunications, Networking Cabing, Fiber Optics (e.g. phone, pbx, digital centrex, digital key systems, television, cable, T-Line, general broadband,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' $\mathbf{l}$ location in the event of a fire or emergency.


The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted Installedl Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain $p$ etc.) to communicate
platforms/systems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforement.

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs showers, water fountains, water heaters hot water tanks, garbage disposal
General Ductwork Piping, etc. shall not be obtained on these contracts
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not:
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens Displays, etc)

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' $\mathbf{l}$ location in the event of a fire or emergency.

|  |  | Sucl Desariplion |  | "Warranty Period - \# of year(s) after acceptance as required by Appendix B, Clause 54" | Lsi Price | Discoumt | NvsN |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 522-06-H2C-2 | ULTRAFLO | 3W 6 2POS SR HIGH PR PNEU (24 VAC) CONFIG 2 | 522-06-H2C-2 | 1 | \$5,771.00 | 38\% | \$3,578.02 |
| 522-06-H2C-3 | Ultraflo | $3 W 62$ 2POS SR HIGH PR PNEU ( 24 VAC ) CONFIG 3 | 522-06-H2C-3 | 1 | \$5,771.00 | 38\% | \$3,578.02 |
| 522-06-H2C-4 | ultraflo | $3 W 6$ 2POS SR HIGH PR PNEU (24 VAC) CONFIG 4 | 522-06-H2C-4 | 1 | \$5,771.00 | 38\% | \$3,578.02 |
| $522-06-$ H2C-5 | Ultraflo | $3 W 62$ 2POS SR HIGH PR PNEU ( 24 VAC ) CONFIG 5 | 522-06-H2C-5 | 1 | \$5,771.00 | 38\% | \$3,578.02 |
| $522-06-\mathrm{H2C-6}$ | ultraflo | 3W 6 2POS SR HIGH PR PNEU (24 VAC) CONFIG 6 | 522-06-H2C-6 | 1 | \$5,771.00 | 38\% | \$3,578.02 |
| 522-06-H20-0 | ULTRAFLO | 2 W 62 PSS SRO HIGH PR PNEU (24 VAC) CONFIG 0 | 522-06-H20-0 | 1 | \$1,858.00 | 38\% | \$1,151.96 |
| 522-06-H2X-0 | ultraflo | 2 W 62 POS NSR HIGH PR PNEU (24 vac) CONFIG 0 | 522-06-H2X-0 | 1 | \$1,346.00 | 38\% | \$834.52 |
| $522-06-\mathrm{H2X}$-1 | ultraflo | 3W 62 POS NSR HIGH PR PNEU (24 VAC) CONFIG 1 | 522-06-H2X-1 | , | \$3,301.00 | 38\% | \$2,046.62 |
| 522-06-H2X-2 | ultraflo | $3 W 62$ POS NSR HIGH PR PNEU (24 VAC) CONFIG 2 | 522-06-H2X-2 | 1 | \$3,302.00 | 38\% | \$2,047.24 |
| 522-06-H2X-3 | ultraflo | $3 W 62$ POS NSR HIGH PR PNEU (24 VAC) CONFIG 3 | 522-06-H2X-3 | 1 | \$3,303.00 | 38\% | \$2,047.86 |
| 522-06-H2X-4 | ultraflo | 3W 62 POS NSR HIGH PR PNEU (24 VAC) CONFIG 4 | 522-06-H2X-4 | 1 | \$3,304.00 | 38\% | \$2,048.48 |
| 522-06-H2X-5 | ultraflo | $3 W 62$ 2PS NSR HIGH PR PNEU (24 VAC) CONFIG 5 | 522-06-H2X-5 | 1 | \$3,305.00 | 38\% | \$2,049.10 |
| 522-06-H2X-6 | ULTRAFLO | 3W 62 POS NSR HIGH PR PNEU (24 VAC) CONFIG 6 | 522-06-H2X-6 | 1 | \$3,307.00 | 38\% | \$2,050.34 |
| $522-06-\mathrm{HMC}-0$ | ultraflo | 2 W 6 MOD 3-15 PSIG SRC HIGH PR PNEU CONFIG 0 | 522-06-HMC-0 | 1 | \$3,103.00 | 38\% | \$1,923.86 |
| $522-06-\mathrm{HMC}-1$ | ultraflo | 3W 6 MOD 3-15 PSIG SR HIGH PR PNEU CONFIG 1 | 522-06-HMC-1 | 1 | \$7,008.00 | 38\% | \$4,344.96 |
| $522-06-\mathrm{HMC}-2$ | ultraflo | 3 W 6 MOD 3 -15 PSIG SR HIGH PR PNEU CONFIG 2 | 522-06-HMC-2 | 1 | \$7,008.00 | 38\% | \$4,344.96 |
| $522-06-\mathrm{HMC}-3$ | ultraflo | 3 W 6 MOD 3 -15 PSIG SR HIGH PR PNEU CONFIG 3 | 522-06-HMC-3 | 1 | \$7,008.00 | 38\% | \$4,344.96 |
| $522-06-\mathrm{HMC}-4$ | Ultraflo | 3 W 6 MOD 3 -15 PSIG SR HIGH PR PNEU CONFIG 4 | 522-06-HMC-4 | 1 | \$7,008.00 | 38\% | \$4,344.96 |
| $522-06-\mathrm{HMC}-5$ | ultraflo | $3 W 6$ MOD 3-15 PSIG SR HIGH PR PNEU CONFIG 5 | 522-06-HMC-5 | 1 | \$7,008.00 | 38\% | \$4,344.96 |
| $522-06-\mathrm{HMC}-6$ | ultraflo | 3 W 6 MOD 3 -15 PIIG SR HIGH PR PNEU CONFIG 6 | $522-06$-HMC-6 | 1 | \$7,008.00 | 38\% | \$4,344.96 |
| $522-06-\mathrm{HMO}-0$ | Ultraflo | 2 W 6 MOD 3-15 PSIG SRO HIGH PR PNEU CONFIG 0 | 522-06-HMO-0 | 1 | \$3,100.00 | 38\% | \$1,922.00 |
| 522-06-HMX-0 | ultraflo | 2 W 6 MOD 3 -15 PSIG NSR HIGH PR PNEU CONFIG 0 | 522-06-HMX-0 | 1 | \$2,585.00 | 38\% | \$1,602.70 |
| 522-06-HMX-1 | ultraflo | $3 W 6$ MOD 3-15 PSIG NSR HIGH PR PNEU CONFIG 1 | 522-06-HMX-1 | 1 | \$4,541.00 | 38\% | \$2,815.42 |
| 522-06-HMX-2 | ultraflo | 3 6 6 MOD 3-15 PSIG NSR HIGH PR PNEU CONFIG 2 | 522-06-HMX-2 | 1 | \$4,541.00 | 38\% | \$2,815.42 |
| 522-06-HMX-3 | ultraflo | $3 W 6$ MOD 3-15 PSIG NSR HIGH Pr PNEU CONFIG 3 | 522-06-HMX-3 | 1 | \$4,541.00 | 38\% | \$2,815.42 |
| 522-06-HMX-4 | ultraflo | $3 W 6$ MOD 3-15 PSIG NSR HIGH PR PNEU CONFIG 4 | 522-06-HMX-4 | 1 | \$4,541.00 | 38\% | \$2,815.42 |
| $522-06-\mathrm{HMX}$-5 | ULTRAFLO | $3 W 6$ MOD 3-15 PSIG NSR HIGH PR PNEU CONFIG 5 | 522-06-HMX-5 | 1 | \$4,541.00 | 38\% | \$2,815.42 |
| $522-06-$ HMX-6 | ULTRAFLO | $3 W 6$ MOD 3-15 PSIG NSR HIGH PR PNEU CONFIG 6 | 522-06-MMX-6 | 1 | \$4,541.00 | 38\% | \$2,815.42 |
| 522-06-M2X-0 | ultraflo | 2 W 6 MANUAL LevEr Actuated config 0 | 522-06-M2X-0 | 1 | \$353.00 | 38\% | \$218.86 |
| $522-06-\mathrm{P2C-0}$ | ultraflo | 2W 6 2POS SRC LOW PR PNEU (0/20 PSIG) CONFIG 0 | 522-06-P2C-0 | 1 | \$3,429.00 | 38\% | \$2,125.98 |
| 522-06-P20-0 | ultraflo | 2 W 6 2POS SRO LOW PR PNEU (0/20 PSIG) CONFIG 0 | 522-06-P20-0 | 1 | \$3,462.00 | 38\% | \$2,146.44 |
| $522-06-\mathrm{PMC}-0$ | ultraflo | 2W 6 MOD 3-15 PSIG SRC LOW PR PNEU CONFIG 0 | 522-06-PMC-0 | 1 | \$4,384.00 | 38\% | \$2,718.08 |
| 522-06-PMO-0 | ultraflo | 2W 6 MOD 3-15 PSIG SRO LOW PR PNEU CONFIG 0 | 522-06-PMO-0 | 1 | \$4,384.00 | 38\% | \$2,718.08 |
| $522-06-x x X-0$ | ULTRAFLO | 2 W 6 BUTTERFLY VALVE ONLY | $522-06-\mathrm{XXX}$-0 | 1 | \$305.00 | 38\% | \$189.10 |
| $522-08-\mathrm{ELC-0}$ | ULTRAFLO | 2W 8 2POS SRC 120V, CONFIG 0 | 522-08-E2C-0 | 1 | \$19,968.00 | 38\% | \$12,380.16 |
| $522-08-E 2 \mathrm{C}-1$ | ultraflo | 3W 8 2POS SR 120V, CONFIG 1 | 522-08-E2C-1 | 1 | \$23,709.00 | 38\% | \$14,699.58 |
| $522-08-\mathrm{E} 2 \mathrm{C}-2$ | ultraflo | 3 W 8 2POS SR 120V, CONFIG 2 | 522-08-E2C-2 | 1 | \$23,709.00 | 38\% | \$14,699.58 |
| $522-08-\mathrm{ELC}-3$ | ultraflo | 3 W 8 2POS SR 120V, CONFIG 3 | 522-08-E2C-3 | 1 | \$23,709.00 | 38\% | \$14,699.58 |
| $522-08-\mathrm{E} 2 \mathrm{C}-4$ | Ultraflo | 3W 8 2POS SR 120V, CONFIG 4 | 522-08-E2C-4 | 1 | \$23,709.00 | 38\% | \$14,699.58 |
| $522-08-$ E2C-5 | ultraflo | 3W 8 2POS SR 120V, CONFIG 5 | 522-08-E2C-5 | 1 | \$23,709.00 | 38\% | \$14,699.58 |
| $522-08-$ E2C-6 | ultraflo | 3 W 8 2POS SR 120V, CONFIG 6 | $522-08$-E2C-6 | 1 | \$23,709.00 | 38\% | \$14,699.58 |
| 522-08-E20-0 | Ultraflo | 2W 82 2POS SRO 120V, CONFIG 0 | 522-08-E20-0 | 1 | \$19,968.00 | 38\% | \$12,380.16 |
| 522-08-E2X-0 | ultraflo | 2W 82 2POS NSR 120V, CONFIG 0 | 522-08-E2X-0 | 1 | \$2,518.00 | 38\% | \$1,561.16 |
| 522-08-E2X-1 | ultraflo | 3W 82 2POS NSR 120V, CONFIG 1 | 522-08-E2X-1 | 1 | \$3,778.00 | 38\% | \$2,342.36 |
| 522-08-E2X-2 | ultraflo | 3W 82 2POS NSR 120V, CONFIG 2 | 522-08-E2X-2 | 1 | \$3,778.00 | 38\% | \$2,342.36 |
| 522-08-E2X-3 | ultraflo | 3W 82 2POS NSR 120V, CONFIG 3 | 522-08-E2X-3 | 1 | \$3,742.00 | 38\% | \$2,320.04 |
| 522-08-E2X-4 | ultraflo | 3W 82 2POS NSR 120V, CoNFIG 4 | 522-08-E2X-4 | 1 | \$3,778.00 | 38\% | \$2,342.36 |
| $522-08-E 2 X-5$ | ULTraflo | 3 W 82 POS NSR 120V, CONFIG 5 | $522-08-E 22-5$ | 1 | \$3,778.00 | 38\% | \$2,342.36 |
| 522-08-E2X-6 | ULTRAFLO | 3W 82 2POS NSR 120V, CONFIG 6 | 522-08-E2X-6 | 1 | \$3,778.00 | 38\% | \$2,342.36 |
| $522-08$-EMC-0 | ultraflo | 2W 8 MOD SRC 120V CONFIG 0 | $522-08$-EMC-0 | 1 | \$20,503.00 | 38\% | \$12,711.86 |
| $522-08-$ EMC-1 | ultraflo | 3W 8 MOD SR 120V, CONFIG 1 | 522-08-EMC-1 | 1 | \$22,463.00 | 38\% | \$13,927.06 |
| $522-08-$ EMC-2 | ultraflo | 3 W 8 MOD SR 120V, CONFIG 2 | 522-08-EMC-2 | 1 | \$22,463.00 | 38\% | \$13,927.06 |
| $522-08$-EMC-3 | ultraflo | 3 W 8 MOD SR 120V, CONFIG 3 | 522-08-EMC-3 | 1 | \$22,463.00 | 38\% | \$13,927.06 |
| $522-08-$ EMC-4 | Ultraflo | 3 W 8 MOD SR 120V, CONFIG 4 | 522-08-EMC-4 | 1 | \$22,463.00 | 38\% | \$13,927.06 |
| 522-08-EMC-5 | ULTRAFLO | $3 W 8$ MOD SR 120V, CONFIG 5 | 522-08-EMC-5 | 1 | \$22,463.00 | 38\% | \$13,927.06 |
| 522-08-EMC-6 | ULTRAFLO | 3W 8 MOD SR 120V, CONFIG 6 | 522-08-EMC-6 | 1 | \$22,463.00 | 38\% | \$13,927.06 |
| $522-08$-EMO-0 | ultraflo | 2 W 8 MOD SRO 120 C CONFIG 0 | 522-08-EMO-0 | 1 | \$20,503.00 | 38\% | \$12,711.86 |
| 522-08-EMX-0 | ultraflo | 2W 8 MOD NSR 120V CONFIG 0 | 522-08-EMX-0 | 1 | \$3,357.00 | 38\% | \$2,081.34 |
| 522-08-EMX-1 | ultraflo | 3W 8 MOD NSR 120V CONFIG 1 | 522-08-EMX-1 | 1 | \$5,072.00 | 38\% | \$3,144.64 |
| 522-08-EMX-2 | ultraflo | 3 W 8 MOD NSR 120V CONFIG 2 | 522-08-EMX-2 | 1 | \$5,072.00 | 38\% | \$3,144.64 |
| 522-08-EMX-3 | ultraflo | 3W 8 MOD NSR 120V CONFIG 3 | 522-08-EMX-3 | 1 | \$4,987.00 | 38\% | \$3,091.94 |
| $522-08-\mathrm{EMX} \mathrm{-} 4$ | ultraflo | 3W 8 MOD NSR 120V CONFIG 4 | 522-08-EMX-4 | 1 | \$5,024.00 | 38\% | \$3,114.88 |
| 522-08-EMX-5 | ULTRAFLO | 3W 8 MOD NSR 120V CONFIG 5 | 522-08-EMX-5 | 1 | \$5,072.00 | 38\% | \$3,144.64 |
| 522-08-EMX-6 | ultraflo | 3W 8 MOD NSR 120V CONFIG 6 | 522-08-EMX-6 | 1 | \$5,072.00 | 38\% | \$3,144.64 |
| $522-08-\mathrm{H2C-0}$ | ultraflo | 2W 82 POS SRC HIGH PR PNEU (24 VAC) CONFIG 0 | 522-08-H2C-0 | 1 | \$2,261.00 | 38\% | \$1,401.82 |
| 522-08-H2C-1 | ultraflo | 3 W 82 POS SR HIGH PR PNEU (24 VAC) CONFIG 1 | 522-08-H2C-1 | 1 | \$6,497.00 | 38\% | \$4,028.14 |
| $522-08-\mathrm{H2C-2}$ | ultraflo | 3W 82 2POS SR HIGH PR PNEU ( 24 VAC ) CONFIG 2 | 522-08-H2C-2 | 1 | \$6,497.00 | 38\% | \$4,028.14 |
| 522-08-H2C-3 | ultraflo | 3 L 82 POS SR HIGH PR PNEU ( 24 VAC ) Config 3 | 522-08-H2C-3 | 1 | \$6,497.00 | 38\% | \$4,028.14 |
| 522-08-H2C-4 | ULTRAFLO | $3 W 82$ POS SR HIGH Pr PNEU ( 24 VAC ) CONFIG 4 | $522-08$ - H C-4 -4 | 1 | \$6,497.00 | 38\% | \$4,028.14 |
| 522-08-H2C-5 | Ultraflo | 3 l 82 2POS SR HIGH PR PNEU (24 VAC) CONFIG 5 | 522-08-H2C-5 | 1 | \$6,497.00 | 38\% | \$4,028.14 |
| $522-08-\mathrm{H2C-6}$ | ultraflo | $3 W 82$ 2POS SR HIGH PR PNEU (24 VAC) CONFIG 6 | 522-08-H2C-6 | 1 | \$6,497.00 | 38\% | \$4,028.14 |
| $522-08-\mathrm{H2O-0}$ | ultraflo | 2 L 82 POS SRO HIGH PR PNEU (24 VAC) CONFIG 0 | 522-08-H20-0 | 1 | \$2,261.00 | 38\% | \$1,401.82 |
| 522-08-H2X-0 | ultraflo | 2 L 82 POS NSR HIGH PR PNEU (24 VAC) CONFIG 0 | 522-08-H2X-0 | 1 | \$1,707.00 | 38\% | \$1,058.34 |
| $522-08-\mathrm{H2X}$ - 1 | ultraflo | 3 S 82 POS NSR HIGH PR PNEU (24 VAC) CONFIG 1 | 522-08-H2X-1 | 1 | \$4,738.00 | 38\% | \$2,937.56 |
| $522-08-\mathrm{HzX}$-2 | ultraflo | $3 W 82$ POS NSR HIGH PR PNEU (24 VAC) CONFIG 2 | 522-08-H2X-2 | 1 | \$4,738.00 | 38\% | \$2,937.56 |
| 522-08-H2X-3 | ultraflo | $3 W 82$ POS NSR HIGH PR PNEU ( 24 VAC ) CONFIG 3 | 522-08-H2X-3 | 1 | \$4,738.00 | 38\% | \$2,937.56 |
| 522-08-H2X-4 | ULTRAFLO | 3 8 8 2POS NSR HIGH PR PNEU (24 VAC) CONFIG 4 | 522-08-H2X-4 | 1 | \$4,738.00 | 38\% | \$2,937.56 |
| $522-08$-H2X-5 | ultraflo | 3 B 82 POS NSR HIGH PR PNEU (24 VAC) CONFIG 5 | 522-08-H2X-5 | 1 | \$4,738.00 | 38\% | \$2,937.56 |
| $522-08-\mathrm{HzX}-6$ | ULTRAFLO | 3 W 82 POS NSR HIGH PR PNEU ( 24 VAC) CONFIG 6 | $522-08$ - $\mathrm{H} 2 \mathrm{X}-6$ | 1 | \$4,738.00 | 38\% | \$2,937.56 |
| 522-08-HMC-0 | ultraflo | 2 W 8 MOD 3-15 PSIG SRC HIGH PR PNEU CONFIG 0 | 522-08-HMC-0 | 1 | \$3,506.00 | 38\% | \$2,173.72 |
| $522-08-\mathrm{HMC-}-1$ | ULTRAFLO | 3W 8 MOD 3-15 PSIG SR HIGH PR PNEU CONFIG 1 | $522-08$-HMC-1 | 1 | \$7,741.00 | 38\% | \$4,799.42 |
| 522-08-HMC-2 | Ultraflo | 3 W 8 MOD 3 -15 PSIG SR HIGH PR PNEU CONFIG 2 | 522-08-HMC-2 | 1 | \$7,741.00 | 38\% | \$4,799.42 |
| $522-08-\mathrm{HMC} \mathrm{C}$ | ultraflo | 3W 8 MOD 3-15 PSIG SR HIGH PR PNEU CONFIG 3 | $522-08$-HMC-3 | 1 | \$7,741.00 | 38\% | \$4,799.42 |
| $522-08-\mathrm{HMC}-4$ | ULTRAFLO | 3W 8 MOD 3-15 PSIG SR HIGH PR PNEU CONFIG 4 | 522-08-HMC-4 | 1 | \$7,741.00 | 38\% | \$4,799.42 |
| $522-08-\mathrm{HMC}-5$ | ultraflo | 3W 8 MOD 3-15 PSIG SR HIGH PR PNEU CONFIG 5 | 522-08-HMC-5 | 1 | \$7,741.00 | 38\% | \$4,799.42 |
| $522-08-\mathrm{HMC} C-6$ | ULTRAFLO | 3 W 8 MOD 3 -15 PSIG SR HIGH PR PNEU CONFIG 6 | $522-08$-HMC-6 | 1 | \$7,741.00 | 38\% | \$4,799.42 |
| 522-08-HMO-0 | ultraflo | 2 W 8 MOD 3-15 PSIG SRO HIGH PR PNEU CONFIG 0 | 522-08-HMO-0 | 1 | \$3,506.00 | 38\% | \$2,173.72 |
| $522-08-\mathrm{HMX}-0$ | ULTRAFLO | 2 26 8 MOD 3 -15 PSIG NSR HIGH PR PNEU CONFIG 0 | $522-08$-HMX-0 | 1 | \$2,947.00 | 38\% | \$1,827.14 |
| 522-08-HMX-1 | ultraflo | 3 W 8 MOD 3-15 PSIG NSR HIGH PR PNEU CONFIG 1 | 522-08-HMX-1 | 1 | \$5,978.00 | 38\% | \$3,706.36 |
| 522-08-HMX-2 | ULTRAFLO | $3 W 8$ MOD 3 -15 PSIG NSR HIGH PR PNEU CONFIG 2 | 522-08-HMX-2 | 1 | \$5,978.00 | 38\% | \$3,706.36 |
| 522-08-HMX-3 | ULTRAFLO | 3W 8 MOD 3-15 PSIG NSR HIGH PR PNEU CONFIG 3 | 522-08-HMX-3 | 1 | \$5,978.00 | 38\% | \$3,706.36 |
| 522-08-HMX-4 | ultraflo | 3 l 8 MOD 3 -15 PSIG NSR HIGH PR PNEU CONFIG 4 | 522-08-HMX-4 | 1 | \$5,978.00 | 38\% | \$3,706.36 |
| 522-08-HMX-5 | ultraflo | $3 W 8$ MOD 3-15 PSIG NSR HIGH PR PNEU CONFIG 5 | 522-08-HMX-5 | 1 | \$5,978.00 | 38\% | \$3,706.36 |
| $522-08$-HMX-6 | ultraflo | 3W 8 MOD 3-15 PSIG NSR HIGH PR PNEU CONFIG 6 | 522-08-HMX-6 | 1 | \$5,978.00 | 38\% | \$3,706.36 |
| $522-08-\mathrm{M} 2 \mathrm{X}-0$ | ULTRAFLO | 2W 8 MANUAL GEAR ACTUATED CONFIG 0 | $522-08$-M2X-0 | 1 | \$750.00 | 38\% | \$465.00 |
| 522-08-xxx-0 | ultraflo | 2 W 8 BUtTERFLY Valve only | 522-08-xxx-0 | 1 | \$544.00 | 38\% | \$337.28 |
| 522-10-E2X-0 | ULTRAFLO | 2W 10 2POS NSR 120V, CONFIG 0 | 522-10-E2X-0 | 1 | \$2,924.00 | 38\% | \$1,812.88 |
| 522-10-E2X-1 | ULTRAFLO | 3W 10 2POS NSR 120V, CONFIG 1 | 522-10-E2X-1 | 1 | \$5,513.00 | 38\% | \$3,418.06 |
| 522-10-E2X-2 | ultraflo | 3W 10 2POS NSR 120V, CONFIG 2 | 522-10-E2X-2 | 1 | \$5,513.00 | 38\% | \$3,418.06 |
| 522-10-E2X-3 | ultraflo | 3W 10 2POS NSR 120V, CONFIG 3 | 522-10-E2X-3 | 1 | \$5,513.00 | 38\% | \$3,418.06 |
| 522-10-E2X-4 | ultraflo | 3W 10 2POS NSR 120V, CONFIG 4 | 522-10-E2X-4 | 1 | \$5,513.00 | 38\% | \$3,418.06 |
| 522-10-E2X-5 | ULTRAFLO | 3 W 10 2POS NSR 120V, CONFIG 5 | 522-10-E22-5 | 1 | \$5,513.00 | 38\% | \$3,418.06 |
| 522-10-E2X-6 | Ultraflo | 3W 10 2POS NSR 120V, CONFIG 6 | 522-10-E2X-6 | 1 | \$5,513.00 | 38\% | \$3,418.06 |
| $522-10-E M X-0$ | ULTRAFLO | 2W 10 MOD NSR 120V CONFIG 0 | 522-10-EMX-0 | 1 | \$4,528.00 | 38\% | \$2,807.36 |
| 522-10-EMX-1 | Ultraflo | 3W 10 MOD NSR 120V CONFIG 1 | 522-10-EMX-1 | 1 | \$7,353.00 | 38\% | \$4,558.86 |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Installedl] Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (HAP), and/or other similar device, which utilize certa platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementiond insin systems interaion, or mainten of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs .
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/(controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms video video conferencing equipment, Theatre Screens Displays, etc)

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

|  |  |  |  | Varranty Period - \# of year(s) after |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | List Price | \% Disoumt | NYS Net Picte |
| 522-10-EMX-2 | ULTRAFLO | 3W 10 MOD NSR 120V CONFIG 2 | 522-10-EMX-2 | 1 | \$7,353.00 | 38\% | \$4,558.86 |
| 522-10-EMX-3 | ultraflo | 3W 10 MOD NSR 120V CONFIG 3 | 522-10-EmX-3 | 1 | \$7,353.00 | 38\% | \$4,558.86 |
| 522-10-EMX-4 | ultraflo | 3W 10 MOD NSR 120V CONFIG 4 | 522-10-EMX-4 | 1 | \$7,353.00 | 38\% | \$4,558.86 |
| 522-10-EMX-5 | ultraflo | 3W 10 MOD NSR 120V CONFIG 5 | 522-10-EMX-5 | 1 | \$7,353.00 | 38\% | \$4,558.86 |
| 522-10-EMX-6 | ultraflo | 3W 10 MOD NSR 120V CONFIG 6 | 522-10-EMX-6 | 1 | \$7,353.00 | 38\% | \$4,558.86 |
| 522-10-H2C-0 | ultraflo | 2W 102 2POS SRC HIGH PR PNEU (24 VAC) CONFIG 0 | 522-10-H2C-0 | 1 | \$2,958.00 | 38\% | \$1,833.96 |
| $522-10-\mathrm{H2C-1}$ | ultraflo | 3W 10 2POS SR HIGH PR PNEU (24 VAC) CONFIG 1 | 522-10-H2C-1 | 1 | \$18,742.00 | 38\% | \$11,620.04 |
| $522-10-\mathrm{H2C-2}$ | ultraflo | 3W 10 2POS SR HIGH PR PNEU (24 VAC) CONFIG 2 | 522-10-H2C-2 | 1 | \$18,742.00 | 38\% | \$11,620.04 |
| 522-10-H2C-3 | ultraflo | 3W 10 2POS SR HIGH PR PNEU (24 VAC) CONFIG 3 | 522-10-H2C-3 | 1 | \$18,742.00 | 38\% | \$11,620.04 |
| 522-10-H2C-4 | ultraflo | 3 W 10 2POS SR HIGH PR PNEU (24 VAC) CONFIG 4 | 522-10-H2C-4 | 1 | \$18,742.00 | 38\% | \$11,620.04 |
| 522-10-H2C-5 | ultraflo | 3W 10 2POS SR HIGH PR PNEU (24 VAC) CONFIG 5 | 522-10-H2C-5 | 1 | \$18,742.00 | 38\% | \$11,620.04 |
| 522-10-H2C-6 | ULTRAFLO | 3W 10 2POS SR HIGH PR PNEU (24 VAC) CONFIG 6 | 522-10-H2C-6 | 1 | \$18,742.00 | 38\% | \$11,620.04 |
| 522-10-H20-0 | ultraflo | 2W 102 POS SRO HIGH PR PNEU (24 VAC) CONFIG 0 | 522-10-H2O-0 | 1 | \$2,958.00 | 38\% | \$1,833.96 |
| 522-10-H2X-0 | ultraflo | 2W 102 2POS NSR HIGH PR PNEU (24 VAC) CONFIG 0 | 522-10-H2X-0 | 1 | \$2,496.00 | 38\% | \$1,547.52 |
| 522-10-H2X-1 | ultraflo | 3W 102 2POS NSR HIGH PR PNEU (24 VAC) CONFIG 1 | 522-10-H2X-1 | 1 | \$6,191.00 | 38\% | \$3,838.42 |
| 522-10-H2X-2 | ultraflo | 3W 102 2POS NSR HIGH PR PNEU (24 VAC) CONFIG 2 | 522-10-H2X-2 | 1 | \$6,191.00 | 38\% | \$3,838.42 |
| 522-10-H2X-3 | ultraflo | 3W 102 2POS NSR HIGH PR PNEU ( 24 VAC ) CONFIG 3 | 522-10-H2X-3 | 1 | \$6,191.00 | 38\% | \$3,838.42 |
| 522-10-H2X-4 | ultraflo | 3W 102 2POS NSR HIGH PR PNEU (24 VAC) CONFIG 4 | 522-10-H2X-4 | 1 | \$6,191.00 | 38\% | \$3,838.42 |
| 522-10-H2X-5 | ultraflo | 3W 102 2POS NSR HIGH PR PNEU (24 VAC) CONFIG 5 | 522-10-H2X-5 | 1 | \$6,191.00 | 38\% | \$3,838.42 |
| 522-10-H2X-6 | ultraflo | 3W 102 2POS NSR HIGH PR PNEU (24 VAC) CONFIG 6 | 522-10-H2X-6 | 1 | \$6,191.00 | 38\% | \$3,838.42 |
| $522-10-\mathrm{HMC}-0$ | ultraflo | 2W 10 MOD 3-15 PSIG SRC HIGH PR PNEU CONFIG 0 | 522-10-HMC-0 | 1 | \$4,038.00 | 38\% | \$2,503.56 |
| $522-10-\mathrm{HMC}-1$ | ultraflo | 3W 10 MOD 3-15 PSIG SR HIGH PR PNEU CONFIG 1 | 522-10-HMC-1 | 1 | \$19,982.00 | 38\% | \$12,388.84 |
| $522-10-\mathrm{HMC}-2$ | ultraflo | 3W 10 MOD 3-15 PSIG SR HIGH PR PNEU CONFIG 2 | 522-10-HMC-2 | 1 | \$19,982.00 | 38\% | \$12,388.84 |
| $522-10-\mathrm{HMC-3}$ | ultraflo | 3W 10 MOD 3-15 PSIG SR HIGH PR PNEU CONFIG 3 | 522-10-HMC-3 | 1 | \$19,982.00 | 38\% | \$12,388.84 |
| $522-10-\mathrm{HMC}-4$ | ultraflo | 3W 10 MOD 3-15 PSIG SR HIGH PR PNEU CONFIG 4 | 522-10-HMC-4 | 1 | \$19,982.00 | 38\% | \$12,388.84 |
| 522-10-HMC-5 | ultraflo | 3W 10 MOD 3-15 PSIG SR HIGH PR PNEU CONFIG 5 | 522-10-HMC-5 | 1 | \$19,982.00 | 38\% | \$12,388.84 |
| $522-10-\mathrm{HMC}-6$ | ULTTAFLO | 3W 10 MOD 3-15 PSIG SR HIGH PR PNEU CONFIG 6 | 522-10-HMC-6 | 1 | \$19,982.00 | 38\% | \$12,388.84 |
| $522-10-\mathrm{HMO}-0$ | ultraflo | 2W 10 MOD 3-15 PSIG SRO HIGH PR PNEU CONFIG 0 | 522-10-HMO-0 | 1 | \$4,038.00 | 38\% | \$2,503.56 |
| 522-10-HMX-0 | ultraflo | 2W 10 MOD 3-15 PSIG NSR HIGH PR PNEU CONFIG 0 | 522-10-HMX-0 | 1 | \$3,740.00 | 38\% | \$2,318.80 |
| 522-10-HMX-1 | ultraflo | 3W 10 MOD 3-15 PSIG NSR HIGH PR PNEU CONFIG 1 | 522-10-HMX-1 | 1 | \$7,435.00 | 38\% | \$4,609.70 |
| 522-10-HMX-2 | ultraflo | 3W 10 MOD 3-15 PSIG NSR HIGH PR PNEU CONFIG 2 | 522-10-HMX-2 | 1 | \$7,435.00 | 38\% | \$4,609.70 |
| 522-10-HMX-3 | ultraflo | 3W 10 MOD 3-15 PSIG NSR HIGH PR PNEU CONFIG 3 | 522-10-HMX-3 | 1 | \$7,435.00 | 38\% | \$4,609.70 |
| 522-10-HMX-4 | ultraflo | 3W 10 MOD 3-15 PSIG NSR HIGH PR PNEU CONFIG 4 | 522-10-HMX-4 | 1 | \$7,435.00 | 38\% | \$4,609.70 |
| 522-10-HMX-5 | ultraflo | 3W 10 MOD 3-15 PSIG NSR HIGH PR PNEU CONFIG 5 | 522-10-HMX-5 | 1 | \$7,435.00 | 38\% | \$4,609.70 |
| 522-10-HMX-6 | ultraflo | 3W 10 MOD 3-15 PSIG NSR HIGH PR PNEU CONFIG 6 | 522-10-HMX-6 | 1 | \$7,435.00 | 38\% | \$4,609.70 |
| 522-10-M2X-0 | ultraflo | 2W 10 MANUAL GEAR ACTUATED CONFIG 0 | 522-10-M2X-0 | 1 | \$900.00 | 38\% | \$558.00 |
| $522-10-\mathrm{xxx}-0$ | ultraflo | 2 W 10 BUTTERELY VALVE ONLY | 522-10-xxx-0 | 1 | \$762.00 | 38\% | \$472.44 |
| 522-12-E2X-0 | ultraflo | 2W 12 2POS NSR 120V, CONFIG 0 | 522-12-E2X-0 | 1 | \$4,018.00 | 38\% | \$2,491.16 |
| 522-12-E2X-1 | ultraflo | 3W 12 2POS NSR 120V, CONFIG 1 | 522-12-E2X-1 | 1 | \$7,746.00 | 38\% | \$4,802.52 |
| 522-12-E2X-2 | ultraflo | 3W 12 2POS NSR 120V, CONFIG 2 | 522-12-E2X-2 | 1 | \$7,746.00 | 38\% | \$4,802.52 |
| 522-12-E2X-3 | ULTTAFLO | 3W 12 2POS NSR 120V, CONFIG 3 | 522-12-E2X-3 | 1 | \$7,746.00 | 38\% | \$4,802.52 |
| 522-12-E2X-4 | ultraflo | 3W 12 2POS NSR 120V, CONFIG 4 | 522-12-E2X-4 | 1 | \$7,746.00 | 38\% | \$4,802.52 |
| 522-12-E2X-5 | ultraflo | 3W 12 2POS NSR 120V, CONFIG 5 | 522-12-E2X-5 | 1 | \$7,746.00 | 38\% | \$4,802.52 |
| 522-12-E2X-6 | ultraflo | 3W 12 2POS NSR 120V, CONFIG 6 | 522-12-E2X-6 | 1 | \$7,746.00 | 38\% | \$4,802.52 |
| 522-12-EMX-0 | ultraflo | 2W 12 MOD NSR 120V CONFIG 0 | 522-12-EMX-0 | 1 | \$5,476.00 | 38\% | \$3,395.12 |
| 522-12-EMX-1 | ultraflo | 3W 12 MOD NSR 120V CONFIG 1 | 522-12-EMX-1 | 1 | \$8,899.00 | 38\% | \$5,517.38 |
| 522-12-EMX-2 | ultraflo | 3W 12 MOD NSR 120V CONFIG 2 | 522-12-EMX-2 | 1 | \$8,750.00 | 38\% | \$5,425.00 |
| 522-12-EMX-3 | ultraflo | 3W 12 MOD NSR 120V CONFIG 3 | 522-12-EMX-3 | 1 | \$8,899.00 | 38\% | \$5,517.38 |
| 522-12-EMX-4 | ultraflo | 3W 12 MOD NSR 120V CONFIG 4 | 522-12-EMX-4 | 1 | \$8,899.00 | 38\% | \$5,517.38 |
| 522-12-EMX-5 | ultraflo | 3W 12 MOD NSR 120V CONFIG 5 | 522-12-EMX-5 | 1 | \$8,899.00 | 38\% | \$5,517.38 |
| 522-12-EMX-6 | ultraflo | 3W 12 MOD NSR 120V CONFIG 6 | 522-12-EMX-6 | 1 | \$8,899.00 | 38\% | \$5,517.38 |
| 522-12-H2C-0 | ultraflo | 2W 122 2POS SRC HIGH PR PNEU (24 VAC) CONFIG 0 | 522-12-H2C-0 | 1 | \$5,032.00 | 38\% | \$3,119.84 |
| 522-12-H2C-1 | ultraflo | 3W 12 2POS SR HIGH PR PNEU (24 VAC) CONFIG 1 | 522-12-H2C-1 | 1 | \$20,392.00 | 38\% | \$12,643.04 |
| 522-12-H2C-2 | ultraflo | 3 W 12 2POS SR HIGH PR PNEU (24 VAC) CONFIG 2 | 522-12-H2C-2 | 1 | \$20,392.00 | 38\% | \$12,643.04 |
| 522-12-H2C-3 | ultraflo | 3 W 12 2POS SR HIGH PR PNEU (24 VAC) CONFIG 3 | 522-12-H2C-3 | 1 | \$20,392.00 | 38\% | \$12,643.04 |
| 522-12-H2C-4 | ultraflo | 3 W 12 2POS SR HIGH PR PNEU (24 VAC) CONFIG 4 | 522-12-H2C-4 | 1 | \$20,392.00 | 38\% | \$12,643.04 |
| 522-12-H2C-5 | ultraflo | 3 L 12 2POS SR HIGH PR PNEU (24 VAC) CONFIG 5 | 522-12-H2C-5 | 1 | \$20,392.00 | 38\% | \$12,643.04 |
| 522-12-H2C-6 | ultraflo | 3W 12 2POS SR HIGH PR PNEU (24 VAC) CONFIG 6 | 522-12-H2C-6 | 1 | \$20,392.00 | 38\% | \$12,643.04 |
| 522-12-H2O-0 | ultraflo | 2W 122 2POS SRO HIGH PR PNEU (24 VAC) CONFIG 0 | 522-12-H20-0 | 1 | \$5,032.00 | 38\% | \$3,119.84 |
| 522-12-H2X-0 | ultraflo | 2W 122 2POS NSR HIGH PR PNEU (24 VAC) CONFIG 0 | 522-12-H2X-0 | 1 | \$2,987.00 | 38\% | \$1,851.94 |
| $522-12-\mathrm{HzX}$-1 | ultraflo | 3W 122 2POS NSR HIGH PR PNEU ( 24 VAC ) CONFIG 1 | 522-12-H2X-1 | 1 | \$9,516.00 | 38\% | \$5,899.92 |
| 522-12-H2X-2 | ULTTAFLO | 3 L 12 2POS NSR HIGH PR PNEU (24 VAC) CONFIG 2 | 522-12-H2X-2 | 1 | \$9,516.00 | 38\% | \$5,899.92 |
| 522-12-H2X-3 | ULTTAFLO | 3W 12 2POS NSR HIGH PR PNEU (24 VAC) CONFIG 3 | 522-12-H2X-3 | 1 | \$9,516.00 | 38\% | \$5,899.92 |
| 522-12-H2X-4 | ultraflo | 3W 122 2POS NSR HIGH PR PNEU (24 VAC) CONFIG 4 | 522-12-H2X-4 | 1 | \$9,516.00 | 38\% | \$5,899.92 |
| 522-12-H2X-5 | ultraflo | 3W 122 2POS NSR HIGH PR PNEU (24 VAC) CONFIG 5 | 522-12-H2X-5 | 1 | \$9,516.00 | 38\% | \$5,899.92 |
| 522-12-H2X-6 | ultraflo | 3 W 122 POS NSR HIGH PR PNEU (24 VAC) CONFIG 6 | 522-12-H2X-6 | 1 | \$9,516.00 | 38\% | \$5,899.92 |
| 522-12-HMC-0 | ultraflo | 2W 12 MOD 3 -15 PSIG SRC HIGH PR PNEU CONFIG 0 | 522-12-HMC-0 | 1 | \$6,272.00 | 38\% | \$3,888.64 |
| $522-12-\mathrm{HMC}-1$ | ultraflo | 3W 12 MOD 3-15 PSIG SR HIGH PR PNEU CONFIG 1 | 522-12-HMC-1 | 1 | \$21,632.00 | 38\% | \$13,411.84 |
| $522-12$-HMC-2 | ultraflo | 3 W 12 MOD 3-15 PSIG SR HIGH PR PNEU CONFIG 2 | 522-12-HMC-2 | 1 | \$21,632.00 | 38\% | \$13,411.84 |
| $522-12$-HMC-3 | ULTRAFLO | 3W 12 MOD 3-15 PSIG SR HIGH PR PNEU CONFIG 3 | 522-12-HMC-3 | 1 | \$21,632.00 | 38\% | \$13,411.84 |
| $522-12$-HMC-4 | ultraflo | 3W 12 MOD 3-15 PSIG SR HIGH PR PNEU CONFIG 4 | 522-12-HMC-4 | 1 | \$21,632.00 | 38\% | \$13,411.84 |
| 522-12-HMC-5 | ultraflo | 3W 12 MOD 3-15 PSIG SR HIGH PR PNEU CONFIG 5 | 522-12-HMC-5 | 1 | \$21,632.00 | 38\% | \$13,411.84 |
| 522-12-HMC-6 | ultraflo | 3W 12 MOD 3-15 PSIG SR HIGH PR PNEU CONFIG 6 | 522-12-HMC-6 | 1 | \$21,632.00 | 38\% | \$13,411.84 |
| 522-12-HMO-0 | ultraflo | 2W 12 MOD 3-15 PSIG SRO HIGH PR PNEU CONFIG 0 | 522-12-HMO-0 | 1 | \$6,272.00 | 38\% | \$3,888.64 |
| 522-12-HMX-0 | ultraflo | 2 W 12 MOD 3-15 PSIG SR HIGH PR PNEU CONFIG 0 | 522-12-HMX-0 | 1 | \$4,227.00 | 38\% | \$2,620.74 |
| 522-12-HMX-1 | ultafalo | 3W 12 MOD 3-15 PSIG NSR HIGH PR PNEU CONFIG 1 | 522-12-HMX-1 | 1 | \$10,756.00 | 38\% | \$6,668.72 |
| 522-12-HMX-2 | ultraflo | 3W 12 MOD 3-15 PSIG NSR HIGH PR PNEU CONFIG 2 | 522-12-HMX-2 | 1 | \$10,756.00 | 38\% | \$6,668.72 |
| 522-12-HMX-3 | ultraflo | 3W 12 MOD 3-15 PSIG NSR HIGH PR PNEU CONFIG 3 | 522-12-HMX-3 | 1 | \$10,756.00 | 38\% | \$6,668.72 |
| 522-12-HMX-4 | ultraflo | 3W 12 MOD 3-15 PSIG NSR HIGH PR PNEU CONFIG 4 | 522-12-HMX-4 | 1 | \$10,756.00 | 38\% | \$6,668.72 |
| 522-12-HMX-5 | ultraflo | 3W 12 MOD 3-15 PSIG NSR HIGH PR PNEU CONFIG 5 | 522-12-HMX-5 | 1 | \$10,756.00 | 38\% | \$6,668.72 |
| 522-12-HMX-6 | ultraflo | 3W 12 MOD 3-15 PSIG NSR HIGH PR PNEU CONFIG 6 | 522-12-HMX-6 | 1 | \$10,756.00 | 38\% | \$6,668.72 |
| 522-12-M2X-0 | ultraflo | 2W 12 MANUAL GEAR ACTUATED CONFIG 0 | 522-12-M2X-0 | 1 | \$1,258.00 | 38\% | \$779.96 |
| 522-12-xxx-0 | ultraflo | 2W 12 Buttercly valve only | 522-12-xxx-0 | 1 | \$1,096.00 | 38\% | \$679.52 |
| 522-14-E2X-1 | ultraflo | 3W 14 2POS NSR 120V, CONFIG 1 | 522-14-E2X-1 | 1 | \$11,062.00 | 38\% | \$6,858.44 |
| 522-14-E2X-2 | ultraflo | 3W 14 2POS NSR 120V, CONFIG 2 | 522-14-E2X-2 | 1 | \$11,062.00 | 38\% | \$6,858.44 |
| 522-14-E2X-3 | ultraflo | 3W 14 2POS NSR 120V, CONFIG 3 | 522-14-E2X-3 | 1 | \$11,062.00 | 38\% | \$6,858.44 |
| 522-14-E2X-4 | ultraflo | 3W 14 2POS NSR 120V, CONFIG 4 | 522-14-E2X-4 | 1 | \$11,062.00 | 38\% | \$6,858.44 |
| 522-14-E2X-5 | ultraflo | 3W 14 2POS NSR 120V, CONFIG 5 | 522-14-E2X-5 | 1 | \$11,062.00 | 38\% | \$6,858.44 |
| 522-14-E2X-6 | ultraflo | 3 W 14 2POS NSR 120V, CONFIG 6 | 522-14-E2X-6 | 1 | \$11,062.00 | 38\% | \$6,858.44 |
| 522-14-EMX-0 | ultraflo | 2W 14 MOD NSR 120V CONFIG 0 | 522-14-EMX-0 | 1 | \$7,824.00 | 38\% | \$4,850.88 |
| 522-14-EMX-1 | ULTRAFLO | 3W 14 MOD NSR 120V CONFIG 1 | 522-14-EMX-1 | 1 | \$14,096.00 | 38\% | \$8,739.52 |
| 522-14-EMX-2 | ultraflo | 3W 14 MOD NSR 120V CONFIG 2 | 522-14-EMX-2 | 1 | \$14,096.00 | 38\% | \$8,739.52 |
| 522-14-EMX-3 | ultraflo | 3W 14 MOD NSR 120V CONFIG 3 | 522-14-EMX-3 | 1 | \$14,096.00 | 38\% | \$8,739.52 |
| 522-14-EMX-4 | ultraflo | 3W 14 MOD NSR 120V CONFIG 4 | 522-14-EMX-4 | 1 | \$14,096.00 | 38\% | \$8,739.52 |
| 522-14-EMX-5 | ultraflo | 3W 14 MOD NSR 120V CONFIG 5 | 522-14-EMX-5 | 1 | \$14,096.00 | 38\% | \$8,739.52 |
| 522-14-EMX-6 | ultraflo | 3W 14 MOD NSR 120V CONFIG 6 | 522-14-EMX-6 | 1 | \$14,096.00 | 38\% | \$8,739.52 |
| 522-14-H2C-0 | ultafalo | 2W 142 PPOS SRC HIGH PR PNEU (24 VAC) CONFIG 0 | 522-14-H2C-0 | 1 | \$16,170.00 | 38\% | \$10,025.40 |
| 522-14-H2C-1 | ultaaflo | 3 l 14 2POS SR HIGH PR PNEU (24 VAC) CONFIG 1 | 522-14-H2C-1 | 1 | \$23,483.00 | 38\% | \$14,559.46 |
| 522-14-H2C-2 | ultraflo | 3 W 14 2POS SR HIGH PR PNEU (24 VAC) CONFIG 2 | 522-14-H2C-2 | 1 | \$23,483.00 | 38\% | \$14,559.46 |
| $522-14-\mathrm{H2C-3}$ | ULTRAFLO | 3 W 14 2POS SR HIGH PR PNEU (24 VAC) CONFIG 3 | 522-14-H2C-3 | 1 | \$23,483.00 | 38\% | \$14,559.46 |
| 522-14-H2C-4 | ultraflo | 3 W 14 2POS SR HIGH PR PNEU (24 VAC) CONFIG 4 | 522-14-H2C-4 | 1 | \$23,483.00 | 38\% | \$14,559.46 |
| 522-14-H2C-5 | ultraflo | 3 W 14 2POS SR HIGH PR PNEU (24 VAC) CONFIG 5 | 522-14-H2C-5 | 1 | \$23,483.00 | 38\% | \$14,559.46 |
| 522-14-H2C-6 | ULTRAFLO | 3 L 142 2POS SR HIGH PR PNEU (24 VAC) CONFIG 6 | $522-14-\mathrm{H} 2 \mathrm{C}-6$ | 1 | \$23,483.00 | 38\% | \$14,559.46 |
| 522-14-H2O-0 | ultraflo | 2W 142 PPOS SRO HIGH PR PNEU (24 VAC) CONFIG 0 | 522-14-H2O-0 | 1 | \$16,170.00 | 38\% | \$10,025.40 |
| 522-14-H2X-0 | ULTRAFLO | 2W 142 2POS NSR HIGH PR PNEU (24 VAC) CONFIG 0 | 522-14-H2X-0 | 1 | \$4,981.00 | 38\% | \$3,088.22 |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted Installedl] Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain Hocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforemen

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, . Wers, water fountains, water heaters hot water tanks, garbage disposal
General Ductwork, Piping, etc. shall not be obtained on these contracts
Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not:
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not imited to
B. Audio-Video equipment or systems (e.g. smart boarks, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens $D$ Displays, etc.

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used.
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Installedl] Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FAPP), and/or other similar device, which utilize certain platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
of Integrated Microprocessor-Based HVAC Equipmen

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
General Ductwork Piping, etc. shall not be obtained on these contracts
Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not:
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not imited to
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens Displays, etc)

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

|  |  |  |  | $\begin{gathered} \text { "Warranty Period - \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54 \text { " } \end{gathered}$ | Lisp Pice | \% Discount | Nvs Net Pr |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 522-18-HMO-0 | ULTRAFLO | 2W 18 MOD 3-15 PSIG SRO HIGH PR PNEU CONFIG 0 | 522-18-HMO-0 | 1 | \$23,387.00 | 38\% | \$14,499.94 |
| 522-18-HMX-0 | ULTraflo | 2W 18 MOD 3-15 PSIG NSR HIGH PR PNEU CONFIG 0 | 522-18-HMX-0 | 1 | \$14,383.00 | 38\% | \$8,917.46 |
| 522-18-HMX-1 | ULTraflo | 3W 18 MOD SR HIGH PR PNEU (24 VAC) CONFIG 1 | 522-18-HMX-1 | 1 | \$27,600.00 | 38\% | \$17,112.00 |
| 522-18-HMX-2 | ultraflo | 3W 18 MOD SR HIGH PR PNEU (24 VAC) CONFIG 2 | 522-18-HMX-2 | 1 | \$27,600.00 | 38\% | \$17,112.00 |
| 522-18-HMX-3 | ultraflo | 3 W 18 MOD SR HIGH PR PNEU (24 VAC) CONFIG 3 | 522-18-HMX-3 | 1 | \$27,600.00 | 38\% | \$17,112.00 |
| 522-18-HMX-4 | ULTRAFLO | 3W 18 MOD SR HIGH PR PNEU (24 VAC) CONFIG 4 | 522-18-HMX-4 | 1 | \$27,600.00 | 38\% | \$17,112.00 |
| 522-18-HMX-5 | ULTraflo | 3W 18 MOD SR HIGH PR PNEU (24 VAC) CONFIG 5 | 522-18-HMX-5 | 1 | \$27,600.00 | 38\% | \$17,112.00 |
| 522-18-HMX-6 | ultraflo | 3W 18 MOD SR HIGH PR PNEU (24 VAC) CONFIG 6 | 522-18-HMX-6 | 1 | \$27,600.00 | 38\% | \$17,112.00 |
| 522-18-M2X-0 | ultraflo | 2W 18 MANUAL GEAR ACTUATED CONFIG 0 | 522-18-M2X-0 | 1 | \$5,568.00 | 38\% | \$3,452.16 |
| 522-18-XXX-0 | ultraflo | 2W 18 BUTTERELY VALVE ONLY | 522-18-xxx-0 | 1 | \$4,054.00 | 38\% | \$2,513.48 |
| 522-20-E2X-0 | ultraflo | 2W 20 2POS NSR 120V, CONFIG 0 | 522-20-E2X-0 | 1 | \$9,626.00 | 38\% | \$5,968.12 |
| 522-20-E2X-1 | ultraflo | 3W 20 2POS SR 120V, CONFIG 1 | 522-20-E2X-1 | 1 | \$28,332.00 | 38\% | \$17,565.84 |
| 522-20-E2X-2 | ultraflo | 3W 202 POS SR 120V, CONFIG 2 | 522-20-E2X-2 | 1 | \$28,332.00 | 38\% | \$17,565.84 |
| 522-20-E2X-3 | ultraflo | 3 W 202 POSS SR 120V, CONFIG 3 | 522-20-E2X-3 | 1 | \$28,332.00 | 38\% | \$17,565.84 |
| 522-20-E2X-4 | ultraflo | 3W 202 POS SR 120V, CONFIG 4 | 522-20-E2X-4 | 1 | \$28,332.00 | 38\% | \$17,565.84 |
| 522-20-E2X-5 | uttraflo | 3W 202 POS SR 120V, CONFIG 5 | 522-20-E2X-5 | 1 | \$28,332.00 | 38\% | \$17,565.84 |
| 522-20-E2X-6 | ultraflo | 3W 202 POS SR 120V, CONFIG 6 | 522-20-E2X-6 | 1 | \$28,332.00 | 38\% | \$17,56.84 |
| 522-20-EMX-0 | ULTraflo | 2 W 20 MOD NSR 120V CONFIG 0 | 522-20-EMX-0 | 1 | \$11,244.00 | 38\% | \$6,971.28 |
| 522-20-EMX-1 | ultraflo | 3W 20 MOD NSR 120V, CONFIG 1 | 522-20-EMX-1 | 1 | \$29,897.00 | 38\% | \$18,536.14 |
| 522-20-EMX-2 | ultraflo | 3W 20 MOD NSR 120V, CONFIG 2 | 522-20-EMX-2 | 1 | \$29,897.00 | 38\% | \$18,536.14 |
| 522-20-EMX-3 | ULTraflo | 3W 20 MOD NSR 120V, CONFIG 3 | 522-20-EMX-3 | 1 | \$29,897.00 | 38\% | \$18,536.14 |
| 522-20-EMX-4 | ultraflo | 3W 20 MOD NSR 120V, CONFIG 4 | 522-20-EMX-4 | 1 | \$29,897.00 | 38\% | \$18,536.14 |
| 522-20-EMX-5 | ultraflo | 3W 20 MOD NSR 120V, CONFIG 5 | 522-20-EMX-5 | 1 | \$29,897.00 | 38\% | \$18,536.14 |
| 522-20-EMX-6 | ultraflo | 3W 20 MOD NSR 120V, CONFIG 6 | 522-20-EMX-6 | 1 | \$29,897.00 | 38\% | \$18,536.14 |
| 522-20-H2C-0 | ULTraflo | 2 W 202 2POS SRC HIGH PR PNEU (24 VAC) CONFIG 0 | 522-20-H2C-0 | 1 | \$23,043.00 | 38\% | \$14,286.66 |
| 522-20-H20-0 | ultraflo | 2 W 202 2POS SRO HIGH PR PNEU ( 24 VAC ) CONFIG 0 | 522-20-H2O-0 | 1 | \$21,861.00 | 38\% | \$13,53.82 |
| 522-20-H2X-0 | ultraflo | 2 W 202 POS NSR HIGH PR PNEU (24 VAC) CONFIG 0 | 522-20-H2X-0 | 1 | \$16,405.00 | 38\% | \$10,17.10 |
| 522-20-H2X-1 | ULTraflo | 3W 20 2POS SR HIGH PR PNEU (24 VAC) CONFIG 1 | 522-20-H2X-1 | 1 | \$32,121.00 | 38\% | \$19,915.02 |
| 522-20-H2X-2 | ultraflo | 3W 20 2POS SR HIGH PR PNEU (24 VAC) CONFIG 2 | 522-20-H2X-2 | 1 | \$32,122.00 | 38\% | \$19,915.64 |
| 522-20-H2X-3 | ultraflo | 3W 20 2POS SR HIGH PR PNEU (24 VAC) CONFIG 3 | 522-20-H2X-3 | 1 | \$32,123.00 | 38\% | \$19,916.26 |
| 522-20-H2X-4 | uttraflo | $3 W 20$ 2POS SR HIGH PR PNEU (24 VAC) CONFIG 4 | 522-20-H2X-4 | 1 | \$32,124.00 | 38\% | \$19,916.88 |
| 522-20-H2X-5 | ultraflo | 3W 20 2POS SR HIGH PR PNEU (24 VAC) CONFIG 5 | 522-20-H2X-5 | 1 | \$32,126.00 | 38\% | \$19,918.12 |
| 522-20-H2X-6 | ultraflo | 3W 20 2POS SR HIGH PR PNEU (24 VAC) CONFIG 6 | 522-20-H2X-6 | 1 | \$32,127.00 | 38\% | \$19,918.74 |
| 522-20-HMC-0 | uttraflo | 2 W 20 MOD 3 -15 PSIG SRC HIGH PR PNEU CONFIG 0 | 522-20-HMC-0 | 1 | \$24,485.00 | 38\% | \$15,180.70 |
| 522-20-HMO-0 | ULTraflo | 2W 20 MOD 3-15 PSIG SRO HIGH PR PNEU CONFIG 0 | 522-20-HMO-0 | 1 | \$24,886.00 | 38\% | \$15,181.32 |
| 522-20-HMX-0 | ULTraflo | 2W 20 MOD 3-15 PSIG NSR HIGH PR PNEU CONFIG 0 | 522-20-HMX-0 | 1 | \$17,646.00 | 38\% | \$10,940.52 |
| 522-20-HMX-1 | ultraflo | 3W 20 MOD SR HIGH PR PNEU (24 VAC) CONFIG 1 | 522-20-HMX-1 | 1 | \$33,390.00 | 38\% | \$20,701.80 |
| 522-20-HMX-2 | ultraflo | 3 W 20 MOD SR HIGH PR PNEU (24 VAC) CONFIG 2 | 522-20-HMX-2 | 1 | \$33,391.00 | 38\% | \$20,702.42 |
| 522-20-HMX-3 | ultraflo | 3 W 20 MOD SR HIGH PR PNEU ( 24 VAC ) Config 3 | 522-20-HMX-3 | 1 | \$33,393.00 | 38\% | \$20,703.66 |
| 522-20-HMX-4 | ultraflo | 3 L 20 MOD SR HIGH PR PNEU (24 VAC) CONFIG 4 | 522-20-HMX-4 | 1 | \$33,394.00 | 38\% | \$20,704.28 |
| 522-20-HMX-5 | ultraflo | 3 L 20 MOD SR HIGH PR PNEU (24 VAC) CONFIG 5 | 522-20-HMX-5 | 1 | \$33,395.00 | 38\% | \$20,704.90 |
| 522-20-HMX-6 | ultraflo | 3W 20 MOD SR HIGH PR PNEU (24 VAC) CONFIG 6 | 522-20-HMX-6 | 1 | \$33,396.00 | 38\% | \$20,705.52 |
| 522-20-M2X-0 | ultraflo | 2 2 20 Manual gear actuated config 0 | 522-20-M2X-0 | 1 | \$6,509.00 | 38\% | \$4,035.58 |
| 522-20-xxx-0 | ultraflo | 2 W 20 BUTTERELY VALVE ONLY | 522-20-xxx-0 | 1 | \$5,062.00 | 38\% | \$3,138.44 |
| 522-25-E2C-0 | ultraflo | 2W 2.5 2POS SRC 120V, CONFIG 0 | 522-25-E2C-0 | 1 | \$9,592.00 | 38\% | \$5,947.04 |
| 522-25-22C-1 | ultraflo | 3 W 2.52 POS SR 120V, CONFIG 1 | 522-25-E2C-1 | 1 | \$10,116.00 | 38\% | \$6,271.92 |
| 522-25-22C-2 | ultraflo | 3 W 2.5 2POS SR 120V, CONFIG 2 | 522-25-E2C-2 | 1 | \$10,116.00 | 38\% | \$6,271.92 |
| 522-25-E2C-3 | ultraflo | 3 W 2.5 2POS SR 120V, CONFIG 3 | 522-25-E2C-3 | 1 | \$10,116.00 | 38\% | \$6,271.92 |
| 522-25-E2C-4 | ULTraflo | 3 W 2.5 2POS SR 120V, CONFIG 4 | 522-25-E2C-4 | 1 | \$10,116.00 | 38\% | \$6,271.92 |
| 522-25-E2C-5 | ultraflo | 3 W 2.5 2POS SR 120V, CONFIG 5 | 522-25-E2C-5 | 1 | \$10,116.00 | 38\% | \$6,271.92 |
| 522-25-E2C-6 | ultraflo | 3W 2.5 2POS SR 120V, CONFIG 6 | 522-25-E2C-6 | 1 | \$10,116.00 | 38\% | \$6,271.92 |
| 522-25-E20-0 | uttraflo | 2W 2.5 2POS SRO 120V, CONFIG 0 | 522-25-E20-0 | 1 | \$9,592.00 | 38\% | \$5,947.04 |
| 522-25-22X-0 | ultraflo | 2W 2.5 2POS NSR 120V, CONFIG 0 | 522-25-22X-0 | 1 | \$1,408.00 | 38\% | \$872.96 |
| 522-25-22X-1 | ultraflo | 3W 2.5 2POS NSR 120V, CONFIG 1 | 522-25-E2X-1 | 1 | \$1,933.00 | 38\% | \$1,198.46 |
| 522-25-22X-2 | ultraflo | 3W 2.5 2POS NSR 120V, CONFIG 2 | 522-25-E2X-2 | 1 | \$1,933.00 | 38\% | \$1,198.46 |
| 522-25-22x-3 | uttraflo | 3 W 2.5 2POS NSR 120V, CONFIG 3 | 522-25-E2X-3 | 1 | \$1,933.00 | 38\% | \$1,198.46 |
| 522-25-E2X-4 | ULTraflo | 3W 2.5 2POS NSR 120V, CONFIG 4 | 522-25-E2X-4 | 1 | \$1,933.00 | 38\% | \$1,198.46 |
| 522-25-22x-5 | ultraflo | 3W 2.5 2POS NSR 120V, CONFIG 5 | 522-25-22X-5 | 1 | \$1,933.00 | 38\% | \$1,198.46 |
| 522-25-22X-6 | ultraflo | 3 2.5 2POS NSR 120V, CONFIG 6 | 522-25-22X-6 | 1 | \$1,933.00 | 38\% | \$1,198.46 |
| 522-25-EMC-0 | ultraflo | 2W 2.5 MOD SRC 120 V Config 0 | 522-25-EMC-0 | 1 | \$10,305.00 | 38\% | \$6,389.10 |
| 522-25-EMC-1 | ultraflo | 3W 2.5 MOD SR 120V Conitig 1 | 522-25-EMC-1 | 1 | \$10,885.00 | 38\% | \$6,748.70 |
| 522-25-EMC-2 | ultraflo | 3 W 2.5 MOD SR 120V CoNFIG 2 | 522-25-EMC-2 | 1 | \$10,702.00 | 38\% | \$6,635.24 |
| 522-25-EMC-3 | ULTRAFLO | 3W 2.5 MOD SR 120V CONFIG 3 | 522-25-EMC-3 | 1 | \$10,885.00 | 38\% | \$6,748.70 |
| 522-25-EMC-4 | ULTraflo | 3W 2.5 MOD SR 120V CONFIG 4 | 522-25-EMC-4 | 1 | \$10,885.00 | 38\% | \$6,748.70 |
| 522-25-EMC-5 | ultraflo | 3 W 2.5 MOD SR 120V CONFIG 5 | 522-25-EMC-5 | 1 | \$10,885.00 | 38\% | \$6,748.70 |
| 522-25-EMC-6 | ultraflo | 3 W 2.5 MOD SR 120V CONFIG 6 | 522-25-EMC-6 | 1 | \$10,885.00 | 38\% | \$6,748.70 |
| 522-25-EMO-0 | uttraflo | 2 W 2.5 MOD SRO 120 V Config 0 | 522-25-EMO-0 | 1 | \$10,305.00 | 38\% | \$6,389.10 |
| 522-25-EMX-0 | ultraflo | 2 W 2.5 MOD NSR 120 V Config 0 | 522-25-EMX-0 | 1 | \$2,306.00 | 38\% | \$1,429.72 |
| 522-25-EMX-1 | ultraflo | 3 W 2.5 MOD NSR 120V CONFIG 1 | 522-25-EMX-1 | 1 | \$2,886.00 | 38\% | \$1,789.32 |
| 522-25-EMX-2 | ULTRAFLO | 3W 2.5 MOD NSR 120V CONFIG 2 | 522-25-EMX-2 | 1 | \$2,886.00 | 38\% | \$1,789.32 |
| 522-25-EMX-3 | ultraflo | 3W 2.5 MOD NSR 120V CONFIG 3 | 522-25-EMX-3 | 1 | \$2,886.00 | 38\% | \$1,789.32 |
| 522-25-EMX-4 | ultraflo | 3W 2.5 MOD NSR 120V CONFIG 4 | 522-25-EMX-4 | 1 | \$2,886.00 | 38\% | \$1,789.32 |
| 522-25-EMX-5 | uttraflo | 3W 2.5 MOD NSR 120V CONFIG 5 | 522-25-EMX-5 | 1 | \$2,886.00 | 38\% | \$1,789.32 |
| 522-25-EMX-6 | ultraflo | 3 W 2.5 MOD NSR 120 V CONFIG 6 | 522-25-EMX-6 | 1 | \$2,886.00 | 38\% | \$1,789.32 |
| 522-25-H2C-0 | uttraflo | 2 W 2.5 2POS SRC, HIGH PR PNEU (24 VAC) CONFIG 0 | 522-25-H2C-0 | 1 | \$938.00 | 38\% | \$581.56 |
| 522-25-H2C-1 | uttraflo | 3 W 2.5 2POS SR, HIGH PRESS PNEU (24 VAC) CONFIG 1 | 522-25-H2C-1 | 1 | \$2,031.00 | 38\% | \$1,259.22 |
| 522-25-H2C-2 | ULTraflo | 3 W 2.5 2POS SR, HIGH PRESS PNEU (24 VAC) CONFIG 2 | 522-25-H2C-2 | 1 | \$2,031.00 | 38\% | \$1,259.22 |
| 522-25-H2C-3 | ultraflo | 3 W 2.5 2POS SR, HIGH PRESS PNEU (24 VAC) CONFIG 3 | 522-25-H2C-3 | 1 | \$2,031.00 | 38\% | \$1,259.22 |
| 522-25-H2C-4 | ultraflo | 3 W 2.5 2POS SR, HIGH PRESS PNEU (24 VAC) CONFIG 4 | 522-25-H2C-4 | 1 | \$2,031.00 | 38\% | \$1,259.22 |
| 522-25-H2C-5 | ultraflo | 3 W 2.5 2POS SR, HIGH PRESS PNEU (24 VAC) CONFIG 5 | 522-25-H2C-5 | 1 | \$2,031.00 | 38\% | \$1,259.22 |
| 522-25-H2C-6 | ultraflo | 3 W 2.5 2POS SR, HIGH PRESS PNEU (24 VAC) CONFIG 6 | 522-25-H2C-6 | 1 | \$2,031.00 | 38\% | \$1,259.22 |
| 522-25-H20-0 | ultraflo | 2 W 2.5 2POS SRO, HIGH PR PNEU ( 24 VAC ) CONFIG 0 | 522-25-H20-0 | 1 | \$938.00 | 38\% | \$581.56 |
| 522-25-H2X-0 | uttraflo | 2 W 2.5 2POS NSR HIGH PRESS PNEU (24 VAC) CONFIG 0 | 522-25-H2X-0 | 1 | \$717.00 | 38\% | \$444.54 |
| 522-25-H2X-1 | ULTraflo | 3W 2.5 2POS NSR HIGH PRESS PNEU (24 VAC) CONFIG 1 | 522-25-H2X-1 | 1 | \$1,834.00 | 38\% | \$1,137.08 |
| 522-25-H2X-2 | ULTrafLo | 3 W 2.5 2POS NSR HIGH PRESS PNEU (24 VAC) CONFIG 2 | 522-25-H2X-2 | 1 | \$1,834.00 | 38\% | \$1,137.08 |
| 522-25-H2X-3 | ultraflo | 3 W 2.5 2POS NSR HIGH PRESS PNEU (24 VAC) CONFIG 3 | 522-25-H2X-3 | 1 | \$1,834.00 | 38\% | \$1,137.08 |
| 522-25-H2X-4 | ultraflo | 3 W 2.5 2POS NSR HIGH PRESS PNEU ( 24 VAC ) CONFIG 4 | 522-25-H2X-4 | 1 | \$1,834.00 | 38\% | \$1,137.08 |
| 522-25-H2X-5 | uttraflo | 3 W 2.5 2POS NSR HIGH PRESS PNEU (24 VAC) CONFIG 5 | 522-25-H2X-5 | 1 | \$1,834.00 | 38\% | \$1,137.08 |
| 522-25-H2X-6 | ultraflo | 3 W 2.5 2POS NSR HIGH PRESS PNEU (24 VAC) CONFIG 6 | 522-25-H2X-6 | 1 | \$1,834.00 | 38\% | \$1,137.08 |
| 522-25-HMC-0 | uttraflo | 2W 2.5 MOD 3-15 PSIG SRC HIGH PR PNEU CONFIG 0 | 522-25-HMC-0 | 1 | \$2,182.00 | 38\% | \$1,352.84 |
| 522-25-HMC-1 | ULTRAFLO | 3W 2.5 MOD 3-15 PSIG SR, HIGH PRESS PNEU CONFIG 1 | 522-25-HMC-1 | 1 | \$3,277.00 | 38\% | \$2,031.74 |
| 522-25-HMC-2 | ULTraflo | 3W 2.5 MOD 3-15 PSIG SR, HIGH PRESS PNEU CONFIG 2 | 522-25-HMC-2 | 1 | \$3,277.00 | 38\% | \$2,031.74 |
| 522-25-HMC-3 | ultraflo | 3W 2.5 MOD 3 -15 PSIG SR, HIGH PRESS PNEU CONFIG 3 | 522-25-HMC-3 | 1 | \$3,277.00 | 38\% | \$2,031.74 |
| 522-25-HMC-4 | ultraflo | 3W 2.5 MOD 3 -15 PSIG SR, HIGH PRESS PNEU CONFIG 4 | 522-25-HMC-4 | 1 | \$3,277.00 | 38\% | \$2,031.74 |
| 522-25-HMC-5 | ultraflo | 3W 2.5 MOD 3 -15 PSIG SR, HIGH PRESS PNEU CONFIG 5 | 522-25-HMC-5 | 1 | \$3,277.00 | 38\% | \$2,031.74 |
| 522-25-HMC-6 | ultraflo | 3W 2.5 MOD 3 -15 PSIG SR, HIGH PRESS PNEU CONFIG 6 | 522-25-HMC-6 | 1 | \$3,277.00 | 38\% | \$2,031.74 |
| 522-25-HMO-0 | uttraflo | 2W 2.5 MOD 3-15 PSIG SRO HIGH PR PNEU CONFIG 0 | 522-25-HMO-0 | 1 | \$2,182.00 | 38\% | \$1,352.84 |
| 522-25-HMX-0 | ULTRAFLO | 2W 2.5 MOD 3-15 PSIG NSR HIGH PR PNEU CONFIG 0 | 522-25-HMX-0 | 1 | \$1,933.00 | 38\% | \$1,198.46 |
| 522-25-HMX-1 | ULTraflo | 3W 2.5 MOD 3-15 PSIG NSR HIGH PR PNEU CONFIG 1 | 522-25-HMX-1 | 1 | \$3,079.00 | 38\% | \$1,908.98 |
| 522-25-HMX-2 | ULTrafLo | 3 W 2.5 MOD 3-15 PSIG NSR HIGH PR PNEU CONFIG 2 | 522-25-HMX-2 | 1 | \$3,079.00 | 38\% | \$1,908.98 |
| 522-25-HMX-3 | ultraflo | 3W 2.5 MOD 3 -15 PSIG NSR HIGH PR PNEU CONFIG 3 | 522-25-HMX-3 | 1 | \$3,079.00 | 38\% | \$1,908.98 |
| 522-25-HMX-4 | ultraflo | 3W 2.5 MOD 3-15 PSIG NSR HIGH PR PNEU CONFIG 4 | 522-25-HMX-4 | 1 | \$3,079.00 | 38\% | \$1,908.98 |
| 522-25-HMX-5 | ultraflo | 3 W 2.5 MOD 3-15 PSIG NSR HIGH PR PNEU CONFIG 5 | 522-25-HMX-5 | 1 | \$3,079.00 | 38\% | \$1,908.98 |
| 522-25-HMX-6 | uttraflo | 3W 2.5 MOD 3-15 PSIG NSR HIGH PR PNEU CONFIG 6 | 522-25-HMX-6 | 1 | \$3,079.00 | 38\% | \$1,908.98 |
| 522-25-K2NX-0 | ULTRAFLO | 2W 2.5 2POS/TRISTATE NSR 24 V CONFIG 0 | 522-25-K2NX-0 | 1 | \$683.00 | 38\% | \$423.46 |

The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Nicroprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Inctled] Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (HAP), and/or other similar device, which utilize certain procols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned instalk systems.

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs . wers, water fountains, water heaters hot water tanks, garbage disposal
General Ductwork Piping, etc. shall not be obtained on these contracts
Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not:
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not imited to
A. Audio-Video ens ind

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' location in the event of a fire or emergency.

|  |  |  |  | Varranty Period - \# of year(s) after |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | List Price | Discount | NYS Nal Price |
| 522-25-K2NX-1 | ULTRAFLO | 3 W 2.5 2POS/TRISTATE NSR 24 V CONFIG 1 | 522-25-K2NX-1 | 1 | \$1,240.00 | 38\% | \$768.80 |
| 522-25-K2NX-2 | ultraflo | 3 W 2.5 2POS/TRISTATE NSR 24 V CONFIG 2 | 522-25-K2NX-2 | 1 | \$1,240.00 | 38\% | \$768.80 |
| 522-25-K2NX-3 | ultraflo | 3W 2.5 2POS/TRISTATE NSR 24 V CONFIG 3 | 522-25-K2NX-3 | 1 | \$1,240.00 | 38\% | \$768.80 |
| 522-25-K2NX-4 | ULtraflo | 3W 2.5 2POS/TRISTATE NSR 24 V CONFIG 4 | 522-25-K2NX-4 | 1 | \$1,240.00 | 38\% | \$768.80 |
| 522-25-K2NX-5 | ULTRAFLO | 3W 2.5 2POS/TRISTATE NSR 24 V CONFIG 5 | 522-25-K2NX-5 | 1 | \$1,240.00 | 38\% | \$768.80 |
| 522-25-K2NX-6 | ULTRAFLO | 3W 2.5 2POS/TRISTATE NSR 24 V CONFIG 6 | 522-25-K2NX-6 | 1 | \$1,240.00 | 38\% | \$768.80 |
| 522-25-K2SC-0 | ULTRAFLO | 2 W 2.5 2POS, SRC 24 VAC CONFIG 0 | 522-25-K2SC-0 | 1 | \$859.00 | 38\% | \$532.58 |
| 522-25-K2SC-1 | ULtraflo | 3W 2.5 2POS, SRC 24 VAC CONFIG 1 | 522-25-k2SC-1 | 1 | \$1,500.00 | 38\% | \$930.00 |
| 522-25-K25C-2 | ULtraflo | 3 W 2.5 2POS, SRC 24 VAC CONFIG 2 | 522-25-k2SC-2 | 1 | \$1,500.00 | 38\% | \$930.00 |
| 522-25-K25C-3 | ultraflo | 3W 2.5 2POS, SRC 24 VAC CONFIG 3 | 522-25-K2SC-3 | 1 | \$1,500.00 | 38\% | \$930.00 |
| 522-25-k2SC-4 | ULtraflo | 3W 2.5 2POS, SRC 24 VAC CONFIG 4 | 522-25-k2SC-4 | 1 | \$1,500.00 | 38\% | \$930.00 |
| 522-25-K2SC-5 | ULtraflo | 3W 2.5 2POS, SRC 24 VAC CONFIG 5 | 522-25-K2SC-5 | 1 | \$1,500.00 | 38\% | \$930.00 |
| 522-25-k25C-6 | ultraflo | 3W 2.5 2POS, SRC 24 VAC CONFIG 6 | 522-25-k2SC-6 | 1 | \$1,500.00 | 38\% | \$930.00 |
| 522-25-K250-0 | ultraflo | 2 W 2.5 2POS, SRO 24 VAC Conig 0 | 522-25-K250-0 | 1 | \$859.00 | 38\% | \$532.58 |
| 522-25-knNX-0 | ULtraflo | 2W 2.5 4-20 MA NSR 24 V CONFIG 0 | 522-25-KMNX-0 | 1 | \$782.00 | 38\% | \$484.84 |
| 522-25-KMNX-1 | ultraflo | 3W 2.5 4-20 MA NSR 24 V CONFIG 1 | 522-25-KMNX-1 | 1 | \$1,378.00 | 38\% | \$854.36 |
| 522-25-kMNX-2 | ultraflo | $3 \mathrm{~W} 2.54-20 \mathrm{MA}$ NSR 24 V CONFIG 2 | 522-25-KMNX-2 | 1 | \$1,378.00 | 38\% | \$854.36 |
| 522-25-KMNX-3 | Ultraflo | 3W 2.5 4-20 MA NSR 24V CONFIG 3 | 522-25-KMNX-3 | 1 | \$1,378.00 | 38\% | \$854.36 |
| 522-25-kMNX-4 | ULtraflo | 3W 2.5 4-20 MA NSR 24 V CONFIG 4 | 522-25-KMNX-4 | 1 | \$1,378.00 | 38\% | \$854.36 |
| 522-25-KMNX-5 | ultraflo | 3W 2.5 4-20 MA NSR 24 V CONFIG 5 | 522-25-KMNX-5 | 1 | \$1,378.00 | 38\% | \$854.36 |
| 522-25-KMNX-6 | Ultraflo | 3W 2.5 4-20 MA NSR 24V CONFIG 6 | 522-25-KMNX-6 | 1 | \$1,378.00 | 38\% | \$854.36 |
| 522-25-kMSC-0 | ULtraflo | 2 W 2.5 PROP, 2 -10VDC, 4-20MA, TRISTATE, SR | 522-25-KMSC-0 | 1 | \$859.00 | 38\% | \$532.58 |
| 522-25-KMSC-1 | ultraflo | 3 W 2.5 PROP, 2 -20VDC, 4-20MA, TRI, SR, CONF1 | 522-25-KMSC-1 | 1 | \$1,761.00 | 38\% | \$1,091.82 |
| 522-25-KMSC-2 | ultraflo | 3 W 2.5 PROP, 2 -10VDC, 4-20MA, TRI, SR, CONF2 | 522-25-KMSC-2 | 1 | \$1,761.00 | 38\% | \$1,091.82 |
| 522-25-KMSC-3 | ultraflo | 3 W 2.5 PROP, $2-10 \mathrm{VDC}, 4-20 \mathrm{MA}, \mathrm{TRI}, 5 \mathrm{SR}, \mathrm{CONF} 3$ | 522-25-KMSC-3 | 1 | \$1,761.00 | 38\% | \$1,091.82 |
| 522-25-KMSC-4 | ultraflo | 3 W 2.5 PROP, 2 2-10VDC, 4-20MA, TRI, SR, CONF4 | 522-25-KMSC-4 | 1 | \$1,761.00 | 38\% | \$1,091.82 |
| 522-25-KMSC-5 | ultraflo | $3 \mathrm{~W} 2.5 \mathrm{PROP}, 2-10 \mathrm{VDC}, 4-20 \mathrm{MA}$, TRI, SR, CONF5 | 522-25-KMSC-5 | 1 | \$1,761.00 | 38\% | \$1,091.82 |
| 522-25-KMSC-6 | ultraflo | 3 W 2.5 PROP, $2-10 \mathrm{VDC}, 4-20 \mathrm{MA}, \mathrm{TRI}, 5 \mathrm{SR}$, CONF6 | 522-25-KMSC-6 | 1 | \$1,761.00 | 38\% | \$1,091.82 |
| 522-25-kMSO-0 | ULtraflo | 2 W 2.5 PROP, $, 2-10 \mathrm{VDC}, 4-2 \mathrm{MA}$, TRISTATE, SR | 522-25-KMSO-0 | 1 | \$859.00 | 38\% | \$532.58 |
| 522-25-M2X-0 | ULtraflo | 2 W 2.5 manual lever actuated config 0 | 522-25-M2X-0 | 1 | \$178.00 | 38\% | \$110.36 |
| 522-25-P2C-0 | ultraflo | 2 W 2.5 2POS SRC LOW PR PNEU (0/20 PSIG) CONF 0 | 522-25-P2C-0 | 1 | \$1,317.00 | 38\% | \$816.54 |
| 522-25-P2C-1 | ultraflo | 3 W 2.5 2POS SR, LOW PRESS PNEU (0/20 PSIG) CONF 1 | 522-25-P2C-1 | 1 | \$2,531.00 | 38\% | \$1,569.22 |
| 522-25-P2C-2 | ULtraflo | 3 W 2.5 2POS SR, LOW PRESS PNEU (0/20 PSIG) CONF 2 | 522-25-P2C-2 | 1 | \$2,531.00 | 38\% | \$1,569.22 |
| 522-25-P2C-3 | ultraflo | 3 W 2.5 2POS SR, LOW PRESS PNEU (0/20 PSIG) CONF 3 | 522-25-P2C-3 | 1 | \$2,531.00 | 38\% | \$1,569.22 |
| 522-25-P2C-4 | ULTRAFLO | 3 W 2.5 2POS SR, LOW PRESS PNEU (0/20 PSIG) CONF 4 | 522-25-P2C-4 | 1 | \$2,531.00 | 38\% | \$1,569.22 |
| 522-25-P2C-5 | Ultraflo | 3 W 2.5 2POS SR, LOW PRESS PNEU (0/20 PSIG) CONF 5 | 522-25-P2C-5 | 1 | \$2,531.00 | 38\% | \$1,569.22 |
| 522-25-P2C-6 | ULtraflo | 3 W 2.5 2POS SR, LOW PRESS PNEU (0/20 PSIG) CONF 6 | 522-25-P2C-6 | 1 | \$2,531.00 | 38\% | \$1,569.22 |
| 522-25-P20-0 | ultraflo | 2 W 2.5 2POS SRO LOW PR PNEU (0/20 PSIG) CONF 0 | 522-25-P20-0 | 1 | \$1,317.00 | 38\% | \$816.54 |
| 522-25-PMC-0 | ULtraflo | 2W 2.5 MOD 3 -15 PSIG SRC LOW PR PNEU CONFIG 0 | 522-25-PMC-0 | 1 | \$1,828.00 | 38\% | \$1,133.36 |
| 522-25-PMC-1 | ULtraflo | 3W 2.5 MOD 3-15 PSIG SR, LOW PRESS PNEU CONFIG 1 | 522-25-PMC-1 | 1 | \$3,047.00 | 38\% | \$1,889.14 |
| 522-25-PMC-2 | ultraflo | 3W 2.5 MOD 3 -15 PSIG SR, LOW PRESS PNEU CONFIG 2 | 522--5-PMC-2 | 1 | \$3,047.00 | 38\% | \$1,889.14 |
| 522-25-PMC-3 | Ultraflo | 3W 2.5 MOD 3 -15 PSIG SR, LOW PRESS PNEU CONFIG 3 | 522-25-PMC-3 | 1 | \$3,047.00 | 38\% | \$1,889.14 |
| 522-25-PMC-4 | ULtraflo | 3W 2.5 MOD 3 -15 PSIG SR, LOW PRESS PNEU CONFIG 4 | 522-25-PMC-4 | 1 | \$3,047.00 | 38\% | \$1,889.14 |
| 522-25-PMC-5 | ultraflo | 3W 2.5 MOD 3 -15 PSIG SR, LOW PRESS PNEU CONFIG 5 | 522-25-PMC-5 | 1 | \$3,047.00 | 38\% | \$1,889.14 |
| 522-25-PMC-6 | ultraflo | 3W 2.5 MOD 3 -15 PSIG SR, LOW PRESS PNEU CONFIG 6 | 522-25-PMC-6 | 1 | \$3,047.00 | 38\% | \$1,889.14 |
| 522-25-PMO-0 | ultraflo | 2 W 2.5 MOD 3-15 PSIG SRO LOW PR PNEU CONFIG 0 | 522-25-PMO-0 | 1 | \$1,828.00 | 38\% | \$1,133.36 |
| 522-25-xxX-0 | ultraflo | 2 W 2.5 BUTTERFLY VaLve ONLY | 522-25-xxx-0 | 1 | \$133.00 | 38\% | \$82.46 |
| 10-531 | UNI-LINE INVENSYS CONTROLS-f | decorative wall adapter plate | 10-531 | 1 | \$31.00 | 38\% | \$19.22 |
| SC1812450 | UNITY MANUFACTURING | 18X12X4 S.C. W/8 STAND-OFFS | 181245C-50 | 1 | \$131.00 | 38\% | \$81.22 |
| 15778HM | Vaisala inc. | REPLACEMENT HUMIDTTY SENSOR | 15778HM | 1 | \$215.37 | 38\% | \$133.53 |
| HMD60T | vaisala inc. | humid/temp transmitter | HMD60T | 1 | \$966.00 | 38\% | \$598.92 |
| HMD60U | vaisala inc. | VAISALA DUCT Humidity sensor | HMD60U | 1 | \$846.00 | 38\% | \$524.52 |
| HMD60UO | vaisala inc. | humid transmitter | hmbgouo | 1 | \$1,508.00 | 38\% | \$934.96 |
| HMD60Y | vaisala inc. | TEMP/HUMID. DUCT XMITTER 2-WIR | HMD60Y | 1 | \$1,299.00 | 38\% | \$805.38 |
| HMD60YO | vaisala inc. | OSA RH/TEMP TRANSMITTER | HMD60YO | 1 | \$1,944.00 | 38\% | \$1,205.28 |
| HMD70U | vaisala inc. | dUCT/OSA HUMIDTTY TRANS 0 -5V | HMD70 | 1 | \$929.00 | 38\% | \$575.98 |
| HMD70Y | VaISALA Inc. | DUCT RH \& TEMP XMITTR 3-WIRE | HMD70Y | 1 | \$1,311.00 | 38\% | \$812.82 |
| HMK41K | Vaisala inc. | CAL.METR/PROBE/CBL FR HM60/70 | HMIT14SET + $191162 Z$ | 1 | \$3,180.69 | 38\% | \$1,972.03 |
| HMW82 | vaisala inc. | 3\% WaLL Mnt humid xmitter, 4-20 MA | HMW82 | 1 | \$307.00 | 38\% | \$190.34 |
| HMW83 | vaisala inc. | $3 \%$ WALL MNT HUMID XMITTER 0-10 VDC | HMW83 | 1 | \$307.00 | 38\% | \$190.34 |
| HMW92 | vaisala inc. | 1.7\% RH \& TEMPERATURE TRANSMITTER, 4-20 MA, | HMW92 | 1 | \$833.00 | 38\% | \$516.46 |
| HMW92D | vaisala inc. | 1.7\% RH \& TEMPERATURE TRANS, 4 -20 MA, W/DISPLAY | HMW92D | 1 | \$875.00 | 38\% | \$542.50 |
| HMw93 | vaisala inc. | $1.7 \%$ RH \& TEMPERATURE TRANS, $0-5 \mathrm{VDC}, 0-10 \mathrm{VDC}$ | HMW93 | 1 | \$875.00 | 38\% | \$542.50 |
| HMw93D | VaISALA Inc. | $1.7 \%$ RH \& TEMP TRANS, $0-5 \mathrm{VDC}, 0-10 \mathrm{VDC}, \mathrm{W} / \mathrm{DISPLAY}$ | HMW93D | 1 | \$875.00 | 38\% | \$542.50 |
| TMW82 | vaisala inc. | +/-0.5 DEGF WALL MNT TEMP SENSOR, 4-20 MA | TMW82 | 1 | \$225.00 | 38\% | \$139.50 |
| TMW83 | VaISALA Inc. | +/-0.5 DEGF WALL MNT TEMP SENSOR, 0-10 VDC | TMW83 | 1 | \$225.00 | 38\% | \$139.50 |
| Wмk-20 | vaisala inc. | OSA-MOUNTING IT | KELE Kit | 1 | \$38.00 | 38\% | \$23.56 |
| GMA2OT | vaisala inc. | analog temperature option for gmw21 | GMA2OT | 1 | \$153.93 | 38\% | \$95.44 |
| GMD20 | vaisala inc. | DUCT SENSOR, ANALOG OUTPUT | GMD20 | 1 | \$861.54 | 38\% | \$534.15 |
| GMD20D | vaisala inc. | duct sensor, Analog output, relay, display | GMD20D | 1 | \$981.20 | 38\% | \$608.34 |
| GML20 | vaisala inc. | LONWORKS MODULE WITH CO2 SIGNaL | GML20 | 1 | \$547.35 | 38\% | \$339.36 |
| GMR20 | vaisala inc. | RELAY OPtion for Gmw21 or gmdzo | GMR20 | 1 | \$161.00 | 38\% | \$99.82 |
| GMW115 | vaisala inc. | 2000 PPM CO2 TRANSMITTER | GMW1105C2AAAIAINOC | 1 | \$727.00 | 38\% | \$450.74 |
| GMW21 | vaisala inc. | WALL-MOUNT CO2 TRANSMITTER | GMW21 | 1 | \$789.74 | 38\% | \$489.64 |
| GMW21D | vaisala inc. | WALL SENSOR, Analog output, reLay, display | GMW21D | 1 | \$909.40 | 38\% | \$563.83 |
| НМ40аААВ | vaisala inc. | HUMIDITY/TEMP (F) INDICATOR | HM40AAAB | 1 | \$1,252.50 | 38\% | \$776.55 |
| PTF08A-K | Value line | RELAY SOCKET | PTF08A | 1 | \$5.59 | 38\% | \$3.47 |
| PTF11A-K | value line | reLay socket | PTF11A | 1 | \$8.89 | 38\% | \$5.51 |
| PTF14A-K | Value line | relay socket | PTF14A | 1 | \$9.59 | 38\% | \$5.95 |
| Le7230-1 | Value Plastics, inc. | 1/8 in barb elbow | LE7230-1 | 1 | \$1.91 | 38\% | \$1.18 |
| T220-1 | Value plastics, inc. | PLASTIC TEE | T220-1 | 1 | \$2.00 | 38\% | \$1.24 |
| AES-HT-A2 | VECTOR CONTROLS LTD | HUMIDTTY ELEMENT $\pm 2 \%$ FOR SDC-H1, (REPLACEABLE) | AES-HT-A2 | 1 | \$185.00 | 38\% | \$114.70 |
| AES-HT-A3 | VECTOR CONTROLS LTd | HUMIDITY ELEMENT $\pm 3 \%$ FOR SDC-H1, (REPLACEABLE) | AES-HT-A3 | 1 | \$143.00 | 38\% | \$88.66 |
| AES-HT-A5 | VECTOR CONTROLS LTD | REPLACEMENT HUMIDTTY ELEMENT 5\% ELEMENT | AES-HT-A5 | 1 | \$114.00 | 38\% | \$70.68 |
| AMC-1 | VECTOR CONTROLS LTD | CABLE GLAND FOR SDC-H1 | AMC-1 | 1 | \$1.75 | 38\% | \$1.09 |
| AMC-2 | VECTOR CONTROLS LTD | CONDUIT FITTING, 1/2 In NPT FOR SDC-H1 | AMC-2 | 1 | \$3.23 | 38\% | \$2.00 |
| S-TN10-2 | VECTOR CONTROLS LTD | RAW TEMP SENSOR W/6 CbLE, 10 KO TYPE II THERM | S-TN10-2 | 1 | \$19.79 | 38\% | \$12.27 |
| SD-TN10-12-2 | VECTOR CONTROLS LTD | 5 DUCT TEMP SENSOR W/6 CbLE, 10 K TYPE II THERM | SD-TN10-12-2 | 1 | \$27.00 | 38\% | \$16.74 |
| SD-TN10-20-2 | VECTOR CONTROLS LTD | 8 DUCT TEMP SENSOR W/6 CbLE, 10 K TYPE II THERM | SD-TN10-20-2 | 1 | \$33.00 | 38\% | \$20.46 |
| SDB-TN10-12-W | VECTOR CONTROLS LTD | 5 DUCT TEMP SENSR W/BOX/6 CBLE, 10 K TYPE II THRM | SDB-TN10-12-W | 1 | \$46.00 | 38\% | \$28.52 |
| SDB-TN10-20-w | VECTOR CONTROLS LTD | 8 DUCT TEMP SENSR W/BOX/6 CBLE, 10 K TTPE II THRM | SDB-TN10-20-w | 1 | \$50.00 | 38\% | \$31.00 |
| SOD-TN10 | VECTOR CONTROLS LTD | OUTDOOR TEMPERATURE SENSOR | SOD-TN10 | 1 | \$44.00 | 38\% | \$27.28 |
| TCY-BH-U-D-W20 | VECTOR CONTROLS LTD | 5\% WALL MNT HUMIDISTAT W/DISP, PROG TIME CLOCK | TCY-BH-U-D-W20 | 1 | \$233.00 | 38\% | \$144.46 |
| TCY-BH-U-D-W24 | VECTOR CONTROLS LTD | 5\% WALL MNT HUMIDISTAT W/DISP, FAN CTRL, PROG CLCK | TCY-BH-U-D-W24 | 1 | \$238.00 | 38\% | \$147.56 |
| TCY-BH-U-D-W25 | vector controls ltd | 5\% WALL MNT HUMIDISTAT W/DISP, FAN CTRL, PROG CLCK | TCY-BH-U-D-W25 | 1 | \$238.00 | 38\% | \$147.56 |
| TCY-BH-U-W20 | VECTOR CONTROLS LTD | $5 \%$ WALL MOUNT HUMIDISTAT, W/DISPLAY | TCY-BH-U-W20 | 1 | \$199.00 | 38\% | \$123.38 |
| TCY-BH-U-W24 | VECTOR CONTROLS LTD | 5\% WALL MOUNT HUMIDISTAT W/DISPLAY AND FAN CONTROL | TCY-BH-U-W24 | 1 | \$208.00 | 38\% | \$128.96 |
| TCY-BH-U-W25 | VECTOR CONTROLS LTD | 5\% WALL MOUNT HUMIDISTAT W/DISPLAY AND FAN CONTROL | TCY-BH-U-W25 | 1 | \$203.00 | 38\% | \$125.86 |
| TDC-BH-U-D-W20 | VECTOR CONTROLS LTD | 5\% DUCT MNT HUMIDISTAT W/DISP, PROG TIME CLOCK | TDC-BH-U-D-W20 | 1 | \$279.00 | 38\% | \$172.98 |
| TDC-BH-U-D-W24 | VECTOR CONTROLS LTD | 5\% DUCT MNT HUMIDISTAT W/DISP, FAN CTRL, PROG CLCK | TDC-BH-U-D-W24 | 1 | \$289.00 | 38\% | \$179.18 |
| TDC-BH-U-D-W25 | VECTOR CONTROLS LTD | 5\% DUCT MNT HUMIDISTAT W/DISP, FAN CTRL, PROG CLCK | TDC-BH-U-D-W25 | 1 | \$289.00 | 38\% | \$179.18 |
| TDC-BH-U-W20 | VECTOR CONTROLS LTD | 5\% DUCT MOUNT HUMIDISTAT, W/DISPLAY | TDC-BH-U-W20 | 1 | \$244.00 | 38\% | \$151.28 |
| TDC-BH-U-W24 | VECTOR CONTROLS LTD | 5\% DUCT MOUNT HUMIDIISTAT W/DISPLAY AND FAN CONTROL | TDC-EH-U-W24 | 1 | \$255.00 | 38\% | \$158.10 |
| TDC-BH-U-W25 | VECTOR CONTROLS LTD | 5\% DUCT MOUNT HUMIDISTAT W/DISPLAY AND FAN CONTROL | TDC-BH-U-W25 | 1 | \$246.00 | 38\% | \$152.52 |
| NFP-10-M-01-YYV1ZV-G-1 | VENTURE MEASUREMENT CO. Ll | 10 IN LINE 2 IN FLG 150LB GAS | NFP-10-M-01-Y1V12V-G-1 | 1 | \$9,505.00 | 38\% | \$5,893.10 |

The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Inctled], Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor ntrolled HAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel and andor other similar device, which utilize certain cocols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenance of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs . wers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber opice, wire, conduit, steet boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. General Purpose IT, Telecommunications, Networking Cabling, Fiber Optics (e.g. phone, pbx, digital centrex, digital key systems, television, cable, T-Line, general broadband,
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc.).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' $\mathbf{l}$ 'cation in the event of a fire or emergency.

| Model Member | cuter | Product Code | Warrant Period - * of year(s) fiter |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | s required by Clause $54^{\prime \prime}$ | List Pice | \% Discount | Nvs Nat Price |
| NFP-10-M-01-Y1V1ZV-L-1 | VENTURE MEASUREMENT CO. LL 10 IN LINE 2 IN FLG 150Lb LQuid | NFP-10-M-01-Y1112V-L-1 | 1 | \$9,505.00 | 38\% | \$5,893.10 |
| NFP-10-M-01-Y1V1ZV-S-1 | VENTURE MEASUREMENT CO. LL 10 IN LINE 2 In flg 150Lb STEAM | NFP-10-M-01-Y1v12V-S-1 | 1 | \$9,50.00 | 38\% | \$5,893.10 |
| NFP-10-M-02-Y1V1ZV-G-1 | VENTURE MEASUREMENT CO. LL 10 I IN LINE 2 IN FLG 300Lb GAS | NFP-10-M-02-Y1V1ZV-G-1 | 1 | \$9,982.50 | 38\% | \$6,189.15 |
| NFP-10-M-22-Y1V1ZV-L-1 | VENTURE MEASUREMENT CO. LL 10 IN LINE 2 In flg 300Lb LQuid | NFP-10-M-02-Y1V12V-L-1 | 1 | \$9,982.50 | 38\% | \$6,189.15 |
| NFP-10-M-02-Y1v1ZV-S-1 | venture measurement co. Ll 10 In Line 2 In flg 300Lb Steam | NFP-10-M-02-Y1v12V-S-1 | 1 | \$9,982.50 | 38\% | \$6,189.15 |
| NFP-10-P-01-YYV1ZV-G-1 | VENTURE MEASUREMENT CO. Ll 10 IN LINE 4 IN FLG 150LB GAS | NFP-10-P-01-Y1V1ZV-G-1 | 1 | \$10,025.00 | 38\% | \$6,215.50 |
| NFP-10-P-01-YYV1ZV-L-1 | VENTURE MEASUREMENT CO. LL 10 IN LINE 4 IN FLG 150Lb LQuid | NFP-10-P-01-Y1V1ZV-L-1 | 1 | \$10,025.00 | 38\% | \$6,215.50 |
| NFP-10-P-01-YYV1ZV-S-1 | venture measurement co. ll 10 in line 4 In flg 150Lb Steam | NFP-10-P-01-Y1V1ZV-S-1 | 1 | \$10,025.00 | 38\% | \$6,215.50 |
| NFP-10-P-02-Y1V1ZV-G-1 | VENTURE MEASUREMENT CO. Ll 10 IN LINE 4 IN FLG 300LB GAS | NFP-10-P-02-Y1V1ZV-G-1 | 1 | \$10,502.50 | 38\% | \$6,511.55 |
| NFP-10-P-02-Y1V1ZV-L-1 | VENTURE MEASUREMENT CO. LL 10 IN LINE 4 IN FLG 300Lb LQuid | NFP-10-P-02-Y1V1ZV-L-1 | 1 | \$10,502.50 | 38\% | \$6,511.55 |
| NFP-10-P-02-YY11ZV-S-1 | venture measurement co. Ll 10 IN LINE 4 In flg 300Lb Steam | NFP-10-P-02-Y1V1ZV-S-1 | 1 | \$10,502.50 | 38\% | \$6,511.55 |
| NFP-12-M-01-Y1V1ZV-G-1 | VENTURE MEASUREMENT CO. LL 12 In LINE 2 IN FLG 150LB GAS | NFP-12-M-01-Y1V1ZV-G-1 | 1 | \$9,50.00 | 38\% | \$5,893.10 |
| NFP-12-M-01-Y1V1ZV-L-1 | VENTURE MEASUREMENT CO. LL 12 In Line 2 In Flg 150Lb LQuid | NFP-12-M-01-Y1V12V-L-1 | 1 | \$9,505.00 | 38\% | \$5,893.10 |
| NFP-12-M-01-Y1V1ZV-S-1 | VENTURE MEASUREMENT CO. Ll 12 In Line 2 In flg 150Lb Steam | NFP-12-M-01-Y1V12V-S-1 | 1 | \$9,505.00 | 38\% | \$5,893.10 |
| NFP-12-M-22-Y1V1ZV-G-1 | VENTURE MEASUREMENT CO. LL 12 İ LINE 2 IN FLG 300LB GAS | NFP-12-M-22-Y1V1ZV-G-1 | 1 | \$9,982.50 | 38\% | \$6,189.15 |
| NFP-12-M-02-Y1V1ZV-L-1 | VENTURE MEASUREMENT CO. LL 12 I2 LN LINE 2 IN FLG 300Lb LQuid | NFP-12-M-02-Y1V17V-L-1 | 1 | \$9,982.50 | 38\% | \$6,189.15 |
| NFP-12-M-02-Y1V1ZV-S-1 | VENTURE MEASUREMENT CO. LL 12 IN LINE 2 In flg 300Lb STEAM | NFP-12-M-02-Y1v12V-S-1 | 1 | \$9,982.50 | 38\% | \$6,189.15 |
| NFP-12-P-01-YYV1ZV-G-1 | VENTURE MEASUREMENT CO. LL 12 IN LINE 4 IN FLG 150LB GAS | NFP-12-P-01-Y1V1ZV-G-1 | 1 | \$10,025.00 | 38\% | \$6,215.50 |
| NFP-12-P-01-YYV1ZV-L-1 | VENTURE MEASUREMENT CO. LL 12 In Line 4 IN FLG 150Lb LQQuid | NFP-12-P-01-Y1V1ZV-L-1 | 1 | \$10,025.00 | 38\% | \$6,215.50 |
| NFP-12-P-01-Y1V1ZV-S-1 | venture measurement co. Ll 12 In Line 4 In flg 150Lb Steam | NFP-12-P-01-Y1V1ZV-S-1 | 1 | \$10,025.00 | 38\% | \$6,215.50 |
| NFP-12-P-02-Y1V1ZV-G-1 | VENTURE MEASUREMENT CO. LL 12 IN LINE 4 IN FLG 300LB GAS | NFP-12-P-02-Y1V1ZV-G-1 | 1 | \$10,502.50 | 38\% | \$6,511.55 |
| NFP-12-P-02-Y1V1ZV-L-1 | VENTURE MEASUREMENT CO. LL 12 In Line 4 IN FLG 300Lb LQuid | NFP-12-P-02-Y1V12V-L-1 | 1 | \$10,502.50 | 38\% | \$6,511.55 |
| NFP-12-P-02-Y1V1ZV-S-1 | VENTURE MEASUREMENT CO. LL 12 IN LINE 4 IN FLG 300Lb STEAM | NFP-12-P-02-Y1V17V-S-1 | 1 | \$10,502.50 | 38\% | \$6,511.55 |
| NFP-4-M-01-Y1V17V-S-1 | VENTURE MEASUREMENT CO. Ll( 4 IN LINE 2 IN FLG 150LB STEAM | NFP-4-M-01-Y1V1ZV-S-1 | 1 | \$9,505.00 | 38\% | \$5,893.10 |
| NFP-4-M-02-Y1V1ZV-G-1 | VENTURE MEASUREMENT CO. LL L 4 In LINE 2 IN FLG 300LB GAS | NFP-4M-02-Y111ZV-G-1 | 1 | \$9,982.50 | 38\% | \$6,189.15 |
| NFP-4-M-02-Y1V1ZV-L-1 | VENTURE MEASUREMENT CO. LL(4 4 IN LINE 2 IN FLG 300Lb Liquid | NFP-4-M-02-Y1V1ZV-L-1 | 1 | \$9,982.50 | 38\% | \$6,189.15 |
| NFP-4M-02-Y1V1ZV-S-1 | Venture measurement co. Ll/ 4 IN LINE 2 IN FLG 300Lb Steam | NFP-4-M-02-Y1V1ZV-S-1 | 1 | \$9,982.50 | 38\% | \$6,189.15 |
| NFP-4-4-01-Y1V1ZV-G-1 | VENTURE MEASUREMENT CO. Ll 4 In Line 4 IN FLG 150LB GAS | NFP-4-4-01-Y1v1ZV-G-1 | 1 | \$10,025.00 | 38\% | \$6,215.50 |
| NFP-4-P-01-YıV1ZVV-L-1 | VENTURE MEASUREMENT CO. LL(4 4 IN LINE 4 IN FLG 150Lb Liquid | NFP-4-P-01-YıV1ZVV-L-1 | 1 | \$10,025.00 | 38\% | \$6,215.50 |
| NFP-4-P-01-Y1V1ZV-S-1 | VENTURE MEASUREMENT CO. Ll/ 4 In LINe 4 In FLG 150Lb STEAM | NFP-4-P-01-Y1V1ZV-S-1 | 1 | \$10,025.00 | 38\% | \$6,215.50 |
| NFP-4-P-02-Y1V1ZV-G-1 | VENTURE MEASUREMENT CO. LL L 4 In LINE 4 IN FLG 300LB GAS | NFP-4-P-02-Y1V1ZV-G-1 | 1 | \$10,502.50 | 38\% | \$6,511.55 |
| NFP-4-P-02-Y1v1ZV-L-1 | VENTURE MEASUREMENT CO. LL(4 4 IN LINE 4 IN FLG 300Lb Liquid | NEP-4-4-02-YYV1Z1Z-L-1 | 1 | \$10,502.50 | 38\% | \$6,511.55 |
| NFP-4-P-02-Y1v1zV-S-1 | Venture measurement co. Ll/ 4 In Line 4 IN FLG 300Lb Steam | NFP-4-P-02-Y1v1zV-S-1 | 1 | \$10,502.50 | 38\% | \$6,511.55 |
| NFP--5-M-01-Y1V1ZVG-G-1 | venture measurement co. Ll 5 In Line 2 In flg 150lb Gas | NFP-5-M-01-Y1V1ZV-G-1 | 1 | \$9,505.00 | 38\% | \$5,893.10 |
| NFP-5-M-01-Y1V1ZV-L-1 | VENTURE MEASUREMENT CO. LL( 5 IN LINE 2 IN FLG 150LB LLQuid | NFP-5-M-01-Y1V1ZV-L-1 | 1 | \$9,505.00 | 38\% | \$5,893.10 |
| NFP-5-M-01-Y1V1ZV-S-1 | VENTURE MEASUREMENT CO. Ll 5 S In Line 2 IN FLG 150LB STEAM | NFP-5-M-01-Y1V1ZV-S-1 | 1 | \$9,505.00 | 38\% | \$5,893.10 |
| NFP-5-M-02-Y1V17V-G-1 | VENTURE MEASUREMENT CO. LL 5 IN LINE 2 IN FLG 300LB GAS | NFP-5-M-02-Y111ZV-G-1 | 1 | \$9,982.50 | 38\% | \$6,189.15 |
| NFP-5-M-02-Y111ZV-L-1 | VENTURE MEASUREMENT CO. LLC 5 In Line 2 IN FLG 300LB LiQuid | NFP-5-M-02-Y111ZV-L-1 | 1 | \$9,982.50 | 38\% | \$6,189.15 |
| NFP-5-M-02-Y1V1ZV-S-1 | Venture measurement co. Ll/ 5 In Line 2 IN FLG 300Lb Steam | NFP-5-M-02-Y1112V-S-1 | 1 | \$9,982.50 | 38\% | \$6,189.15 |
| NFP-5-P-01-Y1V1ZV-G-1 | venture measurement co. ll 5 In Line 4 In flg 150lb Gas | NFP-5-P-01-Y1V1ZV-G-1 | 1 | \$10,025.00 | 38\% | \$6,215.50 |
| NFP-5-P-01-Y1v1zV-L-1 | VENTURE MEASUREMENT CO. LL( 5 IN LINE 4 IN FLG 150LB LIQUid | NFP-5-P-01-YıV1ZVV-L-1 | 1 | \$10,025.00 | 38\% | \$6,215.50 |
| NFP-5-P-01-Y1V1zV-S-1 | Venture measurement co. Ll/ 5 In Line 4 IN FLG 150LB Steam | NFP-5-P-01-YıV1ZVV-S-1 | 1 | \$10,025.00 | 38\% | \$6,215.50 |
| NFP-5-P-02-Y1v1ZV-G-1 | VENTURE MEASUREMENT CO. Ll 5 IN LINE 4 IN FLG 300Lb GAS | NFP-5-P-02-YıV1ZV-G-1 | 1 | \$10,502.50 | 38\% | \$6,511.55 |
| NFP-5-P-02-Y1V1ZVL-1 | VENTURE MEASUREMENT CO. LLC 5 IN LINE 4 IN FLG 300LB LiQuid | NFP-5-P-02-Y1V1ZV-L-1 | 1 | \$10,502.50 | 38\% | \$6,511.55 |
| NFP-5-P-02-Y1V1ZV-S-1 | VENTURE MEASUREMENT CO. LLI 5 In LINe 4 IN FLG 300Lb Steam | NFP-5-P-02-Y1V1ZV-S-1 | 1 | \$10,502.50 | 38\% | \$6,511.55 |
| NFP-6-M-01-Y1V1ZV-G-1 | VENTURE MEASUREMENT CO. LL 6 In LINE 2 In FLG 150LB GAS | NFP-6-M-01-YY11ZV-G-1 | 1 | \$9,50.00 | 38\% | \$5,893.10 |
| NFP-6-M-01-YYV1ZV-L-1 | VENTURE MEASUREMENT CO. LL/ 6 IN LINE 2 In FLG 150LB LiQuid | NFP-6-M-01-Y1V1ZV-L-1 | 1 | \$9,505.00 | 38\% | \$5,893.10 |
| NFP-6-M-01-Y1V1ZV-S-1 | VENTURE MEASUREMENT CO. LL/ 6 In Line 2 In Flg 150LB STEAM | NFP-6-M-01-Y1V1ZV-S-1 | 1 | \$9,505.00 | 38\% | \$5,893.10 |
| NFP-6-M-02-Y1V1ZVG-G-1 | VENTURE MEASUREMENT CO. Ll 6 6 In LINE 2 In Flg 300LB GAS | NFP-6-M-02-Y1V1ZV-G-1 | 1 | \$9,982.50 | 38\% | \$6,189.15 |
| NFP-6-M-02-YYV1ZV-L-1 | VENTURE MEASUREMENT CO. LL/ 6 IN LINE 2 IN FLG 300LB LLQuid | NFP-6-M-02-Y1V1ZV-L-1 | 1 | \$9,982.50 | 38\% | \$6,189.15 |
| NFP-6-M-02-Y1V1ZV-S-1 | VENTURE MEASUREMENT CO. LL/ 6 IN LINE 2 IN FLG 300LB STEAM | NFP-6-M-02-Y111ZV-S-1 | 1 | \$9,982.50 | 38\% | \$6,189.15 |
| NFP-6-P-01-Y1V1ZV-G-1 | VENTURE MEASUREMENT CO. LL 6 IN LINE 4 IN FLG 150LB GAS | NFP-6-P-01-Y1V1ZV-G-1 | 1 | \$10,025.00 | 38\% | \$6,215.50 |
| NFP-6-P-01-Y1V1ZVV-L-1 | VENTURE MEASUREMENT CO. LLG 6 IN LINE 4 IN FLG 150LB LiQuid | NEP-6-P-01-Y1V1ZVV-L-1 | 1 | \$10,025.00 | 38\% | \$6,215.50 |
| NEP-6-P-01-Y1V1ZV-S-1 | VENTURE MEASUREMENT CO. LL/ 6 IN LINE 4 IN FLG 150LB STEAM | NEP-6-P-01-Y1V1ZV-S-1 | 1 | \$10,025.00 | 38\% | \$6,215.50 |
| NFP-6-P-02-Y1V1ZV-G-1 | venture measurement co. Ll 6 In LINE 4 IN Flg 300Lb Gas | NFP-6-P-02-Y1V1ZV-G-1 | 1 | \$10,502.50 | 38\% | \$6,511.55 |
| NEP-6-P-02-YıV1ZV-L-1 | VENTURE MEASUREMENT CO. LL/ 6 IN LINE 4 IN FLG 300LB LLQuid | NEP-6-P-02-YıV1ZV-L-1 | 1 | \$10,502.50 | 38\% | \$6,511.55 |
| NEP-6-P-02-Y1v1ZV-S-1 | VENTURE MEASUREMENT CO. LL 6 6 IN LINE 4 IN FLG 300LL STEAM | NEP-6-P-02-Y1v1zV-S-1 | 1 | \$10,502.50 | 38\% | \$6,511.55 |
| NFP-8-M-01-Y1V1ZV-G-1 | VENTURE MEASUREMENT CO. LL 8 IN LINE 2 IN FLG 150LB GAS | NFP-8-M-01-YY11ZV-G-1 | 1 | \$9,505.00 | 38\% | \$5,893.10 |
| NFP-8-M-01-Y1V1ZVVL- | VENTURE MEASUREMENT CO. LLC 8 In Line 2 IN FLG 150LB Liquid | NFP-8-M-01-Y1V1ZV-L-1 | 1 | \$9,505.00 | 38\% | \$5,893.10 |
| NFP-8-M-01-Y1V1ZV-S- 1 | VENTURE MEASUREMENT CO. LLC 8 In Line 2 IN FLG 150LB STEAM | NFP-8-M-01-Y1V1ZV-S-1 | 1 | \$9,505.00 | 38\% | \$5,893.10 |
| NFP-8-M-02-Y1V1ZV-G-1 | VENTURE MEASUREMENT CO. LL 8 IN LINE 2 In Flg 300Lb GAS | NFP-8-M-02-Y1V1ZV-G-1 | 1 | \$9,982.50 | 38\% | \$6,189.15 |
| NFP-8-M-02-Y1V1ZV-L-1 | VENTURE MEASUREMENT CO. LL 8 I IN LINE 2 IN FLG 300LB LIQUID | NFP-8-M-02-Y1V1ZV-L-1 | 1 | \$9,982.50 | 38\% | \$6,189.15 |
| NFP-8-M-02-Y1V1ZV-S-1 | VENTURE MEASUREMENT CO. LL 8 I IN LINE 2 IN FLG 300LB STEAM | NFP-8-M-02-Y1V1ZV-S-1 | 1 | \$9,982.50 | 38\% | \$6,189.15 |
| NFP-8-P-01-Y1V1ZV-G-1 | VENTURE MEASUREMENT CO. LL 8 IN LINE 4 IN Flg 150lb Gas | NFP-8-P-01-Y1v1ZV-G-1 | 1 | \$10,025.00 | 38\% | \$6,215.50 |
| NFP-8-P-01-Y1V1ZVV-L-1 | VENTURE MEASUREMENT CO. LLC 8 IN LINE 4 IN FLG 150LB LiQuid | NFP-8-P-01-Y1V1ZVV-L-1 | 1 | \$10,025.00 | 38\% | \$6,215.50 |
| NFP-8-P-01-Y1V1ZV-S-1 | VENTURE MEASUREMENT CO. LLC 8 IN LINE 4 IN FLG 150LB STEAM | NFP-8-P-01-Y1V1ZV-S-1 | 1 | \$10,025.00 | 38\% | \$6,215.50 |
| NFP-8-P-02-Y1V1ZV-G-1 | VENTURE MEASUREMENT CO. Ll 8 8 In LIN 4 IN FLG 300LB GAS | NFP-8-P-02-Y1V1ZV-G-1 | 1 | \$10,502.50 | 38\% | \$6,511.55 |
| NFP-8-P-02-Y1v1ZV-L-1 | VENTURE MEASUREMENT CO. LLC 8 IN LINE 4 IN FLG 300LB LIQUID | NFP-8-P-02-Y1v1ZV-L-1 | 1 | \$10,502.50 | 38\% | \$6,511.55 |
| NFP-8-P-02-Y1V1ZV-S-1 | VENTURE MEASUREMENT CO. LL 8 I IN LINE 4 IN FLG 300LB STEAM | NFP-8-P-02-Y1v1ZV-S-1 | 1 | \$10,502.50 | 38\% | \$6,511.55 |
| HWL3XSTA | VERIS INDUSTRIES $3 \%$ HUMIDITY TRANSMITTER ONLY | HwL3XSTA | 1 | \$473.00 | 38\% | \$293.26 |
| aE010 | veris industries nema 4 field enclosure | aE010 | 1 | \$220.31 | 38\% | \$136.59 |
| AE011 | VERIS Industries key and lock for aeoio enclosure | AE011 | 1 | \$110.15 | 38\% | \$68.29 |
| AH02 | VERIS INDUSTRIES FUSE PACK, SINGLE | AH02 | 1 | \$68.27 | 38\% | \$42.33 |
| аноз | VERIS INDUSTRIES FUSE PACK, DOUBLE | aн03 | 1 | \$135.39 | 38\% | \$83.94 |
| AH04 | VERIS INDUSTRIES FUSE PACK, TRIPLE | AH04 | 1 | \$203.31 | 38\% | \$126.05 |
| E50B1 | VERIS INDUSTRIES PWR MTR, PULSE OUTPUT, 90-600V | E50B1 | 1 | \$703.79 | 38\% | \$436.35 |
| E50C1 | VERIS INDUSTRIES PWR MTR, MODBUS KW \& KWH, 90-600V | E50C1 | 1 | \$75.87 | 38\% | \$470.50 |
| E50C2 | VERIS INDUSTRIES PWR MTR, MODBUS \& PULSE OUTPUT, 90-600V | E50C2 | 1 | \$789.47 | 38\% | \$489.47 |
| E50C3 | VERIS INDUSTRIES MODBUS \& PULSE OUTPUT, DATA LOGGING, 90-600V | E50C3 | 1 | \$942.47 | 38\% | \$584.33 |
| E50F5 | VERIS INDUSTRIES LON \& PULSE OUTPUT, DATA LOGGING, 90-600 | E50F5 | 1 | \$1,248.47 | 38\% | \$774.05 |
| E50H5 | VERIS Industries bacnet Mstp \& Pulse output, data loging, 90-600 | E50H5 | 1 | \$1,102.84 | 38\% | \$683.76 |
| E51C2 | VERSS Industries bi-directional Modbus \& PULSE OUTPUT, 90-600V | E51C2 | 1 | \$999.84 | 38\% | \$588.90 |
| E51C3 | VERIS Industries bi-directional modbus \& Pulse output, data logging | E51C3 | 1 | \$1,102.84 | 38\% | \$683.76 |
| H10F | VERIS Industries CT SW 3.5-100A, 1.0A , SPLT COR, AUTO CALIB | H10F | 1 | \$166.00 | 38\% | \$102.92 |
| H120 | VERIS INDUSTRIES RELAY, STATUS, FIELD MOUNT, No | H120 | 1 | \$96.00 | 38\% | \$59.52 |
| H221 | VERIS Industries CT XDCR HI ANALOG, $100-300$ A, SPLTT CORE | H221 | 1 | \$290.00 | 38\% | \$179.80 |
| H300 | VERIS Industries $\quad$ CT SW 0.15 A-60A FiXED TRIP POINT, SPLT CORE | H300 | 1 | \$63.87 | 38\% | \$39.60 |
| H308 | VERIS InDUSTRIES CT SW . $75-50 \mathrm{~A}, 1.0 \mathrm{~A}$ ADJ TRIP PT SPLT CR ST | H308 | 1 | \$131.39 | 38\% | \$81.46 |
| H321 | VERIS Industries CT XDCR Hi ANaLOG, 300-800 A, SPLT CORE | H321 | 1 | \$345.00 | 38\% | \$213.90 |
| H421 | VERIS Industries $\quad$ CT XDCR Hi Analog, 1000-2400 A, SPLT CORE | H421 | 1 | \$553.00 | 38\% | \$342.86 |
| H540 | VERIS Industries CT SENSOR. 25-15A, FIX TRIP PT, HOA, LED 24VAC/DC | H540 | 1 | \$11.00 | 38\% | \$68.82 |
| H600 | VERIS INDUSTRIES $\quad$ CT SW 0.15 -200A FIXED TRIP PT SPLT CR | H600 | 1 | \$56.37 | 38\% | \$34.95 |
| H606 | VERIS INDUSTRIES CT SW 1.25 A AdJ TRIP PT SPLT CR NC | H606 | 1 | \$132.00 | 38\% | \$81.84 |
| H608 | VERIS INDUSTRIES $\quad$ CT SW 1.25 A AdJ TRIP PT SPLT CR ST | H608 | 1 | \$110.63 | 38\% | \$68.59 |
| н609 | VERSS Industries CT SW 1.25-50A, 2 ZA ADJ TRIP PT, SPLT COR, HIV | н609 | 1 | \$150.00 | 38\% | \$93.00 |
| H6810-100-1V | VERIS Industries SPLT Core Current xducer; 100A:1.0VAC OUTPUT | H6810A-100A-1V | 1 | \$169.00 | 38\% | \$104.78 |
| H6810-100A-3V | VERIS InDUSTRIES CT $\quad$ XFRMR, 100/.3v, volt out, SPLT CORE | H6810-100A-3V | 1 | \$167.00 | 38\% | \$103.54 |
| H6810-200-1V | VERIS InDUSTRIES SPLT CORE CURRENT XDUCER; 200A:1.0VAC OUTPUT | H6810-200A-1V | 1 | \$169.00 | 38\% | \$104.78 |
| H6810-200A-3V | VERIS INDUSTRIES CT XFRMR 200/3 3 , VOLT OUT, SPLIT CORE | H6810-200A-3V | 1 | \$165.00 | 38\% | \$102.30 |
| H6810-200A-5A | VERIS Industries CT XfRMR SMALL, 200/5 A, CUR OUT, SPLIT CORE | H6810-200A-5A | 1 | \$170.00 | 38\% | \$105.40 |
| H6810-300-1V | VERIS INDUSTRIES SPLT CORE CURRENT XDUCER; 300A:1.OVAC OUTPUT | H6810-300A-1V | 1 | \$169.00 | 38\% | \$104.78 |
| H6810-300A-3V | VERIS INDUSTRIES CT XFRMR $300 / .3 \mathrm{~V}$, VOLT OUT, SPLIT CORE | H6810-300A-3V | 1 | \$162.00 | 38\% | \$100.44 |
| H6810-300A-5A | VERIS INDUSTRIES CT XFRMR SMALL, 300/5 A, CUR OUT, SPLT CORE | H6810-300A-5A | 1 | \$170.00 | 38\% | \$105.40 |
| H6811-400-1V | VERIS Industries SPLT Core Current Xduckr; 400A:1.OVAC OUTPUT | H6811-400A-1V | 1 | \$249.00 | 38\% | \$154.38 |
| H6811-400A-3V | VERIS Industries CT XFRMR 400/.3v, VoLt out, SPLT CORE | H6811-400A-3V | 1 | \$249.00 | 38\% | \$154.38 |

The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Ist Equipment. Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain cols (e.g. BACNet, LonTalk, Modbus, platforms/systems.
Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned instalation, systems.

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs, showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controte I/O modules, etc. which are not:
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

|  |  |  |  | larranty Period - \# of year(s) af |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | List Price | \% Discoumt | NYS Nal Pites |
| H6811-400A-5A | VERIS Industries | CT XFRMR MEDIUM, 400/5 A, CUR OUT, SPLTT CORE | H6811-400A-5A | 1 | \$248.00 | 38\% | \$153.76 |
| H6811-600-1V | VERIS Industries | SPLT CORE CURRENT XDUCER; 600A:1.0VAC OUTPUT | H6811-600A-1V | 1 | \$249.00 | 38\% | \$154.38 |
| H6811-600A-3V | VERIS Industries | SPLT CORE CURRENT XDUCER; 600A:O.3VAC OUTPUT | H6811-600A-3V | 1 | \$242.00 | 38\% | \$150.04 |
| H6811-600A-5A | VERIS Industries | CT XFRMR MEDIUM, 600/5 A, CUR OUT, SPLIT CORE | H6811-600A-5A | 1 | \$243.00 | 38\% | \$150.66 |
| H6811-800-1V | veris industries | SPLT CORE CURRENT XDUCER; 800A: 1.OVAC OUTPUT | H6811-800A-1V | 1 | \$249.00 | 38\% | \$154.38 |
| H6811-800A-3V | VERIS Industries | CT XFRMR 800. 3 V , VOLT OUT, SPLIT CORE | H6811-800A-3V | 1 | \$244.00 | 38\% | \$151.28 |
| H6811-800A-5A | VERIS Industries | CT XFRMR MEDIUM, 800/5 A, CUR OUT, SPLTT CORE | H6811-800A-5A | 1 | \$249.00 | 38\% | \$154.38 |
| H6812-1000-1V | VERIS industries | SPLTT CORE CURRENT XDUCER; 1000A: 1.OVAC OUTPUT | H6812-1000A-1V | 1 | \$271.00 | 38\% | \$168.02 |
| H6812-1000A-5A | VERIS Industries | CT XFRMR LARGE, 1000/5 A, CUR OUT, SPLTT CORE | H6812-1000A-5A | 1 | \$325.00 | 38\% | \$201.50 |
| H6812-1200-1V | VERIS Industries | SPLT CORE CURRENT XDUCER; 1200A:1.OVAC OUTPUT | H6812-1200A-1V | 1 | \$292.00 | 38\% | \$181.04 |
| H6812-1200A-3V | VERIS industries | CT XFRMR 1200/.3v, VLLT OUT, SPLIT CORE | H6812-1200A-3V | 1 | \$316.00 | 38\% | \$195.92 |
| H6812-1200A-5A | VERIS Industries | CT XFRMR LARGE, 1200/5 A, CUR OUT, SPLT CORE | H6812-1200A-5A | 1 | \$327.00 | 38\% | \$202.74 |
| H6812-1600-1V | VERIS industries | SPLT CORE CURRENT XDUCER; 1600A: 1.OVAC OUTPUT | H6812-1600A-1V | 1 | \$292.00 | 38\% | \$181.04 |
| H6812-1600A-3V | VERIS industries | CT XFRMR 1600/.3v, VoLt OUT, SPLIT CORE | H6812-1600A-3V | 1 | \$316.00 | 38\% | \$195.92 |
| H6812-1600A-5A | VERIS Industries | CT XFRMR, LARGE,1600/5 A, CUR OUT, SPLTT CORE | H6812-1600A-5A | 1 | \$313.00 | 38\% | \$194.06 |
| H6812-2000-1V | VERIS industries | SPLT CORE CURRENT XDUCER; 2000A: 1.OVAC OUTPUT | H6812-2000A-1V | 1 | \$292.00 | 38\% | \$181.04 |
| H6812-2000A-3V | VERIS Industries | CT XFRMR 2000/.3 V , VOLT OUT, SPLTT CORE | H6812-2000A-3V | 1 | \$327.00 | 38\% | \$202.74 |
| H6812-2000A-5A | VERIS Industries | CT XFRMR, LARGE, 2000/5 A, CUR OUT, SPLTT CORE | H6812-2000A-5A | 1 | \$325.00 | 38\% | \$201.50 |
| H6812-2400-1V | VERIS Industries | SPLT CORE CURRENT XDUCER; 2400A: 1.OVAC OUTPUT | H6812-2400A-1V | 1 | \$292.00 | 38\% | \$181.04 |
| H6812-2400A-3V | veris industries | CT XFRMR 2400/.3 V , VLLT OUT, SPLT CORE | H6812-2400A-3V | 1 | \$327.00 | 38\% | \$202.74 |
| H6812-2400A-5A | VERIS Industries | CT XFRMR LARGE, 2400/5 A, CUR OUT, SPLT CORE | H6812-2400A-5A | 1 | \$327.00 | 38\% | \$202.74 |
| H6812-800A-3V | VERIS Industries | CT XFRMR 800/. 3 V , VOLT OUT, SPLIT CORE | H6812-800A-3V | 1 | \$316.00 | 38\% | \$195.92 |
| H6812-800A-5A | veris industries | CT XFRMR LARGE, 800/5 A, CUR OUT, SPLTt CORE | H6812-800A-5A | 1 | \$327.00 | 38\% | \$202.74 |
| H701 | VERIS Industries | CT SW 1.0 A ADJ TRIP PT SLD CR ST | H701 | 1 | \$93.00 | 38\% | \$57.66 |
| H706 | VERIS Industries | CT SW 1-135A, 0.1A ADJ TRIP PT, SLD COR, NC | H706 | 1 | \$114.00 | 38\% | \$70.68 |
| H708 | veris industries | CT SW 1.0 A ADJ TRIP PT SLD CR ST | H708 | 1 | \$105.00 | 38\% | \$65.10 |
| н709 | veris industries | CT SW 1-1.35A, 2A ADJ TRIP PT, SLD COR, HI V | H709 | 1 | \$125.00 | 38\% | \$77.50 |
| H709HV | VERIS Industries | CT SW 1-1.35A, 2A ADJ TRIP PT, SPLT COR, HI V | H709HV | 1 | \$187.00 | 38\% | \$115.94 |
| H721HC | VERIS industries | CT XDCR ANALOG, 0 -50/100/200A, SOLID CORE | H721HC | 1 | \$142.00 | 38\% | \$88.04 |
| H721LC | VERIS Industries | CT XDCR ANALOG, 10/20/40A, SOLID CORE | H721LC | 1 | \$126.00 | 38\% | \$78.12 |
| н722HC | VERIS industries | CT XDCR HI DC, ANALOG, 0 -SV, 200 A, SOLID CORE | H722HC | 1 | \$107.00 | 38\% | \$66.34 |
| H722LC | VERIS industries | CT XDCR HI dC, ANALOG, $0-5 \mathrm{~V}, 40 \mathrm{~A}$, SOLID CORE | H722LC | 1 | \$102.00 | 38\% | \$63.24 |
| н723HC | VERIS Industries | CT XDCR HI DC, ANALOG, $0-10 \mathrm{~V}, 200 \mathrm{~A}$, SOLID CORE | H723HC | 1 | \$103.00 | 38\% | \$63.86 |
| H723LC | VERIS industries | CT XDCR Hi dc, Analog, $0-10 \mathrm{~V}, 40 \mathrm{~A}$, SOLID CORE | H723LC | 1 | \$102.00 | 38\% | \$63.24 |
| H730 | VERIS Industries | CT SW .5-200A, 1.0 No . 5 FIX SPST 24 V RLY SLD CR | H730 | 1 | \$77.06 | 38\% | \$47.78 |
| H735 | VERIS Industries | CT SW 1-135A, 1.0 NO 1A ADJ SPST 24 V RLY SLD CR | H735 | 1 | \$119.08 | 38\% | \$73.83 |
| H738 | VERIS Industries | CT SW 1.0 A ADJ TRIP PT SOLID CORE W/24V SPST RELAY | H738 | 1 | \$116.53 | 38\% | \$72.25 |
| H739 | veris industries | CT SW 1-135A NO 0.2A ADJ SLD CR 24V SPST RLY | н739 | 1 | \$180.00 | 38\% | \$111.60 |
| H740 | VERIS Industries | CT SW . 5 -200A, 1.0 NO .5 FIX SPDT 24 V RLY SLD CR | H740 | 1 | \$126.00 | 38\% | \$78.12 |
| H748 | VERIS Industries | CT SW 1-135A NO 1.0A ADJ SLD CR 24V SPDT RLY | H748 | 1 | \$161.00 | 38\% | \$99.82 |
| H749 | veris industries | CT SW 1-135A NO 0.2A ADJ SLD CR 24V SPDT RLY | H749 | 1 | \$187.00 | 38\% | \$115.94 |
| H750 | VERIS Industries | CT SW . 5 -2000, 1.0 NO 5 FIX SPST 12VDC RLY SLD CR | H750 | 1 | \$106.00 | 38\% | \$65.72 |
| H758 | veris industries | CT SW 1-135A NO 1.0A ADJ SLD CR 12 V SPST RLY | H758 | 1 | \$164.00 | 38\% | \$101.68 |
| н800 | veris industries | CT SW 0.25 A FIXED TRIP PT SPLT CR | H800 | 1 | \$42.30 | 38\% | \$26.23 |
| H806 | VERIS Industries | CT SW .75-50A, 0.1A ADJ TRIP PT, SLD COR, NC | H806 | 1 | \$122.00 | 38\% | \$75.64 |
| H808 | VERIS Industries | CT SW . $75-50$ A, 1.0 A ADJ TRIP PT SLD CR ST | H808 | 1 | \$88.35 | 38\% | \$54.78 |
| H809 | VERIS Industries | CT SW .75-50A, .2A ADJ TRIP PT SLD COR, HIV | H809 | 1 | \$134.00 | 38\% | \$83.08 |
| н904 | VERIS Industries | CT SW 3.5-135A, 0.1A NO, SPLT COR AUTO VFD | н904 | 1 | \$155.00 | 38\% | \$96.10 |
| н906 | VERIS Industries | CT SW 2.5-135A, 0.1A ADJ TRIP PT, SPLT COR, NC | н906 | 1 | \$128.00 | 38\% | \$79.36 |
| н908 | VERIS industries | CT SW 2.5-135 A, 1.0 A ADJ TRIP PT SPLT CR ST | н908 | 1 | \$113.03 | 38\% | \$70.08 |
| н909 | VERIS Industries | CT SW 2.5-135A, 2A ADJ TRIP PT, SPLT COR, HI V | н909 | 1 | \$140.00 | 38\% | \$86.80 |
| н9оянV | VERIS industries | CT SW 2.5-135A, 1.0A ADJ TRIP PT, SPLT COR, H V V | нооян | 1 | \$207.00 | 38\% | \$128.34 |
| н921 | VERIS Industries | CT XDCR ANALOG, $0-30 / 60 / 120 \mathrm{~A}$, SPLT CORE | н921 | 1 | \$150.00 | 38\% | \$93.00 |
| H922 | VERIS Industries | CT XDCR HI DC, ANALOG, 0-5V, 120 A, SPLTT CORE | н922 | 1 | \$127.00 | 38\% | \$78.74 |
| H923 | VERIS Industries | CT XDCR HI DC, AnALOG, $0-10 \mathrm{~V}, 120 \mathrm{~A}$, SPLT Core | н923 | 1 | \$128.00 | 38\% | \$79.36 |
| H930 | VERIS Industries | CT SW 1.5-200A 1.0 No . 5 FIX SPST 24 V RLY SPL CR | н930 | 1 | \$102.46 | 38\% | \$63.53 |
| H931 | VERIS Industries | CT XDCR 0-30/60/120A 4-20MA ANLG SLD CR 24V RLY | H931 | 1 | \$203.00 | 38\% | \$125.86 |
| H932 | VERIS Industries | CT XDCR 0-30/60/120A 0-5VDC ANLG SLD CR 24V RLY | H932 | 1 | \$166.00 | 38\% | \$102.92 |
| н934 | veris industries | CT SW 3.5-135A, 0.1A NO, SPLT COR SPST VFD | н934 | 1 | \$189.00 | 38\% | \$117.18 |
| н938 | VERIS Industries | CT SW RLY, 2.5 A ADJ TRIP PT SPLT CR ST | н938 | 1 | \$134.39 | 38\% | \$83.32 |
| н939 | VERIS Industries | CT SW 2.5-135A No 0.2A ADJ SPL CR 24V SPST RLY | н9з9 | 1 | \$169.00 | 38\% | \$104.78 |
| н940 | VERIS Industries | CT SW 1.5-200A 1.0 NO. 5 FIX SPDT 24 V RLY SPL CR | н940 | 1 | \$149.00 | 38\% | \$92.38 |
| н948 | veris industries | CT SW 2.5-135A NO 1.0A ADJ SLD CR 24V SPDT RLY | н948 | 1 | \$172.00 | 38\% | \$106.64 |
| H949 | VERIS Industries | CT SW 2.5-135A No 0.2A ADJ SPL CR 24V SPDT RLY | H949 | 1 | \$191.00 | 38\% | \$118.42 |
| н950 | VERIS industries | CT SW 1.5-200A 1.0 No . 5 FIX SPST 12VDC RLY SPL CR | н950 | 1 | \$124.00 | 38\% | \$76.88 |
| H951 | VERIS Industries | CT XDCR 0-30/60/120A 4-20MA ANLG SLD CR 12V RLY | H951 | 1 | \$207.00 | 38\% | \$128.34 |
| H952 | VERIS industries | CT XDCR 0-30/60/120A 0-5VDC AnLG SLD CR 12V RLY | н952 | 1 | \$174.00 | 38\% | \$107.88 |
| H958 | VERIS Industries | CT SW 2.5-135A No 1.0A ADJ SLD CR 12V SPST RLY | H958 | 1 | \$176.00 | 38\% | \$109.12 |
| H959 | VERIS Industries | CT SW 2.5-135A No 0.2A ADJ SPL CR 12V SPST RLY | H959 | 1 | \$195.00 | 38\% | \$120.90 |
| BVA-5-VER | VERIS Industries | 5 VALVE BYPASS FOR VERIS TRANSDUCER | KELE BOM | 1 | \$588.30 | 38\% | \$364.75 |
| AA49 | veris industries | TRIAC ADAPTER FOR UCP-822 | AA49 | 1 | \$90.00 | 38\% | \$55.80 |
| PWLX03S | VERIS industries | 0 -5OPSI PRESSURE TRANSDUCER W/LCD DISPLAY | PWLx03s | 1 | \$1,027.97 | 38\% | \$637.34 |
| PXPLX02S | VERIS industries | DIFF PRESSURE XDUCER | PXPLX02S | 1 | \$405.00 | 38\% | \$251.10 |
| UCP-722 | VERIS Industries | E/P V/I 3-15, 0-20 PSI | EP210052-K1 | 1 | \$257.00 | 38\% | \$159.34 |
| UCP-722-PL | VERIS Industries | E/P V/I 3-15, 0-20 PSI, W/ALARM | EP2110S2-K1 | 1 | \$306.00 | 38\% | \$189.72 |
| кт1 | VI PROFILES | THERMOSTAT COVER TOOL FOR S*E | A32X WITH 1/16"HEX | 1 | \$10.52 | 38\% | \$6.52 |
| VH7200A1000 | VICONICS TECHNOLOGIES, INC. | humidistat, on/off | VH7200A1000 | 1 | \$484.00 | 38\% | \$300.08 |
| VH7270F1000 | VICONICS TECHNOLOGIES, INC. | humidistat, analog | VH7270F1000 | 1 | \$675.00 | 38\% | \$418.50 |
| VH7270K1000 | VICONICS TECHNOLOGIES, INC. | Humidistat, Universal | VH7270K1000 | 1 | \$715.00 | 38\% | \$443.30 |
| vT7200c5031w | VICONICS TECHNOLOGIES, INC. | 2 OUTS-ON/OFF / FLoAting - no fan/ blink cVr | vT7200c5031w | 1 | \$439.00 | 38\% | \$272.18 |
| vT7200F5031W | VICONICS TECHNOLOGIES, INC. | 2 OUTS-0-10VDC ANALOG - No FAn/ BLANK CV | vT7200F5031w | 1 | \$513.00 | 38\% | \$318.06 |
| vT7300c5031w | VICONICS TECHNOLOGIES, INC. | Comm - 2 outs-On/Off / Floating/ BLANK CVR | vT7300c5031w | 1 | \$586.00 | 38\% | \$363.32 |
| vT7300F5031W | VICONICS TECHNOLOGIES, INC. | COMM - 2 OUTS-0-10VDC/ BLANK CVR | vT7300F5031w | 1 | \$620.00 | 38\% | \$384.40 |
| vt7305c5031w | VICONICS TECHNOLOGIES, INC. | HOTEL - 2 OUTS-ON/OFF / FLOATING/ BLANK | VT7305c5031W | 1 | \$563.00 | 38\% | \$349.06 |
| VT7305F5031W | VICONICS TECHNOLOGIES, INC. | HOTEL-2 OUTS-0-10VDC/ BLANK CVR | vT7305F5031W | 1 | \$620.00 | 38\% | \$384.40 |
| vT7350C5031w | VICONICS TECHNOLOGIES, INC. | COMM-2 OUTS-ON/OFF/FLOATING / RH/ BLANK | VT7350C5031W | 1 | \$750.00 | 38\% | \$465.00 |
| vT7350F5031W | VICONICS TECHNOLOGIES, INC. | COMM - 2 OUTS-0-10VDC / RH/ BLANK CVR | vT735055031W | 1 | \$778.00 | 38\% | \$482.36 |
| vT7355C5031w | VICONICS TECHNOLOGIES, INC. | HOTEL - 2 OUTS-ON/OFF / FLOATING / RH/ B | vT7355c5031W | 1 | \$750.00 | 38\% | \$465.00 |
| vT7355F5031W | viconics TECHNOLOGIES, Inc. | HOTEL - 2 OUTS-0-10VDC / RH/ BLANK CVR | vT7355F5031w | 1 | \$750.00 | 38\% | \$465.00 |
| vT7600A5031W | viconics TECHNOLOGIES, Inc. | SINGLE STAGE/ NON-PROG/BLANK CVR | vT7600A5031W | 1 | \$470.00 | 38\% | \$291.40 |
| vT760085031W | VICONICS TECHNOLOGIES, INC. | MULT-STAGE/ NON-PROG/ BLANK CVR | vT760085031W | 1 | \$488.00 | 38\% | \$302.56 |
| VT7600H5031W | VICONICS TECHNOLOGIES, INC. | HEAT PUMP/ NON-PROG/ BLANK CVR | VT7600H5031W | 1 | \$488.00 | 38\% | \$302.56 |
| VT7605B5031W | VICONICS TECHNOLOGIES, INC. | multi-stage economizer/ BLank clr | VT760585031W | 1 | \$545.00 | 38\% | \$337.90 |
| wwG-40-IP-1000 | VICONICS TECHNOLOGIES, INC. | COORdinator bacnet ip version | WWG-40-TP-1000 | 1 | \$3,535.00 | 38\% | \$2,191.70 |
| VWG-APP-1000 | VICONICS TECHNOLOGIES, INC. | WIRELESS NiAGRA CARD | WWG-APP-1000 | 1 | \$992.00 | 38\% | \$615.04 |
| vWG-BB-1000 | VICONICS TECHNOLOGIES, INC. | REPLACEMENT BATTERY FOR TEC20 | WWG-BB-1000 | 1 | \$69.00 | 38\% | \$42.78 |
| vWG-RA-1000 | VICONICS TECHNOLOGIES, INC. | REMOTE ANTENNA FOR COORDINATOR | WWG-RA-1000 | 1 | \$35.00 | 38\% | \$21.70 |
| ww-WA-1000 | viconics technologies, inc. | REPLACEMENT ANTENNA FOR COORDINATOR | WWG-WA-1000 | 1 | \$30.00 | 38\% | \$18.60 |
| 021-0474 | VICONICS TECHNOLOGIES, INC. | REPLACEMENT CIIRCUIT BOARD FOR R820 | 021-0474 | 1 | \$187.80 | 38\% | \$116.44 |
| C24 | VICONICS TECHNOLOGIES, INC. | AC/DC SIGNAL CONVERTER FOR R800 SERIES | C24 | 1 | \$46.00 | 38\% | \$28.52 |
| C25 | VICONICS TECHNOLOGIES, INC. | pulse repeater for r800 Series | C25 | 1 | \$108.00 | 38\% | \$66.96 |
| COV-FCu-C | VICONICS TECHNOLOGIES, INC. | Retrofit CVr fan Coil commercial | cov-Fcu-c | 1 | \$26.00 | 38\% | \$16.12 |
| KT600MEN | VICONICS TECHNOLOGIES, INC. | $2 \mathrm{H} / 2 \mathrm{C}+$ ECONOMIZER T-STAT, NON PROGRAMMABLE | VT760585031 | 1 | \$329.00 | 38\% | \$203.98 |
| KT602DNN-V | viconics TECHNOLOGIES, Inc. | 1H/1C ZONE TSTAT,ON/OF//FLTG,NO FN | vT7200C5031 | 1 | \$259.00 | 38\% | \$160.58 |
| KT604DNN-V | VICONICS TECHNOLOGIES, INC. | 1H/1C ZONE TSTAT,2/0-10V PROP,No FN | VT720055031 | 1 | \$300.00 | 38\% | \$186.00 |

The scope of this contract includes the following:
. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
3. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted [Inctled] Factory Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor entrolled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, to comm icate

Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenace of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtub its dishwashers
General Ductwork, Piping etc shall not be obtained on these contract
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not:
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
A. To communicate fire or health and individual(s)' location in the event of a fire or emergency.

| mber | Wantuacturer | Product Descripition |  | Warrant Period - * of year(s) fiter |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | as reaiuco by Appendix B, | Lis Price | \% Discount | wvs Nel Price |
| R820-211 | VICONICS TECHNOLOGIES, INC. | SCR POWER CONTROLLER $240 \mathrm{~V}, 10 \mathrm{~A}$ | R820-211-REV2 | 1 | \$389.00 | 38\% | \$241.18 |
| R820-321 | VICONICS TECHNOLOGIES, INC. | SCR POWER CONTROLLER $347 \mathrm{~V}, 25 \mathrm{~A}$ | R820-321-REV2 | , | \$430.00 | 38\% | \$266.60 |
| R820-323 | VICONICS TECHNOLOGIES, INC. | SCR POWER CONTROLLER $347 \mathrm{~V}, 25 \mathrm{~A}, 3$ PHASE | R820-323-REV2 | 1 | \$569.00 | 38\% | \$352.78 |
| R820-343 | VICONICS TECHNOLOGIES, INC. | SCR POWER CONTROLLER $347 \mathrm{~V}, 45 \mathrm{~A}, 3$ PHASE | R820-343-REV2 | 1 | \$706.00 | 38\% | \$437.72 |
| R820-421 | viconics TECHNOLOGIES, INC. | SCR POWER CONTROLLER $480 \mathrm{~V}, 25 \mathrm{~A}$ | R820-421-REV2 | 1 | \$454.00 | 38\% | \$281.48 |
| R820-423 | viconics TECHNOLOGIES, INC. | SCR POWER CONTROLLER $480 \mathrm{~V}, 25 \mathrm{~A}, 3$ Phase | R820-423-REV2 | 1 | \$653.00 | 38\% | \$404.86 |
| R820-441 | VICONICS TECHNOLOGIES, INC. | SCR POWER CONTROLLER 480 V , 45 A | R820-441-REV2 | 1 | \$548.00 | 38\% | \$339.76 |
| R820-443 | VICONICS TECHNOLOGIES, INC. | SCR POWER CONTROLLER $480 \mathrm{~V}, 45 \mathrm{~A}, 3$ Phase | R820-443-REV2 | 1 | \$803.00 | 38\% | \$497.86 |
| R820-471 | VICONICS TECHNOLOGIES, INC. | SCR POWER CONTROLLER 480 V , 75 A | R820-471-REV2 | 1 | \$960.00 | 38\% | \$595.20 |
| R820-621 | VICONICS TECHNOLOGIES, INC. | SCR POWER CONTROLLER $600 \mathrm{~V}, 25 \mathrm{~A}$ | R820-621-REV2 | 1 | \$473.00 | 38\% | \$293.26 |
| R820-623 | VICONICS TECHNOLOGIES, INC. | SCR POWER CONTROLLER $600 \mathrm{~V}, 25 \mathrm{~A}, 3$ PHASE | R820-623-REV2 | 1 | \$589.00 | 38\% | \$365.18 |
| R820-641 | VICONICS TECHNOLOGIES, INC. | SCR POWER CONTROLLER 600 V , 45 A | R820-641-REV2 | 1 | \$785.00 | 38\% | \$486.70 |
| R820-643 | viconics TECHNOLOGIES, INC. | SCR POWER CONTROLLER $600 \mathrm{~V}, 45 \mathrm{~A}, 3$ Phase | R820-643-REV2 | 1 | \$1,148.00 | 38\% | \$711.76 |
| R820-671 | VICONIIS TECHNOLOGIIS, INC. | SCR POWER CONTROLLER $600 \mathrm{v}, 75 \mathrm{~A}$ | R820-671-REV2 | 1 | \$1,101.00 | 38\% | \$682.62 |
| S101001000 | VICONICS TECHNOLOGIES, INC. | CAPSULE TYPE MULTT-PURPOSE TEMP SENSOR | S101001000 | 1 | \$52.00 | 38\% | \$32.24 |
| S1010E1000 | VICONICS TECHNOLOGIES, INC. | CAPSULE TYPE MULT-PURPOSE TEMP SENSOR | S1010E1000 | 1 | \$61.00 | 38\% | \$37.82 |
| S200001000 | VICONICS TECHNOLOGIES, INC. | duct temp sensor w/unction box | S200001000 | 1 | \$120.00 | 38\% | \$74.40 |
| S2020E1000 | VICONICS TECHNOLOGIES, INC. | OUTSIDE AIR TEMP SENSOR NEMA 4 ENCLOSURE | S2020E1000 | 1 | \$138.00 | 38\% | \$85.56 |
| S3010w1000 | VICONICS TECHNOLOGIES, INC. | ROOM TEMP SENSOR | S3010w1000 | 1 | \$107.45 | 38\% | \$66.62 |
| S3020w1000 | viconics TECHNOLOGIES, INC. | ROOM TEMP SENSOR W/TEMPORARY OVERRIDE KEY | S3020W1000 | 1 | \$85.88 | 38\% | \$53.25 |
| 561 | viconics TECHNOLOGIES, Inc. | REMOTE DUCT TEMP SENSOR FOR DISCHARGE | 561 | 1 | \$69.00 | 38\% | \$42.78 |
| 570 | viconics TECHNOLOGIES, Inc. | REMOTE DUCT SENSOR W/SCREW TERMINAL W/CVR | 570 | 1 | \$110.00 | 38\% | \$68.20 |
| 580 | VICONICS TECHNOLOGIES, INC. | REMOTE WALL MOUNT TEMP SENSOR | 580 | 1 | \$84.00 | 38\% | \$52.08 |
| vT7200C5000 | VICONICS TECHNOLOGIES, INC. | 1H/1C ZONE TSTAT, ON/OFF OR FLTG, NO FAN | VT7200C5000 | 1 | \$217.00 | 38\% | \$134.54 |
| VT7200c5000b | VICONICS TECHNOLOGIES, INC. | ZONE TSTAT W/2 FLTG W/1 Digital bacnet | VT7200c5000 | 1 | \$364.00 | 38\% | \$225.68 |
| VT7200C5000E | VICONICS TECHNOLOGIES, INC. | ZONE TSTAT W/2 FLTG W/1 digital echelon | VT7200c5000E | 1 | \$426.00 | 38\% | \$264.12 |
| vT7200c5000w | viconics TECHNOLOGIES, Inc. | 2 FLTG CTRL W/REHEAT | vT7200c5000w | 1 | \$439.00 | 38\% | \$272.18 |
| vT7200c5031 | VICONICS TECHNOLOGIES, INC. | 1H/1C ZONE TSTAT, ON/OFF OR FLTG, No FAn;BLNK CVR | vT7200c5031 | 1 | \$217.00 | 38\% | \$134.54 |
| vT7200c5031B | VICONICS TECHNOLOGIES, INC. | BNET/1H/1C ZONE TSTAT/ON/OFF/FLTG/NO FN/BLNK CVR | vT7200c5031B | 1 | \$364.00 | 38\% | \$225.68 |
| vT7200c5031E | VICONICS TECHNOLOGIES, INC. | LON/1H/1C ZONE TSTAT/ON/OF//FLTG/NO FN/BLNK CVR | VT7200c5031E | 1 | \$426.00 | 38\% | \$264.12 |
| VT7200F5000 | VICONICS TECHNOLOGIES, INC. | 1H/1C ZONE TSTAT, 2-(0-10V) PROP., NO FAN | VT7200F5000 | 1 | \$252.00 | 38\% | \$156.24 |
| vT7200F5000b | VICONICS TECHNOLOGIES, INC. | ZONE TSTAT W/2 Analog w/1 digital bacnet | VT7200F5000B | 1 | \$424.00 | 38\% | \$262.88 |
| vT7200F5000E | VICONICS TECHNOLOGIES, INC. | zone tstat W/2 Analog w/1 digital Echelon | vT7200F5000E | 1 | \$498.00 | 38\% | \$308.76 |
| vT7200F5000w | viconics TECHNOLOGIES, INC. | 2 ANALOG CTRL W/REHEAT | VT7200F5000w | 1 | \$513.00 | 38\% | \$318.06 |
| vT7200F50318 | viconics TECHNOLOGIES, Inc. | BNET/1H/1C ZONE TSTAT/2/0-10V PROP/NO FN/BL/NK CVR | vT7200F50318 | 1 | \$424.00 | 38\% | \$262.88 |
| vT7200F5031E | VICONICS TECHNOLOGIES, INC. | LON/1H/1C ZONE TSTAT/2/0-10V PROP/NO FN/BLNK CVR | vT7200F5031E | 1 | \$498.00 | 38\% | \$308.76 |
| VT7300c5000 | viconics technologies, inc. | FCOIL COMMERCIIAL 2 FLTG W/1 AUXW/ | VT7300c5000 | 1 | \$289.00 | 38\% | \$179.18 |
| vT7300c5000b | VICONICS TECHNOLOGIES, INC. | FCOIL COMMERCIAL 2 FLTG W/1/ AUX W/ BACNET | vT7300c5000в | 1 | \$486.00 | 38\% | \$301.32 |
| VT7300C5000E | VICONICS TECHNOLOGIES, INC. | FCOIL COMMERCIAL 2 FLTG W/1 AuXW/ECHELON | VT7300c5000E | 1 | \$570.00 | 38\% | \$353.40 |
| vT7300c5000w | VICONICS TECHNOLOGIES, INC. | ON/OFF OR 2 FLTG CTRL W/REHEAT | vT7300c5000w | 1 | \$586.00 | 38\% | \$363.32 |
| VT7300F5000 | viconics TECHNOLOGIES, INC. | FCOIL COMMERCIAL 2 ANALOG W/1 Auxw/ | VT7300F5000 | 1 | \$306.00 | 38\% | \$189.72 |
| vт7300F5000b | viconics TECHNOLOGIES, INC. | FCOIL COMMERCIAL 2 ANALOG W/1 AUX W/ Bacnet | vт7300F5000в | 1 | \$514.00 | 38\% | \$318.68 |
| vT7300F5000E | VICONICS TECHNOLOGIES, INC. | FCOIL COMMERCIAL 2 ANALOG W/1 AUXW/ECHELON | vT7300F5000E | 1 | \$603.00 | 38\% | \$373.86 |
| vT7300F5000w | VICONICS TECHNOLOGIES, INC. | 2 ANALOG CTRL W/REHEAT | VT7300F5000w | 1 | \$620.00 | 38\% | \$384.40 |
| VT7305C5000 | VICONICS TECHNOLOGIES, INC. | FCOIL HOTEL 2 FLTG W/1 AUXW/ | VT7305C5000 | 1 | \$289.00 | 38\% | \$179.18 |
| vT7305c5000 | VICONICS TECHNOLOGIES, INC. | FCOIL HOTET 2 FLTG w/1 AUX w/ BACNET | vT7305c5000в | 1 | \$486.00 | 38\% | \$301.32 |
| vT7305c5000E | VICONICS TECHNOLOGIES, INC. | FCOIL HOTELT 2 FLTG W/1 AUXW/ECHELON | VT7305c5000E | 1 | \$570.00 | 38\% | \$353.40 |
| vT7305C5000w | VICONICS TECHNOLOGIES, INC. | ON/OFF OR 2 FLTG CTRL W/REHEAT | VT7305C5000w | 1 | \$586.00 | 38\% | \$363.32 |
| vT7305c5031B | viconics TECHNOLOGIES, INC. | BNET/1H/1C FNCOIL TSTAT/ON/OFF//LTG/3SPD | vт7305c5031B | 1 | \$486.00 | 38\% | \$301.32 |
| vT7305C5031E | VICONICS TECHNOLOGIES, INC. | LON/1H/1C FNCOIL TSTAT/ON/OFF/FLTG/3SPD | vT7305c5031E | 1 | \$570.00 | 38\% | \$353.40 |
| VT7305F5000 | VICONICS TECHNOLOGIES, INC. | FCOIL Hotel 2 ANalog W/1 AUXW/ | VT7305F5000 | 1 | \$306.00 | 38\% | \$189.72 |
| vT7305F5000B | VICONICS TECHNOLOGIES, INC. | FCOIL HOTEL 2 ANALOG W/1 AUX W/BACNET | vT7305F5000B | 1 | \$514.00 | 38\% | \$318.68 |
| vT730555000E | VICONICS TECHNOLOGIES, INC. | FCOIL Hotel 2 ANALOG W/1 AUXW/ECHELON | VT7305F5000E | 1 | \$603.00 | 38\% | \$373.86 |
| VT730555000w | VICONICS TECHNOLOGIES, INC. | 2 ANALOG CTRL W/REHEAT | vT7305F5000w | 1 | \$620.00 | 38\% | \$384.40 |
| vT7305F5031B | VICONICS TECHNOLOGIES, INC. | BNET/1H/1C FNCL TSTAT/2/0-10V PROP/3SPD | vT7305F50318 | 1 | \$514.00 | 38\% | \$318.68 |
| vt7305F5031E | VICONICS TECHNOLOGIES, INC. | LON/1H/1C FNCL TSTAT/2/0-10V PROP/3SPD F | vT7305F5031E | 1 | \$603.00 | 38\% | \$373.86 |
| vт7350C5000 | VICONICS TECHNOLOGIES, INC. | FCOIL COMMERCIAL 2 FLTG W/1 AUXW/ W/RH | vт7350C5000 | 1 | \$369.00 | 38\% | \$228.78 |
| vT7350C5000B | VICONICS TECHNOLOGIES, INC. | FCOIL COMMERCIAL 2 FLTG W/1 AUXW W/RH BACNET | VT7350C5000B | 1 | \$621.00 | 38\% | \$385.02 |
| VT7350C5000E | VICONICS TECHNOLOGIES, INC. | FCOIL COMMERCIAL 2 FLTG W/1 AUXW W/RH ECHELON | VT7350C5000E | 1 | \$729.00 | 38\% | \$451.98 |
| vT7350C5000w | VICONICS TECHNOLOGIES, INC. | ON/OFF OR 2 FLTG CTRL W/REHEAT AND RH SENSING | vT7350c5000w | 1 | \$750.00 | 38\% | \$465.00 |
| vT7350C5031E | VICONICS TECHNOLOGIES, INC. | LON/1H/1C FNCL TSTAT/ON/OF//FLTG/3S FN/W | VT7350C5031E | 1 | \$729.00 | 38\% | \$451.98 |
| vT7350F5000 | viconics TECHNOLOGIES, INC. | FCOIL COMMERCIAL 2 ANALOG W/1 AUXW/ W/RH | VT7350F5000 | 1 | \$384.00 | 38\% | \$238.08 |
| vт7350F5000b | viconics TECHNOLOGIES, INC. | FCoil commercial 2 Analog w/1 Auxw w/RH Bacnet | vT7350F5000b | 1 | \$645.00 | 38\% | \$399.90 |
| vT735055000 | VICONICS TECHNOLOGIES, INC. | FCOIL COMMERCIAL 2 Analog W/1 AUXW W/RH ECHELON | VT735055000E | 1 | \$756.00 | 38\% | \$468.72 |
| vT735055000w | VICONIIS TECHNOLOGIES, INC. | 2 ANALOG CTRL W/REHEAT AND IMBEDDED RH SENSING | VT7350F5000w | 1 | \$778.00 | 38\% | \$482.36 |
| vT7350F5031E | VICONICS TECHNOLOGIES, INC. | LON/1H/1C FNCL TSTAT/2/0-10V PROP/3SPD F | vT7350F5031E | 1 | \$756.00 | 38\% | \$468.72 |
| VT7355C5000 | VICONICS TECHNOLOGIES, INC. | FCOIL HOTEL 2 FLTG W/1 AUXW/ W/RH | VT7355C5000 | 1 | \$369.00 | 38\% | \$228.78 |
| vT7355c5000в | VICONICS TECHNOLOGIES, INC. | FCOIL Hotel 2 FLTG W/1 AUXW W/RH BACNET | vт7355c5000в | 1 | \$621.00 | 38\% | \$385.02 |
| VT7355c5000E | VICONICS TECHNOLOGIES, INC. | FCOIL Hotel 2 FLTG W/1 AUXW/ W/RHECHELON | VT7355c5000E | 1 | \$729.00 | 38\% | \$451.98 |
| VT7355c5000w | viconics TECHNOLOGIES, INC. | ON/OFF OR 2 FLTG CTRL W/REHEAT AND RH SENSING | vT7355C5000w | 1 | \$750.00 | 38\% | \$465.00 |
| vт7355c5031B | VICONICS TECHNOLOGIES, INC. | BNETH/1LC FNCL TSTAT/ON/OF//FLTG/SSPDFN/ | vT7355C5031B | 1 | \$621.00 | 38\% | \$385.02 |
| vT7355F5000 | VICONICS TECHNOLOGIES, INC. | FCOIL Hotel 2 ANALOG W/1 AUXW/ W/RH | vT7355F5000 | 1 | \$369.00 | 38\% | \$228.78 |
| vT7355F5000B | VICONICS TECHNOLOGIES, INC. | FCOIL HOTEL 2 ANALOG W/1 AUXW W/RH BACNET | vT7355F5000B | 1 | \$621.00 | 38\% | \$385.02 |
| vT735555000 | VICONICS TECHNOLOGIES, INC. | FCOIL HOTEL 2 ANALOG W/1 AUXW/ W/RH ECHELON | VT7355F5000E | 1 | \$729.00 | 38\% | \$451.98 |
| VT735555000w | VICONICS TECHNOLOGIES, INC. | 2 Analog CTRL w/reheat and imbedded rh sensing | VT7355F5000w | 1 | \$750.00 | 38\% | \$465.00 |
| vT7355F5031B | VICONICS TECHNOLOGIES, INC. | BNET1H/1C FNCL TSTAT/2/0-10V PROP/3S FN/ | vT7355F50318 | 1 | \$621.00 | 38\% | \$385.02 |
| VT7600A5000 | VICONICS TECHNOLOGIES, INC. | 1H/1C TSTAT NON-PROG | VT7600A5000 | 1 | \$214.00 | 38\% | \$132.68 |
| VT7600A5000B | VICONICS TECHNOLOGIES, INC. | 1H/1C TSTAT NON-PROG BACNET | VT7600A5000B | 1 | \$400.00 | 38\% | \$248.00 |
| VT7600a5000E | VICONICS TECHNOLOGIES, INC. | 1H/1C LON TSTAT NON-PROG | VT7600A5000E | 1 | \$446.00 | 38\% | \$276.52 |
| vT7600A5000w | VICONICS TECHNOLOGIES, INC. | 1H/1C | VT7600A5000w | 1 | \$470.00 | 38\% | \$291.40 |
| VT7600A5031 | VICONICS TECHNOLOGIES, INC. | 1H/1C TSTAT NON-PROG BLANK COVER | VT7600A5031 | 1 | \$214.00 | 38\% | \$132.68 |
| VT7600A5031B | VICONICS TECHNOLOGIES, INC. | 1H/1C BACNET T-STAT/ NON-PROG/ BLANK CVR | vT7600A5031B | 1 | \$400.00 | 38\% | \$248.00 |
| vT7600A5031E | VICONICS TECHNOLOGIES, INC. | 1H/1C LON T-STAT/ NoN-PROG/ BLANK CVR | VT7600A5031E | 1 | \$446.00 | 38\% | \$276.52 |
| VT760085000 | VIICONISCS TECHNOLOGIES, INC. | $2 \mathrm{H} / 2 \mathrm{C}$ TSTAT NON-PROG | VT760085000 | 1 | \$238.00 | 38\% | \$147.56 |
| Vт760085000в | VICONICS TECHNOLOGIES, INC. | $2 \mathrm{H} / 2 \mathrm{C}$ TSTAT NON-PROG BACNET | Vт760085000в | 1 | \$416.00 | 38\% | \$257.92 |
| VT760085000E | VICONICS TECHNOLOGIES, INC. | 2H/2C LON TSTAT NON-PROG | VT760085000E | 1 | \$462.00 | 38\% | \$286.44 |
| vT760085000w | VICONICS TECHNOLOGIES, INC. | $2 \mathrm{H} / 2 \mathrm{C}$ | VT760085000w | 1 | \$488.00 | 38\% | \$302.56 |
| VT760085031B | VICONICS TECHNOLOGIES, INC. | 2H/2C BACNET T-STAT/ NON-ProG/ blank CVR | VT760085031B | 1 | \$416.00 | 38\% | \$257.92 |
| VT760085031E | VICONICS TECHNOLOGIES, INC. | 2H/2C LON T-STAT/ NoN-PROG/ BLANK CVR | VT760085031E | 1 | \$462.00 | 38\% | \$286.44 |
| VT7600H5000 | viconics TECHNOLOGIES, INC. | 3H/2C HEAT PUMP TSTAT NON-PROG | VT7600H5000 | 1 | \$238.00 | 38\% | \$147.56 |
| VT7600H5000B | VIICONICS TECHNOLOGIES, INC. | 3H/2C HEAT PUMP TSTAT NON-PROGW/ BACNET | VT7600H50008 | 1 | \$416.00 | 38\% | \$257.92 |
| VT7600H5000E | VICONICS TECHNOLOGIES, INC. | 3H/2C LON HEAT PUMP TSTAT NON-PROG | VT7600H5000E | 1 | \$462.00 | 38\% | \$286.44 |
| vT7600H5000w | VICONICS TECHNOLOGIES, INC. | $3 \mathrm{H} / 2 \mathrm{CHEATPUMP}$ | VT7600H5000w | 1 | \$488.00 | 38\% | \$302.56 |
| VT7600H5031B | VICONICS TECHNOLOGIES, INC. | 3H/2C HEAT PUMP BACNET T-STAT/ NON-PROGB | VT7600H5031B | 1 | \$416.00 | 38\% | \$257.92 |
| VT7600H5031E | VICONICS TECHNOLOGIES, INC. | 3H/2C HEAT PUMP LON T-STAT/ NoN-PROG/ BL | VT7600H5031E | 1 | \$462.00 | 38\% | \$286.44 |
| VT760585000 | VICONICS TECHNOLOGIES, INC. | $2 \mathrm{H} / 2 \mathrm{C}+$ ECONOMIZER THERMOSTAT, NON-PROG | VT760585000 | 1 | \$275.00 | 38\% | \$170.50 |
| VT760585000в | VICONICS TECHNOLOGIES, INC. | 2H/2C W/ECONOW/ TSTAT NON-PROGW/ BACNET | VT760585000в | 1 | \$465.00 | 38\% | \$288.30 |
| VT7605B5000E | viconics TECHNOLOGIES, INC. | 2H/2C W/ECONOMIZER Lon tstat non-prog | VT760585000E | 1 | \$516.00 | 38\% | \$319.92 |
| VT760585000w | viconics TECHNOLOGIES, Inc. | $2 \mathrm{H} / 2 \mathrm{C}$ W/ECONOMIZER CTRL | vT760585000w | 1 | \$545.00 | 38\% | \$337.90 |
| VT760585031B | VICONICS TECHNOLOGIES, INC. | 2H/2C ECONOMIZER BACNET T-STAT/ NON-PR/ | vT7605650318 | 1 | \$465.00 | 38\% | \$288.30 |
| vT760585031E | VICONICS TECHNOLOGIES, INC. | 2H/2C + ECONOMIZER LON T-STAT/ NON-PROG/ | VT760585031E | 1 | \$516.00 | 38\% | \$319.92 |
| vT760785000 | VICONICS TECHNOLOGIES, INC. | 2H/2C W/HUMIDTTY NON-PROG | VT760785000 | 1 | \$349.00 | 38\% | \$216.38 |
| vт760785000в | VICONICS TECHNOLOGIES, INC. | $2 \mathrm{H} / 2 \mathrm{C}$ W/Humidit Non-PROG BACNET | vт760785000в | 1 | \$514.00 | 38\% | \$318.68 |
| VT760785000E | VICONICS TECHNOLOGIES, INC. | 2H/2C W/HuMIDITY LON TSTAT NON-PROG | VT760785000E | 1 | \$592.00 | 38\% | \$367.04 |
| VT760785000W | VICONICS TECHNOLOGIES, INC. | $2 \mathrm{H} / 2 \mathrm{C}$ HUMIDIFICATION DEHUMIDIFICATION | VT760785000W | 1 | \$604.00 | 38\% | \$374.48 |

The scope of this contract includes the following

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Monded HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and commission and which are integr.
products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FIAP), and/or other similar device, which utilize certain protocols (e.g. BACNet, LonTalk, Modbus, etc.) to commenicate
platforms/ystems.
. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenate of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtub showers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
2. Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, he
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (cooxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting conference rooms, video video conferencing equipment, Theatre Screens/Displays, etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
A. To communicate fire or health and safety emergencies directly and solely
B. To identify an individual(s)' location in the event of a fire or emergency.


The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or facility. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
. Interrted Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Monted HVAC Equipment. Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and products by the authorized user.
Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor antrolled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Panel (FAAP), and/or other similar device, which utilize certain procols (e.g. BACNet, LonTalk, Modbus,噱

Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installaiion, systems integration, or mainten ere of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtub owers, water fountains, water heaters hot water tanks, garbage disposal
General Ductwork, Piping, etc. shall not be obtained on these contracts
Chillers, Rooftop Units, boilers, air handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are not:
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to:
B. Audio-Video equirment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms video video conferencing equipment, Theatre Screens/Displays etc).

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.
B. To identify an individual(s)' location in the event of a fire or emergency.

|  |  |  | $\begin{gathered} \text { "Warranty Period - \# of year(s) after } \\ \text { acceptance as required by Appendix B, } \\ \text { Clause } 54 \text { " } \end{gathered}$ | List Price | \% Discoum | NYs Nel Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |
| GDN-MO2 | VULCAIN (HONEYWELL ANALYTIC NeTWORK 02 GAS DETECTOR, MODBUS | KELE BOM | 1 | \$2,508.71 | 38\% | \$1,555.40 |
| GDS-DC3H8 | VULCAIN (HONEYWELL ANALYTIC SINGLE C3H8 GAS Detector, DUCT MOUnt | KELE BOM | 1 | \$1,933.87 | 38\% | \$1,199.00 |
| GDS-DCH4 | VULCAIN (HONEYWELL ANALYTIC SINGLE CH4 GAS DETECTOR, DUCT MOUNT | KELE BOM | 1 | \$1,933.87 | 38\% | \$1,199.00 |
| GDS-dCO-1 | VULCAIN (HONEYWELL ANALTTIC SINGLE CO GAS DETECTOR, DUCT MOUNT | kELE Bom | 1 | \$1,872.09 | 38\% | \$1,160.70 |
| GDS-DH2 | VULCAIN (HONEYWELL ANALYTIC SINGLE H2 GAS DETECTOR, DUCT MOUNT | KELE Bom | 1 | \$1,933.87 | 38\% | \$1,199.00 |
| GDS-DH2S | VULCAIN (HONEYWELL ANALYTIC SINGLL H2S GAS detector, duct mount | KELE Bom | 1 | \$1,933.87 | 38\% | \$1,199.00 |
| GDS-DNO2 | VULCAIN (HONEYWELL ANALYTIC SINGLE NO2 GAS DETECTOR, DUCT MOUNT | KELE BOM | 1 | \$1,933.87 | 38\% | \$1,199.00 |
| GDS-D02 | VULCAIN (HONEYWELL ANALTTIC SINGLE O2 GAS detector, DUCT MOUNT | KELE Bom | 1 | \$1,933.87 | 38\% | \$1,199.00 |
| GDS-wC3H8 | VULCAIN (HONEYWELL ANALYTIC SINGLE C3H8 GAS Detector, WALL MOUNT | KELE BOM | 1 | \$1,797.21 | 38\% | \$1,114.27 |
| GDS-WCH4 | VULCAIN (HONEYWELL ANALYTIC SINGLE CH4 GAS Detector, WALL MOUNT | KELE BOM | 1 | \$1,797.21 | 38\% | \$1,114.27 |
| GDS-wco-1 | VULCAIN (HONEYWELL ANALTTIC SINGLE CO GAS DETECTOR, WALL MOUNT | KELE Bom | 1 | \$1,671.08 | 38\% | \$1,036.07 |
| GDS-WH2 | VULCAIN (HONEYWELL ANALTTIC SINGLE H2 GAS DETECTOR, WALL MOUNT | KELE Bom | 1 | \$1,797.21 | 38\% | \$1,114.27 |
| GDS-WH2S | VULCAIN (HONEYWELL ANALYTIC SINGLL H2S GAS detector, wall mount | KELE BoM | 1 | \$1,797.21 | 38\% | \$1,114.27 |
| GDS-WNO2 | VULCAIN (HONEYWELL ANALYTIC SINGLE NO2 GAS detector, WALL MOUNT | KELE Bom | 1 | \$1,797.21 | 38\% | \$1,114.27 |
| GDS-W02 | VULCAIN (HONEYWELL ANALYTIC SINGLE O2 GAS DETECTOR, WALL MOUNT | KELE BOM | 1 | \$1,797.21 | 38\% | \$1,114.27 |
| IAQ-DAC | VULCAIN (HONEYWELL ANALTTIC IAQPOINT CO2 MONITOR, DUCT, ANALOG | 1508A2001 | 1 | \$647.11 | 38\% | \$401.21 |
| IAQ-DAC-D | VULCAIN (HONEYWELL ANALYTIC IAQPoint CO2 MONitor, DUCT, ANALOG, display | 1508A2009 | 1 | \$820.45 | 38\% | \$508.68 |
| IAQ-DAC-R | VULCAIN (HONEYWELL ANALYTIC IAQPOINT CO2 MONITOR, DUCT, ANALOG, RELAY | 1508A2003 | 1 | \$670.22 | 38\% | \$415.54 |
| IAQ-DAC-R-D | VULCAIN (HONEYWELL ANALTTTC IAQPoint CO2 MON, DUCT, ANALOG, RELAY/DISP | 1508A2011 | 1 | \$843.55 | 38\% | \$523.00 |
| IAQ-DAC-TRH | VULCAIN (HONEYWELL ANALYTIC IAQPoint CO2 MONITOR, DUCT, AnAlog, TEMP/RH | 1508A2005 | 1 | \$762.67 | 38\% | \$472.86 |
| IAQ-DAC-TRH-D | vulcain (Honerwell analytic iaqpoint coz Mon, duct, Analog, TEMP/RH/DISP | 1508 A2013 | 1 | \$936.00 | 38\% | \$580.32 |
| IAQ-DAC-TRH-R | VULCAIN (HONEYWELL ANALYTIC IAQPOINT CO2 MON, DUCT, ANALOG, TEMP/RH/RELY | 1508A2007 | 1 | \$785.78 | 38\% | \$487.18 |
| IAQ-DAC-TRH-R-D | VULCAIN (HONEYWELL ANALYTIC IAQPoint CO2 MON, DUCT, ANALOG, TEMP/RH/RELAY/DISP | 1508 A2015 | 1 | \$959.11 | 38\% | \$594.65 |
| IAQ-DAV | VULCAIN (HONETWELL ANALYTIC IAQPOINT VOC MONITOR, DUCT, ANALOG | 1508A2002 | 1 | \$762.66 | 38\% | \$472.85 |
| IAQ-DAV-D | VULCAIN (HONEYWELL ANALYTIC IAQPoint voc Monitor, DUCT, ANALOG, display | 1508 A2010 | 1 | \$936.00 | 38\% | \$580.32 |
| IAQ-DAV-R | VULCAIN (Honerwell analttic iaqpoint voc monitor, duct, analog, relay | 1508A2004 | 1 | \$785.78 | 38\% | \$487.18 |
| IAQ-DAV-R-D | VULCAIN (HONEYWELL ANALYTIC IAQPoint voc monitor, DUCT, ANALOG, RELAY, display | 1508A2012 | 1 | \$959.11 | 38\% | \$594.65 |
| IAQ-DAV-TRH | VULCAIN (HONEYWELL ANALYTIC IAQPOINT VOC MONITOR, DUCT, ANALOG, TEMP AND RH | 1508A2006 | 1 | \$878.22 | 38\% | \$544.50 |
| IAQ-DAV-TRH-D | VULCAIN (HONEYWELL ANALTTTC IAQPOINT VOC MONITOR, DUCT, ANALOG, TEMP/RH/DISP | 1508 A2014 | 1 | \$1,051.55 | 38\% | \$651.96 |
| IAQ-DAV-TRH-R | VULCAIN (HONEYWELL ANALYTIC IAQPoint voc monitor, DUCT, ANALOG, TEMP/RH/RELAY | 1508A2008 | 1 | \$901.33 | 38\% | \$558.82 |
| IAQ-DAV-TRH-R-D | VULCAIN (HONETWELL ANALTTIC IAAPOINT VOC MON, DUCT, ANALOG, TEMP/RH/RELY/DISP | 1508 A2016 | 1 | \$1,074.66 | 38\% | \$666.29 |
| IAQ-DNC-D | VULCAIN (HONEYWELL ANALYTIC IAQPoint CO2 MONITOR, DUCT, Network, display | 1508 A2017 | 1 | \$936.00 | 38\% | \$580.32 |
| IAQ-DNC-R-D | VULCAIN (HONEYWELL ANALYTIC IAQPOINT CO2 MONITOR, DUCT, NETWORK, RELAY/DISPLAY | 1508A2019 | 1 | \$959.11 | 38\% | \$594.65 |
| IAQ-DNC-TRH-D | vulcain (Honerwell analytic iaqpoint coz Monitor, duct, network, temp/rh/disp | 1508A2021 | 1 | \$1,051.55 | 38\% | \$651.96 |
| IAQ-DNC-TRH-R-D | vulcain (Honerwell analytic iappoint coz Mon, duct, network, Temp/Rh/rely/disp | 1508A2023 | 1 | \$1,074.67 | 38\% | \$666.30 |
| IAQ-DNV-D | VULCAIN (HONEYWELL ANALTTIC IAQPOINT VOC MONITOR, DUCT, NETWORK, DISPLAY | 1508 A2018 | 1 | \$1,051.55 | 38\% | \$651.96 |
| IAQ-DNV-R-D | VULCAIN (HONEYWELL ANALYTIC IAQPOINT VOC MONITOR, DUCT, NETWORK, RELAY/DISPLAY | 1508A2020 | 1 | \$1,074.66 | 38\% | \$666.29 |
| IAQ-DNV-TRH-D | VULCAIN (HONEYWELL ANALYTIC IAQPOINT VOC MONITOR, DUCT, NETWORK, TEMP/RH/DISP | 1508 A2022 | 1 | \$1,167.11 | 38\% | \$723.61 |
| IAQ-DNV-TRH-R-D | vulcain (Honerwell analytic iappoint voc mon, duct, network, Temp/rh/rely/disp | 1508A2024 | 1 | \$1,190.22 | 38\% | \$737.94 |
| IAQ-WAC | VULCAIN (HONEYWELL ANALTTIC IAQPOINT CO2 MONITOR, WALL, ANALOG | 1508A1001 | 1 | \$520.75 | 38\% | \$322.87 |
| IAQ-WAC-D | VULCAIN (HONEYWELL ANALYTIC IAQPoint CO2 MONITOR, WALL, ANALOG, display | 1508A1009 | 1 | \$670.22 | 38\% | \$415.54 |
| IAQ-wac-R | VULCAIN (Honerwell analttic iaqpoint CO2 Monitor, wall, analog, relay | 1508A1003 | 1 | \$544.96 | 38\% | \$337.88 |
| IAQ-WAC-R-D | VULCAIN (HONEYWELL ANALTTIC IAAPoint CO2 MONitor, WALL, ANALOG, RELAY, display | 1508A0111 | 1 | \$693.34 | 38\% | \$429.87 |
| IAQ-WAC-TRH | VULCAIN (HONEYWELL ANALYTIC IAQPoint CO2 MONITOR, WALL, ANALOG, TEMP/RH | 1508A1005 | 1 | \$612.44 | 38\% | \$379.71 |
| IAQ-WAC-TRH-D | VULCAIN (HONEYWELL ANALYTIC IAQPOiNT CO2 MONITOR, WALL, ANALOG, TEMP/RH/DISP | 1508A013 | 1 | \$785.78 | 38\% | \$487.18 |
| IAQ-WAC-TRH-R | VULCAIN (HONEYWELL ANALYTIC IAQPoint CO2 MONitor, WALL, ANALOG, TEMP/RH/RELAY | 1508A1007 | 1 | \$635.56 | 38\% | \$394.05 |
| IAQ-WAC-TRH-R-D | VULCAIN (HONEYWELL ANALYTIC IAQPoint CO2 MON, WALL, ANALOG, TEMP/RH/RELAY/DISP | 1508A01015 | 1 | \$808.89 | 38\% | \$501.51 |
| IAQ-WAV | VULCAIN (HONEYWELL ANALTTIC IAQPOINT VOC MONITOR, WALL, ANALOG | 1508A1002 | 1 | \$641.85 | 38\% | \$397.95 |
| IAQ-wav-d | VULCAIN (HONEYWELL ANALYTIC IAQPoint Voc monitor, WALL, ANALOG, display | 1508 A1010 | 1 | \$785.77 | 38\% | \$487.18 |
| IAQ-WAV-R | VULCAIN (HONEYWELL ANALYTIC IAQPOINT VOC MONITOR, WALL, ANALOG, RELAY | 1508A1004 | 1 | \$666.06 | 38\% | \$412.96 |
| IAQ-WAV-R-D | VULCAIN (HONEYWELL ANALYTIC IAQPoint Voc Monitor, WALL, ANALOG, RELAY, Display | 1508A1012 | 1 | \$808.89 | 38\% | \$501.51 |
| IAQ-WAV-TRH | VULCAIN (HONEYWELL ANALYTIC IAQPOINT VOC MONITOR, WALL, ANALOG, TEMP AND RH | 1508A1006 | 1 | \$728.00 | 38\% | \$451.36 |
| IAQ-WAV-TRH-D | VULCAIN (HONEYWELL ANALYTTC IAQPOINT VOC MONITOR, WALL, ANALOG, TEMP/RH/DISP | 1508 A014 | 1 | \$901.34 | 38\% | \$558.83 |
| IAQ-WAV-TRH-R | VULCAIN (HONEYWELL ANALYTIC IAQPoint voc monitor, WALL, ANALOG, TEMP/RH/RELAY | 1508A1008 | 1 | \$751.11 | 38\% | \$465.69 |
| IAQ-WAV-TRH-R-D | VULCAIN (HONEYWELL ANALYTTC IAQPoint Voc mon, wall, Analog, temp/RH/RELAYdisp | 1508 A1016 | 1 | \$924.44 | 38\% | \$573.15 |
| IAQ-Wnc-D | VULCAIN (HONEYWELL ANALYTIC IAQPoint CO2 MONITOR, WALL, NETWORK, DISPLAY | 1508 A1017 | 1 | \$785.78 | 38\% | \$487.18 |
| IAQ-WNC-R-D | vulcain (honerwell analytic iaqpoint coz monitor, wall, network, relay/display | 1508 A1019 | 1 | \$808.89 | 38\% | \$501.51 |
| IAQ-WNC-TRH-D | VULCAIN (HONEYWELL ANALYTIC IAQPOINT CO2 MONITOR, WALL, NETWORK, TEMP/RH/DISP | 1508A1021 | 1 | \$901.33 | 38\% | \$558.82 |
| IAQ-WNC-TRH-R-D | vulcain (Honerwell analytic iappoint coz Mon, wall, network, Temp/rh/rely/dis | 1508A1023 | 1 | \$924.44 | 38\% | \$573.15 |
| IAQ-WNV-D | VULCAIN (HONEYWELL ANALYTC IAQPOINT VOC MONITOR, WALL, NETWORK, DISPLAY | 1508 A01018 | 1 | \$901.34 | 38\% | \$558.83 |
| IAQ-WNV-R-D | VULCAIN (HONEYWELL ANALYTIC IAQPOINT VOC MONITOR, WALL, NETWORK, RELAY/DISPLAY | 1508A1020 | 1 | \$924.44 | 38\% | \$573.15 |
| IAQ-WNV-TRH-D | vulcain (Honerwell analytic iaqpoint voc monitor, wall network, temp/rh/disp | 1508 A1022 | 1 | \$1,016.89 | 38\% | \$630.47 |
| IAQ-WNV-TRH-R-D | vulcain (HoNEYWELL ANALYTIC IAQPoint voc mon, wall, network, TEMP/RH/RELY/DISP | 1508 A1024 | 1 | \$1,040.00 | 38\% | \$644.80 |
| IR-F9-R134A | vulcain (honerwell analytic stand-alone infrared ref det for ri34a | M-700138 | 1 | \$3,174.86 | 38\% | \$1,968.41 |
| IR-F9-R22 | VuLCain (HONEYWELL ANALYTIC STAND-ALONE InfRared ref det for r22 | M-700137 | 1 | \$3,174.86 | 38\% | \$1,968.41 |
| IR-F9-R404A | VULCAIN (Honerwell analytic stand-Alone infrared ref det for ra04A | M-700139 | 1 | \$3,174.86 | 38\% | \$1,968.41 |
| IR-F9-R407A | Vulcain (honerwell analytic stand-alone infrared ref det for ra07a | M-700061 | 1 | \$3,174.86 | 38\% | \$1,968.41 |
| IR-F9-R410A | Vulcain (honerwell analytic stand-alone infrared ref det for ratio | M-700081 | 1 | \$3,174.86 | 38\% | \$1,968.41 |
| IR-F9-R422D | VULCAIN (Honerwell analytic stand-alone infrared ref det for raz2d | M-700031 | 1 | \$3,174.86 | 38\% | \$1,968.41 |
| IR-F9-R507A | vulcain (honerwell analytic stand-alone infrared ref det for reota | M-700140 | 1 | \$3,174.86 | 38\% | \$1,968.41 |
| NIOSHSCBA | VULCAIN (HONEYWELL ANALYTIC SEL-CONTAINED BREATHING APPARATUS | 77777 | 1 | \$4,879.64 | 38\% | \$3,025.38 |
| RP | VULCAIN (HONEYWELL ANALYTIC RELAY PLUG | M-600008 | 1 | \$488.58 | 38\% | \$302.92 |
| S301D2CO | VULCAIN (HONEYWELL ANALYTIC REPLACEMENT CO SENSOR | 129431-L3 | 1 | \$1,182.33 | 38\% | \$733.04 |
| S301D2N02 | VULCCAIN (HONEYWELL ANALYTIC REMOTE NO2 SENSOR | 129432-L3 | 1 | \$1,526.98 | 38\% | \$946.73 |
| scba-walcase | vulcain (honerwell analytic alum Case deluxe storage unit for single nioshscba | 83219 | 1 | \$1,596.88 | 38\% | \$990.07 |
| TP1-M | VULCAIN (HONEYWELL ANALYTIC 2 -Wire flush mt co Sensor | M-503340 | 1 | \$901.00 | 38\% | \$558.62 |
| uckgmt | vulcain (HoneYwell analytic gmt calbration plug adapter | M-501080 | 1 | \$54.20 | 38\% | \$33.60 |
| va301C | VULCAIN (HONEYWELL ANALYTIC GAS detection Controler | M-505640 | 1 | \$3,441.51 | 38\% | \$2,133.74 |
| VA301C-DLC | VULCAIN (HONEYWELL ANALYTIC GAS detection Controler w/ Dataloging | M-504801 | 1 | \$4,872.37 | 38\% | \$3,020.87 |
| VA301EM | VULCAIN (HONEYWELL ANALYTIC EXPANSION MODULE, 4 RELAYS, 4-20MA OUT | M-512426 | 1 | \$3,169.87 | 38\% | \$1,965.32 |
| VA301EM-RFSA | VULCAIN (HONEYWELL ANALYTIC EXP. MODULE, 4 RELAYS, 4-20MA OUT, STROBE \& HORN | M-512428 | 1 | \$4,035.59 | 38\% | \$2,502.07 |
| VA3011RFSR11 | vulcain (honerwell analytic ri1 Sensor | M-505416 | 1 | \$3,274.36 | 38\% | \$2,030.10 |
| va3011RFSR123 | VuLCAIN (HoneYwell analytic r123 Sensor | M-505413 | 1 | \$3,274.36 | 38\% | \$2,030.10 |
| va3011RFSR125 | VULCAIN (HONEYWELL ANALYTIC R125 SENSOR | M-505414 | 1 | \$3,274.36 | 38\% | \$2,030.10 |
| VA301IRFSSR134A | vulcain (honerwell analytic r134A Sensor | M-505415 | 1 | \$3,274.37 | 38\% | \$2,030.11 |
| VA3011RFSR22 | VULCAIN (HoNerwell analytic r22 Sensor | M-505418 | 1 | \$3,274.36 | 38\% | \$2,030.10 |
| 14121-000 | VYNCKIER ENCLOSURE SYSTEMS Polycarbonate enclosure w/ Clear cover | VM553CTK (Bid\# 212526) | 1 | \$64.00 | 38\% | \$39.68 |
| 206-124 | WAGO WIRE CUTTING AND STRIPPING TOOL (34-8 AWG) | 206-124 | 1 | \$359.00 | 38\% | \$222.58 |
| 222-412 | WAGO 2 - CONDUCTOR CONNECTOR 50 pc box | 0222-412/K194-4045 | 1 | \$32.00 | 38\% | \$19.84 |
| 222-4123 | WAGO 2 - CONDUCTOR CONNECTOR 350 PC. JaR | 222-412/PW05-0350 | 1 | \$202.80 | 38\% | \$125.74 |
| 222-413 | Wago Clamp Style Wire Nut 3 Conductors PKG50 | 222-413/K194-4045 | 1 | \$38.00 | 38\% | \$23.56 |
| 222-413] | WAGO 3 - CONDUCTOR CONNECTOR 250 PC. JaR | 222-413]/PW05-0250 | 1 | \$222.00 | 38\% | \$137.64 |
| 222-415 | WAGO Clamp Style Wire Nut 5 Conductors PKG40 | 222-415/K194-4045 | 1 | \$49.00 | 38\% | \$30.38 |
| 222-415] | WAGO 5 - CONDUCTOR CONNECTOR 150 PC. JaR | 222-415]/PW05-0150 | 1 | \$184.00 | 38\% | \$114.08 |
| 773-173 | WaGo Red Wall Nut 3 Conductors PKG50 | 773-173 | 1 | \$30.00 | 38\% | \$18.60 |
| 773-332 | WAGO Wall Nut Carrier PKG50 | 773-332 | 1 | \$58.00 | 38\% | \$35.96 |
| 852-103 | WAGO ETHERNET SWITCH, 8 PORT + 2 FIBER OPTIC PORTS | 852-103 | 1 | \$1,230.00 | 38\% | \$762.60 |
| 852-104 | WAGO MANAGED ENET SW, DIN 7 PORT + 2 Fiber optic Ports | 852-104 | 1 | \$3,353.00 | 38\% | \$2,078.86 |
| 852-111 | WAGO din rail mount ethernet Switch, 5 PORT | 852-111 | 1 | \$257.50 | 38\% | \$159.65 |
| 852-112 | WAGO DIN RAIL MOUNT ETHERNET SWITCH, 8 Port | 852-112 | 1 | \$509.00 | 38\% | \$315.58 |
| 852-201/107-002 | WAGO SFP MODULE FOR MULTT-MODE FIBER OPTIC | 852-201/107-002 | 1 | \$365.00 | 38\% | \$226.30 |
| 852-201/107-030 | WAGO SFP MODULE FOR SINGLE-MODE FIBER OPTIC | 852-201/107-030 | 1 | \$629.00 | 38\% | \$389.98 |
| AS-100-A | WATT STOPPER, LLGRAND AUTO CNTRL SWTCH, ALMD, 120/277 VAC, NO NTRL REQD | AS-100-A | 1 | \$158.86 | 38\% | \$98.49 |
| AS-100-A-P | WATT STOPPER, LEGRAND AUTOMATED SWEEP SWITCH ALMOND W/PLATE | KELE KIT | 1 | \$144.00 | 38\% | \$89.28 |
| AS-100-I | WATT STOPPER, LEGRAND AUTO CNTRL SWTCH, IVYY, $120 / 277$ VAC, NO NTRL REQD | AS-100-I | 1 | \$158.86 | 38\% | \$98.49 |

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A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts. The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
B. Audio-Video equipment or systems (e.g. smart boards, projectors, studio broadcasting, conference rooms, video video conferencing equipment, Theatre Screens Displays, etc.)

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used:
A. To communicate fire or health and safety emergencies directly and solely to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.

|  | Wantacturer ${ }^{\text {a }}$ | ac | "Warrant Period - \# o y year(s) after |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | ${ }^{\text {as required }}$ Clase ${ }^{\text {che }}$ | List Price | \% Discount | NYS Nat Price |
| J120K-455 | WILSON MOHR/GEORGE S EDWA 1/4IN FNPT/BUNA DPHRM/SETPNT RNG/5 to 80 | J120K-455 | 1 | \$2,188.31 | 38\% | \$1,356.75 |
| J120K-456 | WILSON MOHR/GEORGE S EDWA 1/4IN FNPT/BUNA DPHRM/SETPNT RNG/2 to 20 | J120K-456 | 1 | \$2,188.31 | 38\% | \$1,356.75 |
| J120K-457 | WILSON MOHR/GEORGE S EDWA 1/4IN FNPT/BUNA DPHRM/SETPNT RNG/3 to 30 | J120K-457 | 1 | \$2,188.31 | 38\% | \$1,356.75 |
| J120-540 | WILLSON MOHR/GEORGE S EDWA 1/8IN FNPT/BUNA DPHRM/SETPNT RNG/0.2 to 7 | J120-540 | 1 | \$2,987.74 | 38\% | \$1,852.40 |
| J120-541 | WILSON MOHR/GEORGE S EDWA 1/8IN FNPT/BUNA DPHRM/SETPNT RNG/1 to 20 | J120-541 | 1 | \$2,987.74 | 38\% | \$1,852.40 |
| J120-542 | WILSON MOHR/GEORGE S EDWA 1/8IN FNPT/BUNA DPHRM/SETPNT RNG/5 to 50 | J120-542 | 1 | \$2,987.74 | 38\% | \$1,852.40 |
| J1200-543 | WILSON MOHR/GEORGE S EDWA 1/8IN FNPT/BUNA DPHRM/SETPNT RNG/10 to 200 | J120K-543 | 1 | \$2,987.74 | 38\% | \$1,852.40 |
| J120-544 | WILSON MOHR/GEORGE S EDWA 1/8IN FNPT/BUNA DPHRM/SETPNT RNG/2 to 20 | J120-544 | 1 | \$2,839.17 | 38\% | \$1,760.29 |
| J120-545 | WILSON MOHR/GEORGE S EDWA 1/8IN FNPT/BUNA DPHRM/SETPNT RNG/5 to 50 | J120-545 | 1 | \$2,839.17 | 38\% | \$1,760.29 |
| J120-546 | WILSON MOHR/GEORGE S EDWA 1/8IN FNPT/BUNA DPHRM/SETPNT RNG/10 to 125 | J120-546 | 1 | \$2,839.17 | 38\% | \$1,760.29 |
| J120-547 | WILSON MOHR/GEORGE S EDWA 1/8IN FNPT/BUNA DPHRM/SETPNT RNG/50 to 250 | J120-547 | 1 | \$2,839.17 | 38\% | \$1,760.29 |
| J120-548 | WILSON MOHR/GEORGE S EDWA 1/8IN FNPT/BUNA DPHRM/SETPNT RNG/100 to 500 | J120-548 | 1 | \$2,839.17 | 38\% | \$1,760.29 |
| J120-559 | WILSON MOHR/GEORGE S EDWA 1/8IN ENPT/BUNA DPHRM/SETPNT RNG/10 to 100 | ग1200-559 | 1 | \$2,317.43 | 38\% | \$1,436.81 |
| J120k-S147B | WILSON MOHR/GEORGE S EDWA 1/2IN FNPT/WLD316L SS BLWS/3 to 30 | J120k-S147B | 1 | \$3,404.37 | 38\% | \$2,110.71 |
| J120K-S157B | WILSON MOHR/GEORGE S EDWA 1/2IN FNPT/WLD316L SS BLWS/10 to 100 | J120k-S157B | 1 | \$3,404.37 | 38\% | \$2,110.71 |
| 24.013 | WILSON MOHR/GEORGE S EDWA DELTA-PRO PRESSURE SW. 1-10PSI | 24-96162 | 1 | \$199.33 | 38\% | \$123.58 |
| 24-013-C | WILSON MOHR/GEORGE S EDWA DELTA-PRO PRESSURE SWITCH - Custom | KELE BOM | 1 | \$218.37 | 38\% | \$135.39 |
| 24-014 | WILSON MOHR/GEORGE S EDWA DELTA-PRO PRESSURE SW. 4-45PSI | 24-96169 | 1 | \$202.94 | 38\% | \$125.82 |
| 24-014-C | WILSON MOHR/GEORGE S EDWA DELTA-PRO PRESSURE SWITCH - Custom | kele bom | 1 | \$218.37 | 38\% | \$135.39 |
| $24-020$ | WILSON MOHR/GEORGE S EDWA 1-10 PSI SPDT PRESSURE SWITCH | 24020 | 1 | \$285.73 | 38\% | \$177.15 |
| C500-47925 | WILSON MOHR/GEORGE S EDWA 2in 30in TO 60 PSI GAUGEA | C500-047925A | 1 | \$38.00 | 38\% | \$23.56 |
| H100-15623 | WILSON MOHR/GEORGE S EDWA P P SW, 316SS,1/4 NPT F,500PSI, 20-200WC,ADJ dBAND SW | H100-15623 | 1 | \$726.67 | 38\% | \$450.54 |
| H100-15731 | WILSON MOHR/GEORGE S EDWA P SW, NI BRAS,1/4 NPT F, 500PSI,3-30WC,ADJ DBAND | H100-15731 | 1 | \$642.21 | 38\% | \$398.17 |
| H100-15732 | WIISON MOHR/GEORGE S EDWA P SW, NI BRAS,1/4 NPT F, 500PSI,5-100WC,ADJ DBAND | H100-15732 | 1 | \$642.21 | 38\% | \$398.17 |
| H100-15733 | WIILSON MOHR/GEORGE S EDWA P SW, NI BRAS,1/4 NPT F, 500PSL,9-300WC,ADJ DBAND | H100-15733 | 1 | \$642.21 | 38\% | \$398.17 |
| H100-15734 | WILSON MOHR/GEORGE S EDWA P SW, NI BRAS, $1 / 4$ NPT F, $15000 P S$ I,15-500WC,ADJ JBAND | H100-15734 | 1 | \$642.21 | 38\% | \$398.17 |
| H100-15735 | WILSON MOHR/GEORGE S EDWA P P SW, NI RRAS,1/4NPT F,1500PSI,30-1000WC,ADJ DBAND | H100-15735 | 1 | \$642.21 | 38\% | \$398.17 |
| H100-15736 |  | H100-15736 | 1 | \$642.21 | 38\% | \$398.17 |
| H100-15737 | WILSON MOHR/GEORGE S EDWA P P SW, 1/2IN NPT F,200PSI,50VAC-50 WC, ADJ DBAND SW | H100-15737 | 1 | \$1,224.25 | 38\% | \$759.04 |
| H100-15884 | WILSON MOHR/GEORGE S EDWA P PW, $30355,1 / 4$ NPT F,6000PSI,700-5000WC,ADJ DBAND | H100-15884 | 1 | \$861.75 | 38\% | \$534.29 |
| H100-171 | WILSON MOHR/GEORGE S EDWA P SW, WELD 316LSS,1/2IN NPT F,500PSI,1-20 WC NACE | H100-171 | 1 | \$949.73 | 38\% | \$588.83 |
| H100-172 | WILLSON MOHR/GEORGE S EDWA P SW, WELD 316LSS, $1 / 2$ ITN NPT F,500PS, 2 -50 WC NACE | H100-172 | 1 | \$949.73 | 38\% | \$588.83 |
| H100-173 | WILSON MOHR/GEORGE S EDWA P P SW, WELD 316LSS,1/2IN NPT F,500PSI,4-100 WC NACE | H100-173 | 1 | \$949.73 | 38\% | \$588.83 |
| H100-174 | WILSON MOHR/GEORGE S EDWA P SW, WELD 316LSS,1/2IN NPT F,500PSI,8-200 WC NACE | H100-174 | 1 | \$949.73 | 38\% | \$588.83 |
| H100-183 | WILSON MOHR/GEORGE S EDWA P SW, 316L SS, $1 / 2$ IN NPT F,500PSI, 1 -20 WC | H100-183 | 1 | \$1,243.76 | 38\% | \$771.13 |
| H100-184 | WILSON MOHR/GEORGE S EDWA P SW, 316L SS,1/2IN NPT F,500PSI,2-50 WC | H100-184 | 1 | \$1,243.76 | 38\% | \$771.13 |
| H100-185 | WILSON MOHR/GEORGE S EDWA P SW, 316L SS,1/2IN NPT F,500PSI, 4-100 WC | H100-185 | 1 | \$1,243.76 | 38\% | \$771.13 |
| H100-186 | WILSON MOHR/GEORGE S EDWA P SW, 316L SS,1/2IN NPT F,500PSI, 8-200 WC | H100-186 | 1 | \$1,243.76 | 38\% | \$771.13 |
| H100-188 | WILSON MOHR/GEORGE S EDWA P PW, 316L SS,1/2IN NPT F,2000PS, $50-1000$ WC, NACE | H100-188 | 1 | \$799.65 | 38\% | \$439.98 |
| H100-189 | WILSON MOHR/GEORGE S EDWA P SW, 316L SS,1/2IN NPT F,4000PPI,250-3500WC, NACE | H100-189 | 1 | \$799.65 | 38\% | \$439.98 |
| H100-190 | WILSON MOHR/GEORGE S EDWA P SW, WELD 316LSS,1/2IN NPT F,1500PSI,5-30 WC,NACE | H100-190 | 1 | \$534.11 | 38\% | \$331.15 |
| H100-191 | WILSON MOHR/GEORGE S EDWA P P SW, WELD316LSS,1/2IN NPT F,1500PSI, 10-100WC,NACE | H100-191 | 1 | \$534.11 | 38\% | \$331.15 |
| H100-192 | WILSON MOHR/GEORGE S EDWA P SW, WELD316LSS,1/2IN NPT F,1500PSI, 15-300WC,NACE | H100-192 | 1 | \$534.11 | 38\% | \$331.15 |
| H100-193 | WILSON MOHR/GEORGE S EDWA P SW, WELD316LSS,1/2IN NPT F,1500PSS, 20-500WC,NACE | H100-193 | 1 | \$534.11 | 38\% | \$331.15 |
| H100-194 | WILSON MOHR/GEORGE S EDWA P SW,WELD316LSS,1/2IN NPT F,2000PSI, 80-1700WC,NACE | H100-194 | 1 | \$534.11 | 38\% | \$331.15 |
| H100-218 |  | H100-218 | 1 | \$503.60 | 38\% | \$312.23 |
| H100-270 | WILSON MOHR/GEORGE S EDWA P SW, NI BRASS,1/4IN NPT F,200 PSI, 4 -200 WC | H100-270 | 1 | \$503.60 | 38\% | \$312.23 |
| H100-274 | WILSON MOHR/GEORGE S EDWA P PW, NI BRASS,1/4IN NPT F,300 PSI,, -300 WC | H100-274 | 1 | \$503.60 | 38\% | \$312.23 |
| H100-358 | WILSON MOHR/GEORGE S EDWA P SW, WELD 316L SS, 1/4IN NPT F, 200PSI, 10-200WC | H100-358 | 1 | \$726.67 | 38\% | \$450.54 |
| H100-361 | WILSON MOHR/GEORGE S EDWA P SW, WELD 316L SS, 1/4IN NPT F, 300PSI, 20-300WC | H100-361 | 1 | \$726.67 | 38\% | \$450.54 |
| H100-376 | WILSON MOHR/GEORGE S EDWA P SW, WELD 316L SS, 1/4IN NPT F, 500PSI, 25-500WC | H100-376 | 1 | \$726.67 | 38\% | \$450.54 |
| H100-483 | WILSON MOHR/GEORGE S EDWA P SW, 316L SS,1/2IN NPT F,500PSI,1-20WC, 0.060RIFI | H100-483 | 1 | \$1,243.76 | 38\% | \$771.13 |
| H100-484 | WILSON MOHR/GEORGE S EDWA P SW, 316L SS,1/2IN NPT F,500PSI,2-50WC,0.060RIII | H100-484 | 1 | \$1,243.76 | 38\% | \$771.13 |
| H100-485 | WILSON MOHR/GEORGE S EDWA P SW, 316L SS,1/2IN NPT F,500PS, 4 -4-100WC,0.060RIFI | H100-485 | 1 | \$1,243.76 | 38\% | \$771.13 |
| H100-486 | WILSON MOHR/GEORGE S EDWA P SW, 316L SS,1/2IN NPT F,500PS,, -200wC, 0.060 RIFI | H100-486 | 1 | \$1,243.76 | 38\% | \$771.13 |
| H100-488 | WILSON MOHR/GEORGE S EDWA P SW, 316L SS, 1/2IN NPT F,2000PSI,50-1000WC,0.060R | H100-488 | 1 | \$709.65 | 38\% | \$439.98 |
| H100-489 | WILSON MOHR/GEORGE S EDWA P SW, 316LSS, 1/2IN NPT F,4000PSI,250-3500WC,0.060R | H100-489 | 1 | \$799.65 | 38\% | \$439.98 |
| H100-490 | WILSON MOHR/GEORGE S EDWA P SW, WELD 316L SS, 1/2IN NPT F, 1500PSI, 5-30 WC | H100-490 | 1 | \$534.11 | 38\% | \$331.15 |
| H100-491 | WILSON MOHR/GEORGE S EDWA P PW, WELD 316L SS, 1/2IN NPT F, 1500PSI, 10-100WC | H100-491 | 1 | \$534.11 | 38\% | \$331.15 |
| H100-492 | WILSON MOHR/GEORGE S EDWA P PW, WELD 316L SS, 1/2IN NPT F, 1500PSI, 15-300WC | H100-492 | 1 | \$534.11 | 38\% | \$331.15 |
| H100-493 | WILSON MOHR/GEORGE S EDWA P SW, WELD 316L SS, 1/2IN NPT F, 1500PSI, 20-500WC | H100-493 | 1 | \$534.11 | 38\% | \$331.15 |
| H100-494 | WILSON MOHR/GEORGE S EDWA P SW, WELD 316L SS, 1/2IN NPT F, 2000PSI,80-1700WC | H100-494 | 1 | \$534.11 | 38\% | \$331.15 |
| H100-520 | WILSON MOHR/GEORGE S EDWA P SW, BUNA N, AL, 1/2IN NPT F, 200PSI, 300VAC-0 WC | H100-520 | 1 | \$1,071.32 | 38\% | \$664.22 |
| H100-521 | WILSON MOHR/GEORGE S EDWA P SW, BUNA N, AL, 1/IIN NPT F, 200PSI, 10VAC-10 WC | H100-521 | 1 | \$1,071.32 | 38\% | \$664.22 |
| H100-522 | WILSON MOHR/GEORGE S EDWA P SW, BUNA N, AL, 1/2IN NPT F, 200PSI, 50VAC-50 WC | H100-522 | 1 | \$1,071.32 | 38\% | \$664.22 |
| H100-523 | WILSON MOHR/GEORGE S EDWA P PW, BUNA N, AL, 1/2IN NPT F, 200PSI, 0.5-5.0 WC | H100-523 | 1 | \$1,071.32 | 38\% | \$664.22 |
| H100-524 | WILSON MOHR/GEORGE S EDWA P SW, BUNA N, AL, 1/2IN NPT F, 200PSI, 2.5-50 WC | H100-524 | 1 | \$1,071.32 | 38\% | \$664.22 |
| H100-525 | WILSON MOHR/GEORGE 5 EDWA P SW, BUNA N, AL, 1/2IN NPT F, 2009PSI, $10-250 \mathrm{WC}$ | H100-525 | 1 | \$1,071.32 | 38\% | \$664.22 |
| H100-530 | WILSON MOHR/GEORGE S EDWA P SW, WELD 316L SS, $1 / 2$ İ NPT F, 50PSI 300VAC-0 WC | H100-530 | 1 | \$1,845.09 | 38\% | \$1,143.96 |
| H100-531 | WILSON MOHR/GEORGE S EDWA P SW, WELD 316L SS, 1 /2IN NPT F, 50PSI $10 \mathrm{VVAC}-10 \mathrm{WC}$ | H100-531 | 1 | \$1,845.09 | 38\% | \$1,143.96 |
| H100-532 | WILSON MOHR/GEORGE S EDWA P SW, WELD 316L SS, 1/2IN NPT F, 50PSI 50VAC-50 WC | H100-532 | 1 | \$1,845.09 | 38\% | \$1,143.96 |
| H100-533 | WILSON MOHR/GEORGE S EDWA P SW, WELD 316L SS, 1/2IN NPT F, 50PSI 0.5-5.0 WC | H100-533 | 1 | \$1,845.09 | 38\% | \$1,143.96 |
| H100-534 | WIILON MOHR/GEORGE S EDWA P SW, WELD 316L SS, 1/2IN NPT F, 50PSI 2.5 -50 WC | H100-534 | 1 | \$1,845.09 | 38\% | \$1,143.96 |
| H100-535 | WILSON MOHR/GEORGE S EDWA P SW, WELD 316L SS, 1/2IN NPT F, 5 SPSI $10-250$ WC | H100-535 | 1 | \$1,845.09 | 38\% | \$1,143.96 |
| H100-565 | WILSON MOHR/GEORGE S EDWA P SW, 1.5IN SANITARY WELD 316LSS, 1000PSI, 5-30 WC | H100-565 | 1 | \$905.74 | 38\% | \$561.56 |
| H100-566 | WILSON MOHR/GEORGE S EDWA P SW, 1.5IN SANITARY WELD 316LSS, $1000 \mathrm{PSI}, 10-100$ WC | H100-566 | 1 | \$905.74 | 38\% | \$561.56 |
| H100-567 | WILSON MOHR/GEORGE S EDWA P SW, 1.5IN SANITARY WELD 316LSS, 1000PSI,15-300 WC | H100-567 | 1 | \$905.74 | 38\% | \$561.56 |
| H100-610 | WILSON MOHR/GEORGE S EDWA P SW, 303 SS, 1/4 IN NPT F, 6000 PSI, $75-1000 \mathrm{WC}$ | H100-610 | 1 | \$625.20 | 38\% | \$387.62 |
| H100-612 | WILSON MOHR/GEORGE S EDWA P SW, 303 SS, 1/4 IN NPT F, 6000PSI, 125-3000WC | H100-612 | 1 | \$625.20 | 38\% | \$387.62 |
| H100-616 | WILSON MOHR/GEORGE S EDWA P SW, 303 SS, 1/4 IN NPT F, 6000PSI, 700-5000WC | H100-616 | 1 | \$625.20 | 38\% | \$387.62 |
| H100-680 | WILSON MOHR/GEORGE S EDWA P SW, 316L SS,1/4 In NPT F, 1700PSI, 100-1700 WC | H100-680 | 1 | \$939.56 | 38\% | \$582.53 |
| H100-701 | WIISON MOHR/GEORGE S EDWA P SW, BUNA N,NI BRAS, $1 / 4 /$ IT NPT F,500PSI, 1.5-30 WC | H100-701 | 1 | \$422.47 | 38\% | \$261.93 |
| H100-702 | WILSON MOHR/GEORGE S EDWA P SW, BUNA N,NI BRAS,1/4IN NPT F,500PSI, 3 -100 WC | H100-702 | 1 | \$422.47 | 38\% | \$261.93 |
| H100-703 | WILSON MOHR/GEORGE S EDWA P SW, BUNA N,NI BRAS,1/4IN NPT F,500PSI, 9 -300 WC | H100-703 | 1 | \$422.47 | 38\% | \$261.93 |
| H100-704 | WILLSON MOHR/GEORGE S EDWA P SW, BUNA N,NI BRAS,1/4IN NPT F,1500PSI, 15-500WC | H100-704 | 1 | \$422.47 | 38\% | \$261.93 |
| H100-705 | WILSON MOHR/GEORGE S EDWA P SW, BUNA N,NI BRAS,1/4 NPT F,1500PSI, 30-1000WC | H100-705 | 1 | \$422.47 | 38\% | \$261.93 |
| H100-706 | WILSON MOHR/GEORGE S EDWA P PW, BUNA N,NI BRAS,1/4 NPT F,2000PSI, 100-1700WC | H100-706 | 1 | \$422.47 | 38\% | \$261.93 |
| J21k-127 | WILSON MOHR/GEORGE S EDWA DIFF PRES SW, BRASS, 15PSI, 1/4IN NPT FEMALE | J21K-127 | 1 | \$1,148.62 | 38\% | \$712.14 |
| J21K-140 | WILSON MOHR/GEORGE S EDWA DIFF PRES SW, BRASS, 6PSI, 1/4IN NPT FEMALE | J21K-140 | 1 | \$906.57 | 38\% | \$562.07 |
| J21K-150 | WILSON MOHR/GEORGE S EDWA Diff Pres sw, BRASS, 40PSI, 1/4IN NPT FEMALE | J21K-150 | 1 | \$906.57 | 38\% | \$562.07 |
| J21K-16020 | WILLSON MOHR/GEORGE S EDWA DIfF PRES SW, BRASS, 125PSI, 1 /4IN NPT FEMALE | J21k-16020 | 1 | \$1,162.80 | 38\% | \$720.94 |
| J21K-16021 | WILSON MOHR/GEORGE S EDWA DIFF PRES SW, 316L SS, 125PSL, 1/2IN NPT FEMALE | J21k-16021 | 1 | \$1,806.67 | 38\% | \$1,120.14 |
| J21k-232 | WILSON MOHR/GEORGE S EDWA Diff Pres sw, Bronze, 25PSI, 1/4IN NPT FEMALE | J21k-232 | 1 | \$661.72 | 38\% | \$410.27 |
| J21-254 | WILSON MOHR/GEORGE S EDWA DIFF PRES SW, BRONZE, 90PSI, 1/4IN NPT FEMALE | J21-254 | 1 | \$661.72 | 38\% | \$410.27 |
| J21k-357 | WILSON MOHR/GEORGE S EDWA DIFF PRES SW, 316L SS, 7OPSI, 1/4IN NPT FEMALE | J21k-357 | 1 | \$1,065.02 | 38\% | \$660.31 |
| 321K-S127B | WILSON MOHR/GEORGE S EDWA diff PRES SW, 316L SS, 15PSI, 1/İIN NPT FEMALE | J211-S1278 | 1 | \$1,905.60 | 38\% | \$1,181.47 |
| J21K-S140B | WILSON MOHR/GEORGE S EDWA Diff PRES SW, 316L SS, 6PSI, 1/2IN NPT FEMALE | J21K-S140B | 1 | \$1,905.60 | 38\% | \$1,181.47 |
| J21K-S150B | WILSON MOHR/GEORGE S EDWA DIFF PRES SW, 316L SS, 300PSI, 1/2IN NPT FEMALE | ${ }^{\text {J21K-S150B }}$ | 1 | \$1,905.60 | 38\% | \$1,181.47 |
| J54-24 | WILSON MOHR/GEORGE S EDWA PRESSURE SWITCH, 3 -30 PSI | J54-24 | 1 | \$208.14 | 38\% | \$129.05 |
| J5-25 | WILSON MOHR/GEORGE S EDWA PRESSURE SWITCH, 10-100 PSI | J5-25 | 1 | \$208.14 | 38\% | \$129.05 |
| J54-27 | WILSON MOHR/GEORGE S EDWA PRESSURE SWITCH, $30-300$ PSI | J54-27 | 1 | \$218.14 | 38\% | \$135.25 |
| J54-28 | WILSON MOHR/GEORGE S EDWA PRESSURE SWITCH, $50-500$ PSI | J54-28 | 1 | \$223.12 | 38\% | \$138.33 |
| P500-47494 | WILSON MOHR/GEORGE S EDWA 0-1000 PSI GAUGE, 1/4in LM | P500-047494A | 1 | \$39.31 | 38\% | \$24.37 |
| 010115-000 | WILSON MOHR/GEORGE S EDWA DIN RAIL ADAPTER FOR T-1000 | 010-115-000 | 1 | \$24.35 | 38\% | \$15.10 |
| T-1000 | WILLSON MOHR/GEORGE S EDWA TRANSDUCER 4-20mA 3-15PSI | 961-070-000 | 1 | \$844.80 | 38\% | \$523.78 |

The scope of this contract includes the following:

1. Building Automation System (BAS) which is a computerized system, operating on certain communications protocols (e.g. BACNet, LonTalk, Modbus, etc.) which manages, controls, and is integrated with the Integrated Microprocessor-Controlled HVAC Equipment in a building or faciilit. Building Management Systems and Building Control Systems are also subcategories of Building Automation Systems.
2. Integrated Microprocessor-Controlled HVAC Equipment such as Chillers, Rooftop Units, Boilers, Air Handlers, fan coil, unit ventilator, heat pump, remote I/O modules, etc. which are Factory-Mounted Inctill Provided Microprocessor-Controlled, requiring technical skill to program, integrate, and
commission and which are integrated with the BuildingAutomation Systems or Energy Management System to allow the Building Automation System or Energy Management System to monitor the performance of these products by the authorized user.
. Integrated BAS/EMS/Integrated Microprocessor-Controlled HVAC Equipment shall means that the fire alarm system, cetv system, or access control system is integrated to the BAS/EMS/Integrated Microprocessor Controlled HVAC Equipment using a device including, but not limited to, a router, gateway, FireAlarm Interface Pan platforms/systems.
3. Testing and Balancing of HVAC Systems shall be when an independent vendor, which:
a) Is certified by either the Associated Air Balance Council Bureau - AABC, Los Angeles, Cal. 90026 or by National Environmental Balancing Bureau - NEBB, Arlington, Va. 22209 ,
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment installation, systems integration, or maintenance; and
b) Is an approved subcontractor to a contractor providing Integrated Microprocessor-Controlled HVAC Equipment, installation, systems integration, or maintenance; and
c) As part of the and in conjunction with the contractor providing the aforementioned installation, systems integration, or maintenance of Integrated Microprocessor-Based HVAC Equipment

The scope of this contract does not include:

1. Plumbing systems This contract does not include the assembly, installation and repair of pipes, fittings, and fixtures of sewer/waste, water, and drainage systems and plumbing fixtures, such as sinks, commodes, bathtubs owers, water fountains, water heaters hot water tanks, garbage disposal
units, dishwashers, and water softeners. The repair and maintenance of plumbing by replacing washers in leaky faucets, mending burst pipes, and opening clogged drains is not allowed.
A. Factory Installed/Factory-Provided micro-processor--controlled included/controlled), or
B. Which are not integrated with the Building Automation Systems or Energy Management Systems,

Cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. must only be purchased from these contracts if used in conjunction with the physical security and facility system and solutions being purchased under these contracts.
The contract does not allow for cable (coaxial \& fiber optic), wire, conduit, steel boxes, hangers, etc. to be purchased from these contracts for any other purposes, including, but not limited to
A. Gene. Purpse in,

A physical security and facility system includes an emergency telephone system or pbx system expressly and solely used
A. To communicate fire or health and safety emergencies directly and solety to law enforcement organizations, or
B. To identify an individual(s)' location in the event of a fire or emergency.


| Model Number | Product Description | List Price | \% Discount | NYS Net Price |
| :---: | :---: | :---: | :---: | :---: |
| HVAC Field Technician: | Responsible for retrofit and repair of environmental- comfort systems, utilizing knowledge of air conditioning theory, pipe fitting, and mechanical layouts. | \$284.22 | 50\% | \$142.11 |
| Project Engineer - Controls: | Performs hardware and software design activities for building automation systems. Applies engineering principles and practices for work on assigned projects. Designs cost effective control solutions to meet project requirements. Works directly on the project team to assist the Project Manager with project commissioning. | \$237.68 | 50\% | \$118.84 |
| Project Engineer - Energy: | Performs technical analysis, review, measurement, and verification of financially guaranteed projects. Provides technical analysis and review for performance monitoring or contracts, and applies engineering principles and practices on assigned projects. | \$363.48 | 50\% | \$181.74 |
| Project Manager -Controls: | Manages all aspects of HVAC control projects, from beginning to end, with direct responsibility for project execution while leading a team, or teams, to accomplish specific objectives in a given time frame and with available resources. Responsible for the administration, implementation, and management of HVAC control projects. Ensures assigned projects' scope of work, schedule, and budget are achieved. | \$289.70 | 50\% | \$144.85 |
| Project Manager - Contracts: | Manages all aspects of HVAC contract projects, from beginning to end, with direct responsibility for project execution while leading a team, or teams, to accomplish specific objectives in a given time frame and with available resources. Responsible for the administration, implementation, and management of control projects. Accountable for assigned projects' scope of work, schedule, and budget. | \$300.22 | 50\% | \$150.11 |
| Controls Technician: | Performs more complex commissioning, diagnosis, and repair of environmental-control systems, utilizing knowledge of electronics, direct digital control, airflow, hydronics, refrigeration theory, and control techniques. | \$284.92 | 50\% | \$142.46 |
| Engineer I | Subcontract Labor - Performs basic engineering functions | \$172.06 | 50\% | \$86.03 |
| Engineer II | Subcontract Labor - Performs intermediate engineering functions | \$198.72 | 50\% | \$99.36 |


| Model Number | Product Description |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | List Price | \% Discount | NYS Net Price |
| Engineer III | Subcontract Labor - Performs higher level engineering functions | \$228.76 | 50\% | \$114.38 |
| Engineer IV | Subcontract Labor - Performs advanced technical applications | \$288.26 | 50\% | \$144.13 |
|  | Subcontract Labor - Performs advanced technical applications and is a |  |  |  |
|  | licensed engineer or architect able to stamp and approve plans and |  |  |  |
| Engineer V | specifications under NYS law | \$450.00 | 50\% | \$225.00 |

LOTs 2/3: Region 1,2
MECHANICAL MAINTENANCE LABOR RATES - testing, inspection, maintenance, repair, and replacement of mechanical systems/equipment, etc

|  | Priority Emergency Service (8am-5pm) |  | Priority Emergency Servcie After Business Hours (5pm-8am) |  | Emergency Service (8am-5pm) |  | Emergency Service After Business Hours (5pm-8am) |  | Non-Emergency Service (8am-5pm) |  | Non-Emergency Service After Business Hours (5pm-8am) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Per Hour | \$ | 145.00 | \$ | 217.50 | \$ | 145.00 | \$ | 217.50 | \$ | 145.00 | \$ | 217.50 |
| Per Month | \$ | 23,200.00 | \$ | 34,800.00 | \$ | 23,200.00 | \$ | 34,800.00 | \$ | 23,200.00 | \$ | 34,800.00 |
| Per 1 Year | \$ | 278,400.00 | \$ | 417,600.00 | \$ | 278,400.00 | \$ | 417,600.00 | \$ | 278,400.00 | \$ | 417,600.00 |
| Per 2 Years | \$ | 565,152.00 | \$ | 847,728.00 | \$ | 565,152.00 | \$ | 847,728.00 | \$ | 565,152.00 | \$ | 847,728.00 |
| Per 3 Years | \$ | 851,904.00 | \$ | 1,277,856.00 | \$ | 851,904.00 | \$ | 1,277,856.00 | \$ | 851,904.00 | \$ | 1,277,856.00 |

PREVENTATIVE MAINTENANCE COST (If Applicable)

|  | $\$$ | Preventative Maintenance | Description (Indicate "See Attached" if on |
| :--- | ---: | ---: | :--- |
| Per Hour | $\$$ | 145.00 | According to manager specifications |
| Per Month | $\$$ | $23,200.00$ | According to manager specifications |
| Per 1 Year | $\$$ | $278,400.00$ | According to manager specifications |
| Per 2 Years | $\$$ | $565,152.00$ | According to manager specifications |
| Per 3 Years | $851,904.00$ | According to manager specifications |  |

MAINTENANCE FOR PRODUCTS PURCHASED OUTSIDE OF AWARD 20191

|  | Rate of Maintenance for Products Purchased outside of Award RFP 20191 |  | Inspection Cost |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Per Hour | \$ | 145.00 | \$ | 145.00 | \$ | 145.00 |
| Per Month | \$ | 23,200.00 | \$ | 23,200.00 | \$ | 23,200.00 |
| Per 1 Year | \$ | 278,400.00 | \$ | 278,400.00 | \$ | 278,400.00 |
| Per 2 Years | \$ | 565,152.00 | \$ | 565,152.00 | \$ | 565,152.00 |
| Per 3 Years | \$ | 851,904.00 | \$ | 851,904.00 | \$ | 851,904.00 |

CONTROLS MAINTENANCE LABOR RATES - testing, inspection,, maintenance, repair, and replacement of controls/sensors/valves/actuators, etc.

|  | Priority Emergency Service (8am-5pm) |  | Priority Emergency Servcie After Business Hours (5pm-8am) |  | Emergency Service (8am-5pm) |  | Emergency Service After Business Hours (5pm-8am) |  | Non-Emergency <br> Service (8am-5pm) |  | Non-Emergency Service After Business Hours (5pm-8am) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Per Hour | \$ | 150.00 | \$ | 225.00 | \$ | 150.00 | \$ | 225.00 | \$ | 150.00 | \$ | 225.00 |
| Per Month | \$ | 24,000.00 | \$ | 36,000.00 | \$ | 24,000.00 | \$ | 36,000.00 | \$ | 24,000.00 | \$ | 36,000.00 |
| Per 1 Year | \$ | 288,000.00 | \$ | 432,000.00 | \$ | 288,000.00 | \$ | 432,000.00 | \$ | 288,000.00 | \$ | 432,000.00 |
| Per 2 Years | \$ | 584,640.00 | \$ | 876,960.00 | \$ | 584,640.00 | \$ | 876,960.00 | \$ | 584,640.00 | \$ | 876,960.00 |
| Per 3 Years | \$ | 881,280.00 | \$ | 1,321,920.00 | \$ | 881,280.00 | \$ | 1,321,920.00 | \$ | 881,280.00 | \$ | 1,321,920.00 |

PREVENTATIVE MAINTENANCE COST (If Applicable)

|  | $\$$ | Preventative Maintenance | Description (Indicate "See Attached" if on |
| :--- | ---: | ---: | :--- |
| Per Hour | $\$$ | 150.00 | According to manager specifications |
| Per Month | $\$$ | $24,000.00$ | According to manager specifications |
| Per 1 Year | $\$$ | $288,000.00$ | According to manager specifications |
| Per 2 Years | $\$$ | $584,640.00$ | According to manager specifications |
| Per 3 Years | $\$$ | $881,280.00$ | According to manager specifications |


| MAINTENANCE FOR PRODUCTS PURCHASED OUTSIDE OF AWARD 20191 |
| :--- |
|  Rate of Maintenance for Products Purchased outside of <br> Award RFP 20191  |
| Per Hour |
| Per Month |
| A |

PREPAID ANNUAL MAINTENANCE DISCOUNT*
$3 \%$
COST OF MAINTENANCE REINSTATEMENT INSPECTION (IF APPLICABLE)** TRAINING PER HOUR

Class Size (Number of People)
Length of Class (Number of Hours)

Class Size (Number of People)
Length of Class (Number of Hours)

```
$145 per hour
$145
10
4 Increments
$145
    $5
    4 Increments
```

LOTs 2/3: Region 3, 4
PRODUCT, INSTALLATION, SYSTEMS INTEGRATION, and MAINTENANCE
MECHANICAL MAINTENANCE LABOR RATES - testing, inspection, maintenance, repair, and replacement of mechanical systems/equipment, etc.

|  | Priority Emergency Service (8am-5pm) | Priority Emergency Servcie After Business Hours (5pm-8am) | Emergency Service (8am-5pm) | Emergency Service After Business Hours (5pm-8am) | Non-Emergency Service (8am-5pm) | Non-Emergency Service After Business Hours (5pm-8am) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Per Hour | \$145.00 | \$217.50 | \$145.00 | \$217.50 | \$145.00 | \$217.50 |
| Per Month | \$23,200.00 | \$34,800.00 | \$23,200.00 | \$34,800.00 | \$23,200.00 | \$34,800.00 |
| Per 1 Year | \$278,400.00 | \$417,600.00 | \$278,400.00 | \$417,600.00 | \$278,400.00 | \$417,600.00 |
| Per 2 Years | \$565,152.00 | \$847,728.00 | \$565,152.00 | \$847,728.00 | \$565,152.00 | \$847,728.00 |
| Per 3 Years | \$860,506.56 | \$1,290,759.84 | \$860,506.56 | \$1,290,759.84 | \$860,506.56 | \$1,290,759.84 |

PREVENTATIVE MAINTENANCE COST (If Applicable)

|  | Preventative Maintenance | Description (Indicate "See Attached" if on |
| :--- | ---: | :--- |
| Per Hour | $\$ 145.00$ | According to manager specifications |
| Per Month | $\$ 23,200.00$ | According to manager specifications |
| Per 1 Year | $\$ 278,400.00$ | According to manager specifications |
| Per 2 Years | $\$ 565,152.00$ | According to manager specifications |
| Per 3 Years | $\$ 1,147,258.56$ | According to manager specifications |

## MAINTENANCE FOR PRODUCTS PURCHASED OUTSIDE OF AWARD 20191

|  | Rate of Maintenance for Products Purchased outside of <br> Award RFP 20191 | Inspection Cost |  |
| :--- | ---: | ---: | ---: |
| Per Hour | $\$ 145.00$ | $\$ 145.00$ |  |
| Per Month | $\$ 23,200.00$ | $\$ 145.00$ |  |
| Per 1 Year | $\$ 278,400.00$ | $\$ 23,200.00$ | $\$ 278,400.00$ |
| Per 2 Years | $\$ 565,152.00$ | $\$ 565,152.00$ | $\$ 278,400.00$ |
| Per 3 Years | $\$ 1,147,258.56$ | $\$ 1,147,258.56$ |  |

CONTROLS MAINTENANCE LABOR RATES - testing, inspection,, maintenance, repair, and replacement of controls/sensors/valves/actuators, etc.

|  | Priority Emergency Service (8am-5pm) | Priority Emergency Servcie After Business Hours (5pm-8am) | Emergency Service ( $8 \mathrm{am}-5 \mathrm{pm}$ ) | Emergency Service After Business Hours (5pm-8am) | Non-Emergency Service (8am-5pm) | Non-Emergency Service After Business Hours (5pm-8am) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Per Hour | \$150.00 | \$225.00 | \$150.00 | \$225.00 | \$150.00 | \$225.00 |
| Per Month | \$24,000.00 | \$36,000.00 | \$24,000.00 | \$36,000.00 | \$24,000.00 | \$36,000.00 |
| Per 1 Year | \$288,000.00 | \$432,000.00 | \$288,000.00 | \$432,000.00 | \$288,000.00 | \$432,000.00 |
| Per 2 Years | \$584,640.00 | \$876,960.00 | \$584,640.00 | \$876,960.00 | \$584,640.00 | \$876,960.00 |
| Per 3 Years | \$890,179.20 | \$1,335,268.80 | \$890,179.20 | \$1,335,268.80 | \$890,179.20 | \$1,335,268.80 |

PREVENTATIVE MAINTENANCE COST (If Applicable)

|  | Preventative Maintenance | Description (Indicate "See Attached" if on |
| :--- | ---: | :--- |
| Per Hour | $\$ 150.00$ | According to manager specifications |
| Per Month | $\$ 24,000.00$ | According to manager specifications |
| Per 1 Year | $\$ 288,000.00$ | According to manager specifications |


| Per 2 Years | $\$ 584,640.00$ | According to manager specifications |
| :--- | ---: | ---: |
| Per 3 Years | $\$ 1,186,819.20$ | According to manager specifications |

MAINTENANCE FOR PRODUCTS PURCHASED OUTSIDE OF AWARD 20191


COST OF MAINTENANCE REINSTATEMENT INSPECTION (IF APPLICABLE)** TRAINING PER HOUR

Class Size (Number of People) Length of Class (Number of Hours)

## $\$ 145.00$ per hour

Class Size (Number of People) Length of Class (Number of Hours) ADDITIONAL DOCUMENTATION (If Applicable)
ADVANCED TRAINING PER HOUR*
(COST PER COPY)

LOT 3: Region 5, 6
MECHANICAL MAINTENANCE LABOR RATES - testing, inspection, maintenance, repair, and replacement of mechanical systems/equipment, etc

|  | Priority Emergency Service (8am-5pm) | Priority Emergency Servcie After Business Hours (5pm-8am) | Emergency Service (8am-5pm) | Emergency Service After Business Hours (5pm-8am) | Non-Emergency <br> Service (8am-5pm) | Non-Emergency Service After Business Hours (5pm-8am) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Per Hour | \$128.00 | \$192.00 | \$128.00 | \$192.00 | \$128.00 | \$192.00 |
| Per Month | \$20,480.00 | \$30,720.00 | \$20,480.00 | \$30,720.00 | \$20,480.00 | \$30,720.00 |
| Per 1 Year | \$245,760.00 | \$368,640.00 | \$245,760.00 | \$368,640.00 | \$245,760.00 | \$368,640.00 |
| Per 2 Years | \$498,892.80 | \$748,339.20 | \$498,892.80 | \$748,339.20 | \$498,892.80 | \$748,339.20 |
| Per 3 Years | \$759,619.58 | \$1,139,429.38 | \$759,619.58 | \$1,139,429.38 | \$759,619.58 | \$1,139,429.38 |

PREVENTATIVE MAINTENANCE COST (If Applicable)

|  |  | Preventative Maintenance |
| :--- | ---: | :--- |
| Per Hour | $\$ 128.00$ | According to manager spefications |
| Per Month | $\$ 20,480.00$ | According to manager spefications |
| Per 1 Year | $\$ 245,760.00$ | According to manager spefications |
| Per 2 Years | $\$ 498,892.80$ | According to manager spefications |
| Per 3 Years | $\$ 1,012,752.38$ | According to manager spefications |

## MAINTENANCE FOR PRODUCTS PURCHASED OUTSIDE OF AWARD 20191

|  | Rate of Maintenance for Products Purchased outside of <br> Award RFP 20191 | Inspection Cost |  |  |
| :--- | ---: | ---: | ---: | ---: |
| Per Hour | $\$ 128.00$ | $\$ 128.00$ |  |  |
| Per Month | $\$ 20,480.00$ | $\$ 28.00$ |  |  |
| Per 1 Year | $\$ 245,760.00$ | $\$ 245,760.00$ |  |  |
| Per 2 Years | $\$ 498,892.80$ | $\$ 245,760.00$ |  |  |
| Per 3 Years | $\$ 1,012,752.38$ | $\$ 498,892.80$ | $\$ 1,012,752.38$ | $\$ 498,892.80$ |

CONTROLS MAINTENANCE LABOR RATES - testing, inspection,, maintenance, repair, and replacement of controls/sensors/valves/actuators, etc.

|  | Priority Emergency Service (8am-5pm) | Priority Emergency Servcie After Business Hours (5pm-8am) | Emergency Service (8am-5pm) | Emergency Service After Business Hours (5pm-8am) | Non-Emergency <br> Service (8am-5pm) | Non-Emergency Service After Business Hours (5pm-8am) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Per Hour | \$133.00 | \$199.50 | \$133.00 | \$199.50 | \$133.00 | \$199.50 |
| Per Month | \$21,280.00 | \$31,920.00 | \$21,280.00 | \$31,920.00 | \$21,280.00 | \$31,920.00 |
| Per 1 Year | \$255,360.00 | \$383,040.00 | \$255,360.00 | \$383,040.00 | \$255,360.00 | \$383,040.00 |
| Per 2 Years | \$518,380.80 | \$777,571.20 | \$518,380.80 | \$777,571.20 | \$518,380.80 | \$777,571.20 |
| Per 3 Years | \$789,292.22 | \$1,183,938.34 | \$789,292.22 | \$1,183,938.34 | \$789,292.22 | \$1,183,938.34 |

PREVENTATIVE MAINTENANCE COST (If Applicable)

|  | Preventative Maintenance | Description (Indicate "See Attached" if on |
| :--- | ---: | :--- |
| Per Hour | $\$ 133.00$ | According to manager spefications |
| Per Month | $\$ 21,280.00$ | According to manager spefications |
| Per 1 Year | $\$ 255,360.00$ | According to manager spefications |
| Per 2 Years | $\$ 518,380.80$ | According to manager spefications |
| Per 3 Years | $\$ 1,052,313.02$ | According to manager spefications |

## MAINTENANCE FOR PRODUCTS PURCHASED OUTSIDE OF AWARD 20191

|  | Rate of Maintenance for Products Purchased outside of <br> Award RFP 20191 | Inspection Cost |  |
| :--- | ---: | ---: | ---: |
| Per Hour | $\$ 133.00$ | $\$ 133.00$ |  |
| Per Month | $\$ 21,280.00$ | $\$ 133.00$ |  |
| Per 1 Year | $\$ 255,360.00$ | $\$ 21,280.00$ | $\$ 255,360.00$ |
| Per 2 Years | $\$ 518,380.80$ | $\$ 518,380.80$ | $\$ 250,360.00$ |
| Per 3 Years | $\$ 1,052,313.02$ | $\$ 1,052,313.02$ | $\$ 518,380.80$ |
| PREPAID ANNUAL MAINTENANCE DISCOUNT* | $\$ 1,052,313.02$ |  |  |

COST OF MAINTENANCE REINSTATEMENT INSPECTION (IF APPLICABLE)** TRAINING PER HOUR

Class Size (Number of People) Length of Class (Number of Hours)

## ADVANCED TRAINING PER HOUR*

Class Size (Number of People)
Length of Class (Number of Hours)
TRAINING COSTS FOR ADDITIONAL EMPLOYEES PER HOUR ADDITIONAL DOCUMENTATION (If Applicable)
$\$ 128.00$ per hour

4 Increments
\$128
5
4 Increments
(COST PER COPY)

LOT 3: Region 7
MECHANICAL MAINTENANCE LABOR RATES - testing, inspection, maintenance, repair, and replacement of mechanical systems/equipment, etc

|  | Priority Emergency Service (8am-5pm) |  | Priority Emergency <br> Servcie After <br> Business Hours <br> (5pm-8am) |  | Emergency Service (8am-5pm) |  | Emergency Service After Business Hours (5pm-8am) |  | Non-Emergency Service (8am-5pm) |  | Non-Emergency Service After Business Hours (5pm-8am) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Per Hour | \$ | 114.00 | \$ | 228.00 | \$ | 114.00 | \$ | 228.00 | \$ | 114.00 | \$ | 228.00 |
| Per Month | \$ | 18,240.00 | \$ | 36,480.00 | \$ | 18,240.00 | \$ | 36,480.00 | \$ | 18,240.00 | \$ | 36,480.00 |
| Per 1 Year | \$ | 218,880.00 | \$ | 437,760.00 | \$ | 218,880.00 | \$ | 437,760.00 | \$ | 218,880.00 | \$ | 437,760.00 |
| Per 2 Years | \$ | 444,326.40 | \$ | 888,652.80 | \$ | 444,326.40 | \$ | 888,652.80 | \$ | 444,326.40 | \$ | 888,652.80 |
| Per 3 Years | \$ | 676,536.19 | \$ | 1,353,072.38 | \$ | 676,536.19 | \$ | 1,353,072.38 | \$ | 676,536.19 | \$ | 1,353,072.38 |


|  |  | Preventative Maintenance | Description (Indicate "See Attached" if on |
| :---: | :---: | :---: | :---: |
| Per Hour |  | \$114.00 | According to manager spefications |
| Per Month | \$ | 18,240.00 | According to manager spefications |
| Per 1 Year | \$ | 218,880.00 | According to manager spefications |
| Per 2 Years | \$ | 444,326.40 | According to manager spefications |
| Per 3 Years | \$ | 676,536.19 | According to manager spefications |

MAINTENANCE FOR PRODUCTS PURCHASED OUTSIDE OF AWARD 20191

|  | Rate of Maintenance for Products Purchased outside of <br> Award RFP 20191 | Inspection Cost |  |  |
| :--- | ---: | ---: | ---: | ---: |
| Per Hour |  | $\$ 114.00$ | $\$ 14.00$ |  |
| Per Month | $\$$ | $18,240.00$ | $\$$ | $18,240.00$ |
| Per 1 Year | $\$$ | $218,880.00$ | $\$$ | $218,880.00$ |
| Per 2 Years | $\$$ | $444,326.40$ | $\$$ | $444,326.40$ |
| Per 3 Years | $\$$ | $676,536.19$ | $\$$ | $676,536.19$ |

CONTROLS MAINTENANCE LABOR RATES - testing, inspection,, maintenance, repair, and replacement of controls/sensors/valves/actuators, etc.

|  | Priority Emergency Service (8am-5pm) |  | Priority Emergency Servcie After Business Hours (5pm-8am) |  | Emergency Service (8am-5pm) |  | Emergency Service After Business Hours (5pm-8am) |  | Non-Emergency <br> Service (8am-5pm) |  | Non-Emergency Service After Business Hours (5pm-8am) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Per Hour | \$ | 119.00 | \$ | 238.00 | \$ | 119.00 | \$ | 238.00 | \$ | 119.00 | \$ | 238.00 |
| Per Month | \$ | 19,040.00 | \$ | 38,080.00 | \$ | 19,040.00 | \$ | 38,080.00 | \$ | 19,040.00 | \$ | 38,080.00 |
| Per 1 Year | \$ | 228,480.00 | \$ | 456,960.00 | \$ | 228,480.00 | \$ | 456,960.00 | \$ | 228,480.00 | \$ | 456,960.00 |
| Per 2 Years | \$ | 463,814.40 | \$ | 927,628.80 | \$ | 463,814.40 | \$ | 927,628.80 | \$ | 463,814.40 | \$ | 927,628.80 |
| Per 3 Years | \$ | 706,208.83 | \$ | 1,412,417.66 | \$ | 706,208.83 | \$ | 1,412,417.66 | \$ | 706,208.83 | \$ | 1,412,417.66 |

PREVENTATIVE MAINTENANCE COST (If Applicable)

|  | Preventative Maintenance | Description (Indicate "See Attached" if on |  |
| :--- | ---: | :--- | :--- |
| Per Hour | $\$$ | $\$ 119.00$ | According to manager spefications |
| Per Month | $\$$ | $19,040.00$ | According to manager spefications |
| Per 1 Year | $\$$ | $228,480.00$ | According to manager spefications |
| Per 2 Years | $\$$ | $463,814.40$ | According to manager spefications |
| Per 3 Years | $706,208.83$ | According to manager spefications |  |


|  | Rate of Maintenance for Products Purchased outside of Award RFP 20191 | Inspection Cost |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Per Hour | \$119.00 |  | \$119.00 |  | \$119.00 |
| Per Month | \$ 19,040.00 | \$ | 19,040.00 | \$ | 19,040.00 |
| Per 1 Year | \$ 228,480.00 | \$ | 228,480.00 | \$ | 228,480.00 |
| Per 2 Years | \$ $463,814.40$ | \$ | 463,814.40 | \$ | 463,814.40 |
| Per 3 Years | \$ 706,208.83 | \$ | 706,208.83 | \$ | 706,208.83 |

PREPAID ANNUAL MAINTENANCE DISCOUNT**
$\$ 114.00$ per hour

Class Size (Number of People)
Length of Class (Number of Hours)

Class Size (Number of People)
Length of Class (Number of Hours) TRAINING COSTS FOR ADDITIONAL EMPLOYEES PER HOUR ADDITIONAL DOCUMENTATION (If Applicable)
ADVANCED TRAINING PER HOUR*
, PERHOUR
$\$ 114$
10
4 Increments
\$114
4 Increments

## TRAINING PER HOUR


(COST PER COPY)

LOT 3: Region 8
MECHANICAL MAINTENANCE LABOR RATES - testing, inspection, maintenance, repair, and replacement of mechanical systems/equipment, etc.

|  | Priority Emergency Service (8am-5pm) |  | Priority Emergency Servcie After Business Hours (5pm-8am) |  | Emergency Service (8am-5pm) |  | Emergency Service After Business Hours (5pm-8am) |  | Non-Emergency Service (8am-5pm) |  | Non-Emergency Service After Business Hours (5pm-8am) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Per Hour | \$ | 114.00 | \$ | 228.00 | \$ | 114.00 | \$ | 228.00 | \$ | 114.00 | \$ | 228.00 |
| Per Month | \$ | 18,240.00 | \$ | 36,480.00 | \$ | 18,240.00 | \$ | 36,480.00 | \$ | 18,240.00 | \$ | 36,480.00 |
| Per 1 Year | \$ | 218,880.00 | \$ | 437,760.00 | \$ | 218,880.00 | \$ | 437,760.00 | \$ | 218,880.00 | \$ | 437,760.00 |
| Per 2 Years | \$ | 444,326.40 | \$ | 888,652.80 | \$ | 444,326.40 | \$ | 888,652.80 | \$ | 444,326.40 | \$ | 888,652.80 |
| Per 3 Years | \$ | 676,536.19 | \$ | 1,353,072.38 | \$ | 676,536.19 | \$ | 1,353,072.38 | \$ | 676,536.19 | \$ | 1,353,072.38 |

PREVENTATIVE MAINTENANCE COST (If Applicable)

|  |  | Preventative Maintenance | Description (Indicate "See Attached" if on |
| :--- | ---: | :--- | :--- |
| Per Hour | $\$$ | $\$ 114.00$ | According to manager spefications |
| Per Month | $\$$ | $18,240.00$ | According to manager spefications |
| Per 1 Year | $\$$ | $218,880.00$ | According to manager spefications |
| Per 2 Years | $\$$ | $444,326.40$ | According to manager spefications |
| Per 3 Years | $676,536.19$ | According to manager spefications |  |

MAINTENANCE FOR PRODUCTS PURCHASED OUTSIDE OF AWARD 20191

|  | Rate of Maintenance for Products Purchased outside of <br> Award RFP 20191 | Inspection Cost |  |  |
| :--- | ---: | ---: | ---: | ---: |
| Per Hour |  | $\$ 114.00$ | $\$ 14.00$ |  |
| Per Month | $\$$ | $18,240.00$ | $\$$ | $18,240.00$ |
| Per 1 Year | $\$$ | $218,880.00$ | $\$$ | $218,880.00$ |
| Per 2 Years | $\$$ | $444,326.40$ | $\$$ | $444,326.40$ |
| Per 3 Years | $\$$ | $676,536.19$ | $\$$ | $676,536.19$ |

CONTROLS MAINTENANCE LABOR RATES - testing, inspection,, maintenance, repair, and replacement of controls/sensors/valves/actuators, etc.

|  | Priority Emergency Service (8am-5pm) |  | Priority Emergency Servcie After Business Hours (5pm-8am) |  | Emergency Service (8am-5pm) |  | Emergency Service After Business Hours (5pm-8am) |  | Non-Emergency <br> Service (8am-5pm) |  | Non-Emergency Service After Business Hours (5pm-8am) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Per Hour | \$ | 119.00 | \$ | 238.00 | \$ | 119.00 | \$ | 238.00 | \$ | 119.00 | \$ | 238.00 |
| Per Month | \$ | 19,040.00 | \$ | 38,080.00 | \$ | 19,040.00 | \$ | 38,080.00 | \$ | 19,040.00 | \$ | 38,080.00 |
| Per 1 Year | \$ | 228,480.00 | \$ | 456,960.00 | \$ | 228,480.00 | \$ | 456,960.00 | \$ | 228,480.00 | \$ | 456,960.00 |
| Per 2 Years | \$ | 463,814.40 | \$ | 927,628.80 | \$ | 463,814.40 | \$ | 927,628.80 | \$ | 463,814.40 | \$ | 927,628.80 |
| Per 3 Years | \$ | 706,208.83 | \$ | 1,412,417.66 | \$ | 706,208.83 | \$ | 1,412,417.66 | \$ | 706,208.83 | \$ | 1,412,417.66 |

PREVENTATIVE MAINTENANCE COST (If Applicable)

|  | Preventative Maintenance | Description (Indicate "See Attached" if on |  |
| :--- | ---: | ---: | :--- |
| Per Hour | $\$$ | $\$ 119.00$ | According to manager spefications |
| Per Month | $\$$ | $19,040.00$ | According to manager spefications |
| Per 1 Year | $\$$ | $228,480.00$ | According to manager spefications |
| Per 2 Years | $\$$ | $463,814.40$ | According to manager spefications |
| Per 3 Years | $706,208.83$ | According to manager spefications |  |


| MAINTENANCE FOR PRODUCTS PURCHASED OUTSIDE OF AWARD 20191 |
| :--- |
|  Rate of Maintenance for Products Purchased outside of <br> Award RFP 20191  |
| Per Hour |
| Aer Month |
| Per 1 Year |
| Per 2 Years |
| Per 3 Years |

## PREPAID ANNUAL MAINTENANCE DISCOUNT*

$3 \%$
COST OF MAINTENANCE REINSTATEMENT INSPECTION (IF APPLICABLE)**
$\$ 114.00$ per hour
TRAINING PER HOUR
Class Size (Number of People)
Length of Class (Number of Hours)
$\$ 114$
10
4 Increments
\$114
4 Increments
TRAINING COSTS FOR ADDITIONAL EMPLOYEES PER HOUR
ADDITIONAL DOCUMENTATION (If Applicable)
(COST PER COPY)

LOT 3: Region 9
MECHANICAL MAINTENANCE LABOR RATES - testing, inspection, maintenance, repair, and replacement of mechanical systems/equipment, etc.

|  | Priority Emergency Service (8am5pm) |  | Priority Emergency Servcie After Business Hours (5pm-8am) |  | Emergency Service (8am-5pm) |  | Emergency Service After Business Hours (5pm-8am) |  | Non-Emergency Service (8am5pm) |  | Non-Emergency Service After Business Hours (5pm-8am) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Per Hour | \$ | 114.00 | \$ | 228.00 | \$ | 114.00 | \$ | 228.00 | \$ | 114.00 | \$ | 228.00 |
| Per Month | \$ | 18,240.00 | \$ | 36,480.00 | \$ | 18,240.00 | \$ | 36,480.00 | \$ | 18,240.00 | \$ | 36,480.00 |
| Per 1 Year | \$ | 218,880.00 | \$ | 437,760.00 | \$ | 218,880.00 | \$ | 437,760.00 | \$ | 218,880.00 | \$ | 437,760.00 |
| Per 2 Years | \$ | 444,326.40 | \$ | 888,652.80 | \$ | 444,326.40 | \$ | 888,652.80 | \$ | 444,326.40 | \$ | 888,652.80 |
| Per 3 Years | \$ | 676,536.19 | \$ | 1,353,072.38 | \$ | 676,536.19 | \$ | 1,353,072.38 | \$ | 676,536.19 | \$ | 1,353,072.38 |

PREVENTATIVE MAINTENANCE COST (If Applicable)

|  | Preventative Maintenance | Description (Indicate "See Attached" if on a |  |
| :--- | ---: | :--- | :--- |
| Per Hour | $\$ 114.00$ | According to manager spefications |  |
| Per Month | $\$$ | $18,240.00$ | According to manager spefications |
| Per 1 Year | $\$$ | $218,880.00$ | According to manager spefications |
| Per 2 Years | $\$$ | $444,326.40$ | According to manager spefications |
| Per 3 Years | $\$$ | $676,536.19$ | According to manager spefications |

MAINTENANCE FOR PRODUCTS PURCHASED OUTSIDE OF AWARD 2

|  | Rate of Maintenance for Products <br> Purchased outside of Award RFP <br> 20191 |  | Inspection Cost |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Per Hour | $\$ 114.00$ | $\$ 114.00$ | $\$ 114.00$ |  |  |
| Per Month | $\$$ | $18,240.00$ | $\$$ | $18,240.00$ | $\$$ |
| Per 1 Year | $\$$ | $218,880.00$ | $\$$ | $218,880.00$ | $\$$ |
| Per 2 Years | $\$ 44,326.40$ | $\$$ | $444,326.40$ | $\$$ | $218,880.00$ |
| Per 3 Years | $\$$ | $676,536.19$ | $\$$ | $676,536.19$ | $\$$ |

CONTROLS MAINTENANCE LABOR RATES - testing, inspection,, maintenance, repair, and replacement of controls/sensors/valves/actuators, etc.

|  | Priority Emergency Service (8am5pm) |  | Priority Emergency Servcie After Business Hours (5pm-8am) |  | Emergency Service (8am-5pm) |  | Emergency Service <br> After Business <br> Hours (5pm-8am) |  | Non-Emergency Service (8am5pm) |  | Non-Emergency Service After Business Hours (5pm-8am) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Per Hour | \$ | 119.00 | \$ | 238.00 | \$ | 119.00 | \$ | 238.00 | \$ | 119.00 | \$ | 238.00 |
| Per Month | \$ | 19,040.00 | \$ | 38,080.00 | \$ | 19,040.00 | \$ | 38,080.00 | \$ | 19,040.00 | \$ | 38,080.00 |
| Per 1 Year | \$ | 228,480.00 | \$ | 456,960.00 | \$ | 228,480.00 | \$ | 456,960.00 | \$ | 228,480.00 | \$ | 456,960.00 |


| Per 2 Years | \$ | 463,814.40 | \$ | 927,628.80 | \$ | 463,814.40 | \$ | 927,628.80 | \$ | 463,814.40 | \$ | 927,628.80 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Per 3 Years | \$ | 706,208.83 | \$ | 1,412,417.66 | \$ | 706,208.83 | \$ | 1,412,417.66 | \$ | 706,208.83 | \$ | 1,412,417.66 |

PREVENTATIVE MAINTENANCE COST (If Applicable)

|  | Preventative Maintenance |  | Description (Indicate "See Attached" if on a |
| :--- | ---: | ---: | :--- |
| Per Hour | $\$ 119.00$ | According to manager spefications |  |
| Per Month | $\$$ | $19,040.00$ | According to manager spefications |
| Per 1 Year | $\$$ | $228,480.00$ | According to manager spefications |
| Per 2 Years | $\$$ | $463,814.40$ | According to manager spefications |
| Per 3 Years | $\$$ | $706,208.83$ | According to manager spefications |

MAINTENANCE FOR PRODUCTS PURCHASED OUTSIDE OF AWARD 2

|  | Rate of Maintenance for Products Purchased outside of Award RFP 20191 |  | Inspection Cost |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Per Hour | \$119.00 |  | \$119.00 |  | \$119.00 |
| Per Month | \$ 19,040.00 | \$ | 19,040.00 | \$ | 19,040.00 |
| Per 1 Year | \$ 228,480.00 | \$ | 228,480.00 | \$ | 228,480.00 |
| Per 2 Years | \$ 463,814.40 | \$ | 463,814.40 | \$ | 463,814.40 |
| Per 3 Years | 706,208.83 | \$ | 706,208.83 | \$ | 706,208.83 |

PREPAID ANNUAL MAINTENANCE DISCOUNT*

COST OF MAINTENANCE REINSTATEMENT INSPECTION (IF APPLIC $\$ 114.00$ per hour
TRAINING PER HOUR
Class Size (Number of People)
Length of Class (Number of Hours)

## ADVANCED TRAINING PER HOUR*

Class Size (Number of People)
Length of Class (Number of Hours)
4 Increments
TRAINING COSTS FOR ADDITIONAL EMPLOYEES PER HOUR ADDITIONAL DOCUMENTATION (If Applicable)
(COST PER COPY)

## LOT 3: Region 1

SYSTEMS INTEGRATION LABOR RATES

| Job Title | Description | Total Hourly Rate |
| :--- | :--- | ---: |
| Forman Electrician | Oversee and perform on site installation of electrical work | $\$ 137.07$ |
| Journeyman Electrician | Perform onsite install of electrical work | $\$ 132.46$ |
| Technician | Assist with onsite install of electrical work | $\$ 92.73$ |
| Apprentice | Specific product certified to perform termination, <br> diagnostics and installation | $\$ 94.63$ |
| Systems Engineer | Software, network and programming functions | $\$ 125.00$ |
| Project Manager | Manage product installation and field crews, to include but <br> not limited to scheduling, contract compliance, safety, <br> customer liason, conflict resolution | $\$ 110.00$ |
| Engineer | Design systems, provide drawing and technical <br> documentation | $\$ 125.00$ |
| Draftsman | Operate CAD system at direction of engineer | $\$ 95.00$ |
| Trainer | Provide end user training on products installed | $\$ 110.00$ |

TRAINING PER HOUR \$110

## ADVANCED TRAINING PER HOUR*

## Class Size (Number of People) <br> Length of Class (Number of Hours)

Class Size (Number of People)
Length of Class (Number of Hours)
4 Increments

## LOT 3: Region 2

SYSTEMS INTEGRATION LABOR RATES

| Job Title | Description | Total Hourly Rate |
| :--- | :--- | ---: |
| Forman Electrician | Oversee and perform on site installation of electrical work | $\$ 156.31$ |
| Journeyman Electrician | Perform onsite install of electrical work | $\$ 152.71$ |
| Technician | Assist with onsite install of electrical work | $\$ 75.32$ |
| Apprentice | Specific product certified to perform termination, <br> diagnostics and installation | $\$ 87.97$ |
| Systems Engineer | Software, network and programming functions | $\$ 125.00$ |
| Project Manager | Manage product installation and field crews, to include but <br> not limited to scheduling, contract compliance, safety, <br> customer liason, conflict resolution | $\$ 110.00$ |
| Engineer | Design systems, provide drawing and technical <br> documentation | $\$ 125.00$ |
| Draftsman | Operate CAD system at direction of engineer | $\$ 95.00$ |
| Trainer | Provide end user training on products installed | $\$ 110.00$ |

TRAINING PER HOUR \$110

## ADVANCED TRAINING PER HOUR*

## Class Size (Number of People) <br> Length of Class (Number of Hours)

Class Size (Number of People)
Length of Class (Number of Hours)
4 Increments

LOT 3: Region 3, 4
PRODUCT, INSTALLATION, SYSTEMS INTEGRATION, and MAINTENANCE

## SYSTEMS INTEGRATION LABOR RATES

| Job Title | Description | Total Hourly Rate |
| :--- | :--- | ---: |
| Forman Electrician | Oversee and perform on site installation of electrical work | $\$ 117.88$ |
| Journeyman Electrician | Perform onsite install of electrical work | $\$ 114.07$ |
| Technician | Assist with onsite install of electrical work | $\$ 91.15$ |
| Apprentice | Specific product certified to perform termination, <br> diagnostics and installation. | $\$ 114.07$ |
| Systems Engineer | Software, network and programming functions | $\$ 125.00$ |
| Project Manager | Manage product installation and field crews, to include but <br> not limited to scheduling, contract compliance, safety, <br> customer liason, conflict resolution | $\$ 110.00$ |
| Engineer | Design systems, provide drawing and technical <br> documentation | $\$ 125.00$ |
| Draftsman | Operate CAD system at direction of engineer | $\$ 95.00$ |
| Trainer | Provide end user training on products installed | $\$ 110.00$ |

TRAINING PER HOUR \$110

Class Size (Number of People)
Length of Class (Number of Hours)
\$125
Class Size (Number of People)
Length of Class (Number of Hours)

LOT 3: Region 5, 6
SYSTEMS INTEGRATION LABOR RATES

| Job Title | Description | Total Hourly Rate |
| :--- | :--- | ---: |
| Forman Electrician | Oversee and perform on site installation of electrical work | $\$ 96.06$ |
| Journeyman Electrician | Perform onsite install of electrical work | $\$ 91.94$ |
| Technician | Assist with onsite install of electrical work | $\$ 79.47$ |
| Apprentice | Specific product certified to perform termination, <br> diagnostics and installation. | $\$ 91.94$ |
| Systems Engineer | Software, network and programming functions | $\$ 125.00$ |
| Project Manager | Manage product installation and field crews, to include but <br> not limited to scheduling, contract compliance, safety, <br> customer liason, conflict resolution | $\$ 110.00$ |
| Engineer | Design systems, provide drawing and technical <br> documentation | $\$ 125.00$ |
| Draftsman | Operate CAD system at direction of engineer | $\$ 95.00$ |
| Trainer | Provide end user training on products installed | $\$ 110.00$ |

TRAINING PER HOUR \$110

ADVANCED TRAINING PER HOUR*

| Class Size (Number of People) | 10 |
| :--- | :---: |
| Length of Class (Number of Hours) | 4 Increments |
|  | $\$ 125$ |
| Class Size (Number of People) | 5 |
| Length of Class (Number of Hours) | 4 Increments |
| OYEES PER HOUR | $\$ 25$ |
| (COST PER COPY) |  |

## LOT 3: Region 7

SYSTEMS INTEGRATION LABOR RATES

| Job Title | Description | Total Hourly Rate |
| :--- | :--- | ---: |
| Forman Electrician | Oversee and perform on site installation of electrical work | $\$ 90.18$ |
| Journeyman Electrician | Perform onsite install of electrical work | $\$ 86.06$ |
| Technician | Assist with onsite install of electrical work | $\$ 74.00$ |
| Apprentice | Specific product certified to perform termination, <br> diagnostics and installation. | $\$ 86.06$ |
| Systems Engineer | Software, network and programming functions | $\$ 125.00$ |
| Project Manager | Manage product installation and field crews, to include but <br> not limited to scheduling, contract compliance, safety, <br> customer liason, conflict resolution | $\$ 110.00$ |
| Engineer | Design systems, provide drawing and technical <br> documentation | $\$ 125.00$ |
| Draftsman | Operate CAD system at direction of engineer | $\$ 95.00$ |
| Trainer | Provide end user training on products installed | $\$ 110$ |

TRAINING PER HOUR ..... \$110
Class Size (Number of People)
Length of Class (Number of Hours) ..... 10
\$125
Class Size (Number of People) ..... 5
Length of Class (Number of Hours) ..... 4 Increments

## LOT 3: Region 8

SYSTEMS INTEGRATION LABOR RATES

| Job Title | Description | Total Hourly Rate |
| :--- | :--- | ---: |
| Forman Electrician | Oversee and perform on site installation of electrical work | $\$ 93.63$ |
| Journeyman Electrician | Perform onsite install of electrical work | $\$ 89.51$ |
| Technician | Assist with onsite install of electrical work | $\$ 75.25$ |
| Apprentice | Specific product certified to perform termination, <br> diagnostics and installation. | $\$ 89.51$ |
| Systems Engineer | Software, network and programming functions | $\$ 125.00$ |
| Project Manage | Manage product installation and field crews, to include but <br> not limited to scheduling, contract compliance, safety, <br> customer liason, conflict resolution | $\$ 110.00$ |
| Engineer | Design systems, provide drawing and technical <br> documentation | $\$ 125.00$ |
| Draftsman | Operate CAD system at direction of engineer | $\$ 95.00$ |
| Trainer | Provide end user training on products installed | $\$ 110.00$ |

TRAINING PER HOUR \$110

ADVANCED TRAINING PER HOUR*

| Class Size (Number of People) | 10 |
| :--- | :---: |
| Length of Class (Number of Hours) | 4 Increments |
|  | $\$ 125$ |
| Class Size (Number of People) | 5 |
| Length of Class (Number of Hours) | 4 Increments |
| OYEES PER HOUR | $\$ 25$ |
| (COST PER COPY) |  |

SYSTEMS INTEGRATION LABOR RATES

| Job Title | Description | Total Hourly Rate |
| :--- | :--- | ---: |
| Forman Electrician | Oversee and perform on site installation of electrical work | $\$ 90.59$ |
| Journeyman Electrician | Perform onsite install of electrical work | $\$ 86.39$ |
| Technician | Assist with onsite install of electrical work | $\$ 72.42$ |
| Apprentice | Specific product certified to perform termination, <br> diagnostics and installation. | $\$ 86.39$ |
| Systems Engineer | Software, network and programming functions | $\$ 125.00$ |
| Project Manager | Manage product installation and field crews, to include but <br> not limited to scheduling, contract compliance, safety, <br> customer liason, conflict resolution | $\$ 110.00$ |
| Engineer | Design systems, provide drawing and technical <br> documentation | $\$ 125.00$ |
| Draftsman | Operate CAD system at direction of engineer | $\$ 95.00$ |
| Trainer | Provide end user training on products installed | $\$ 110.00$ |

TRAINING PER HOUR \$110

ADVANCED TRAINING PER HOUR*

| Class Size (Number of People) | 10 |
| :--- | :---: |
| Length of Class (Number of Hours) | 4 Increments |
|  | $\$ 125$ |
| Class Size (Number of People) | 5 |
| Length of Class (Number of Hours) | 4 Increments |
| OYEES PER HOUR | $\$ 25$ |
| ble) | $\$ 25$ (COST PER COPY) |

## SUBCONTRACTOR LABOR RATES PER REGION

Mechanical Subcontractor Labor - Performs mechanical design, coordination, installation, and maintenance as part of subcontractor package.
Mechanical Labor Rates

| Job Title | Description |
| :--- | :--- |
| Plumber | Assemble, install, and repair pipes, fittings, and fixtures of heating, water, and drainage systems, <br> according to specifications and plumbing codes |
|  | Lay out, assemble, install, and maintain pipe systems, pipe supports, and related hydraulic and <br> pneumatic equipment for steam, hot water, heating, cooling, lubricating, sprinkling, and industrial <br> production and processing systems |
| Pipefitter | Lay out, assemble, install, or maintain specialized high-pressure pipe systems, pipe supports, or related <br> hydraulic or pneumatic equipment for steam, hot water, heating, cooling, lubricating, sprinkling, or <br> industrial production or processing systems. |
| Steamfitter |  |


| Region | Prevailing Wage | Supplemental <br> Benefit | Percentage Markup |  |
| :--- | :--- | :--- | :--- | :--- |
| Total Hourly Rate |  |  |  |  |


| Dutchess, Parts of Delaware, Parts of Ulster | \$ | 46.04 | \$ | 27.77 | 80.00\% | \$ | 132.86 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Plumber \& Steamfitter |  |  |  |  |  |  |  |
| REGION 4 |  |  |  |  |  |  |  |
| Ulster |  |  |  |  |  |  |  |
| HVAC Service | \$ | 37.70 | \$ | 18.64 | 80.00\% | \$ | 101.41 |
| Job and Lat | \$ | 36.09 | \$ | 23.16 | 80.00\% | \$ | 106.65 |
| Orange, Rockland, Sullivan, parts of Ulster |  |  |  |  |  |  |  |
| Steamfitter Less than \$230,000 | \$ | 34.38 | \$ | 26.84 | 80.00\% | \$ | 110.20 |
| Steamfitter Greater than \$230,000 | \$ | 42.25 | \$ | 31.59 | 80.00\% | \$ | 132.91 |
| Refrigeration, Plumber, Steamfitter | \$ | 33.49 | \$ | 23.13 | 80.00\% | \$ | 101.92 |
|  |  |  |  |  |  |  |  |
| REGION 5 |  |  |  |  |  |  |  |
| Albany, Columbia, Fulton, Greene, Montgomery, Rensselaer, Schenectady, Schoharie, Parts of Hamilton, Parts of Saratoga |  |  |  |  |  |  |  |
| Plumber, Pipefitter, Steamfitter | \$ | 37.32 | \$ | 23.01 | 80.00\% | \$ | 108.59 |
|  |  |  |  |  |  |  |  |
| REGION 6 |  |  |  |  |  |  |  |
| Essex, Franklin, Parts of Hamilton |  |  |  |  |  |  |  |
| Plumber \& Steamfitter | \$ | 32.93 | \$ | 24.55 | 80.00\% | \$ | 103.46 |
| Clinton, Warren, Washington, Parts of Saratoga |  |  |  |  |  |  |  |
| Plumber \& Steamfitter | \$ | 31.93 | \$ | 24.55 | 80.00\% | \$ | 101.66 |
|  |  |  |  |  |  |  |  |
| REGION 7 |  |  |  |  |  |  |  |
| Jefferson, St. Lawrence, Parts of Franklin, Parts of Lewis |  |  |  |  |  |  |  |
| Plumber \& Steamfitter | \$ | 30.29 | \$ | 18.26 | 80.00\% | \$ | 87.39 |
| HVAC Service | \$ | 25.37 | \$ | 18.26 | 80.00\% | \$ | 78.53 |
| Cayuga, Oswego, Parts of Wayne |  |  |  |  |  |  |  |
| Plumber, Welder, Heating, Steamfitter, Air Conditioning | \$ | 32.50 | \$ | 18.26 | 80.00\% | \$ | 91.37 |
| Onondaga, Parts of Madison |  |  |  |  |  |  |  |
| Plumber, Steamfitter, Pipefitter, Welder, HVAC, Refrigeration | \$ | 31.91 | \$ | 22.07 | 80.00\% | \$ | 97.16 |


| Herkimer, Oneida, Parts of Hamilton, Parts of Lewis, Parts of Madison, Parts of Otsego |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Plumber \& Steamfitter | \$ | 31.55 | \$ | 22.65 | 80.00\% | \$ | 97.56 |
|  |  |  |  |  |  |  |  |
| REGION 8 |  |  |  |  |  |  |  |
| Schuyler, Cortland, Chemung, Tompkins, Parts of Seneca, Parts of Steuben, Parts of Tioga |  |  |  |  |  |  |  |
| Plumber, Steamfitter, Pipefitter, Welder, HVAC, Refrigeration | \$ | 31.91 | \$ | 22.07 | 80.00\% | \$ | 97.16 |
| Broome, Chenango, Parts of Cortland, Parts of Delaware, Parts of Madison, Parts of Otsego, Parts of Tioga |  |  |  |  |  |  |  |
| Plumber \& Steamfitter | \$ | 30.73 | \$ | 22.19 | 80.00\% | \$ | 95.26 |
| Livingston, Monroe, Ontario, Yates, Parts of Allegany, Parts of Genesee, Parts of Orleans, Parts of Seneca, Parts of Steuben, Parts of Wayne |  |  |  |  |  |  |  |
| Plumber \& Steamfitter | \$ | 32.98 | \$ | 19.23 | 80.00\% | \$ | 93.98 |
|  |  |  |  |  |  |  |  |
| REGION 9 |  |  |  |  |  |  |  |
| Erie, Wyoming, Niagara, Parts of Allegany, Parts of Cattaraugus, Parts of Chautauqua, Parts of Genesee, Parts of Orleans |  |  |  |  |  |  |  |
| Plumber \& Steamfitter | \$ | 32.18 | \$ | 21.05 | 80.00\% | \$ | 95.81 |
| Parts of Alleghany, Parts of Cattaraugus, Parts of Chautauqua <br> Plumber \& Steamfitter |  |  |  |  |  |  |  |
|  | \$ | 30.09 | \$ | 21.05 | 80.00\% | \$ | 92.05 |
| Electrician Foreman/Journeyman |  |  |  | \$359.44 | 50\% |  |  |

## SUBCONTRACTOR LABOR RATES PER REGION

Electrical Subcontractor Labor - Performs electrical design, coordination, installation, and maintenance as part of subcontractor package.

| Region | Prevailing Wage |  | Supplemental Benefit |  | Percentage Markup | Total Hourly Rate |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| REGIONS 1\&2 |  |  |  |  |  |  |  |
| Nassau, Suffolk |  |  |  |  |  |  |  |
| Tree Trimmer/Line Clearance Specialist | \$ | 30.09 | \$ | 14.39 | 80.00\% | \$ | 80.06 |
| Electrician/Wireman, Fire Alarm, HVAC Controls | \$ | 49.20 | \$ | 30.01 | 80.00\% | \$ | 142.58 |
| Pump/Tank Work | \$ | 40.05 | \$ | 26.13 | 80.00\% | \$ | 119.12 |
| Maintenance | \$ | 39.95 | \$ | 20.57 | 80.00\% | \$ | 108.94 |
| Teledata | \$ | 36.18 | \$ | 21.94 | 80.00\% | \$ | 104.62 |
| Bronx, Kings, New York, Queens, Richmond |  |  |  |  |  |  |  |
| Audio, Sound, Teledata | \$ | 53.00 | \$ | 47.54 | 80.00\% | \$ | 180.97 |
| Building, Fire Alarm, Maintenance, Security System | \$ | 28.89 | \$ | 12.69 | 80.00\% | \$ | 74.84 |
| Electro pole Electrician | \$ | 53.00 | \$ | 49.34 | 80.00\% | \$ | 184.21 |
| Electro pole Foundation Installer | \$ | 40.18 | \$ | 37.73 | 80.00\% | \$ | 140.24 |
| Electro Pole Maintainer | \$ | 34.40 | \$ | 34.00 | 80.00\% | \$ | 123.12 |
| Tree Trimmer | \$ | 23.92 | \$ | 8.44 | 80.00\% | \$ | 58.25 |
| Ground Person | \$ | 15.80 | \$ | 5.78 | 80.00\% | \$ | 38.84 |
| H - Telephone | \$ | 27.00 | \$ | 20.32 | 80.00\% | \$ | 85.18 |
|  |  |  |  |  |  |  |  |
| REGION 3 |  |  |  |  |  |  |  |
| Westchester |  |  |  |  |  |  |  |
| Building, Suspension | \$ | 50.75 | \$ | 39.78 | 80.00\% | \$ | 162.95 |
| Building, Fire Alarm, Maintenance, Security System | \$ | 28.89 | \$ | 12.69 | 80.00\% | \$ | 74.84 |
| H - Telephone | \$ | 26.00 | \$ | 13.20 | 80.00\% | \$ | 70.56 |
| Putnam, Parts of Dutchess |  |  |  |  |  |  |  |
| Electrician Wireman/Technician | \$ | 41.00 | \$ | 25.23 | 80.00\% | \$ | 119.21 |
|  |  |  |  |  |  |  |  |
| REGION 4 |  |  |  |  |  |  |  |
| Orange, Rockland |  |  |  |  |  |  |  |
| Electrician Wireman/Technician | \$ | 41.00 | \$ | 25.23 | 80.00\% | \$ | 119.21 |
| Sullivan, Ulster, Parts of Delaware, Parts of Dutchess, Parts of Greene |  |  |  |  |  |  |  |
| Electrician Wireman/Technician, Less than 3 million dollars | \$ | 37.00 | \$ | 24.99 | 80.00\% | \$ | 111.58 |


| Electrician Wireman/Technician, More than 3 million dollars | \$ | 41.00 | \$ | 25.23 | 80.00\% | \$ | 119.21 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| REGION 5 |  |  |  |  |  |  |  |
| Albany, Columbia, Fulton, Montgomery, Rensselaer, Schenectady, Schoharie, Parts of Greene, Parts of Otsego |  |  |  |  |  |  |  |
| Building, Suspension, Teledata | \$ | 36.45 | \$ | 21.06 | 80.00\% | \$ | 103.52 |
| REGION 6 |  |  |  |  |  |  |  |
| Hamilton, Saratoga, Warren, Washington |  |  |  |  |  |  |  |
| Building, Suspension, Teledata | \$ | 36.45 | \$ | 21.06 | 80.00\% | \$ | 103.52 |
| Clinton, Essex, Franklin |  |  |  |  |  |  |  |
| Electrician | \$ | 32.00 | \$ | 17.89 | 80.00\% | \$ | 89.80 |
| Cable Splicer, Welder | \$ | 33.50 | \$ | 17.94 | 80.00\% | \$ | 92.59 |
|  |  |  |  |  |  |  |  |
| REGION 7 |  |  |  |  |  |  |  |
| Herkimer, Madison, Oneida, Oswego, Parts of Cayuga, Parts of Onondaga, Parts of Otsego |  |  |  |  |  |  |  |
| Electrician, Teledata | \$ | 34.65 | \$ | 21.76 | 80.00\% | \$ | 101.54 |
| Cable Splicer | \$ | 38.12 | \$ | 21.86 | 80.00\% | \$ | 107.96 |
| Jefferson, Lewis, St. Lawrence |  |  |  |  |  |  |  |
| Electrician | \$ | 32.00 | \$ | 17.89 | 80.00\% | \$ | 89.80 |
| Cable Splicer, Welder | \$ | 33.50 | \$ | 17.94 | 80.00\% | \$ | 92.59 |
|  |  |  |  |  |  |  |  |
| REGION 8 |  |  |  |  |  |  |  |
| Chemung, Steuben, Parts of Allegany, Parts of Schulyer, Parts of Tioga |  |  |  |  |  |  |  |
| Sound, Suspension | \$ | 32.25 | \$ | 20.82 | 80.00\% | \$ | 95.53 |
| Parts of Cayuga, Parts of Schuyler, Parts of Seneca, Parts of Tioga, Parts of Tompkins |  |  |  |  |  |  |  |
| Suspension | \$ | 33.05 | \$ | 24.04 | 80.00\% | \$ | 102.76 |
| Broome, Parts of Chenango, Parts of Delaware, Parts of Otsego, parts of Tioga |  |  |  |  |  |  |  |
| Electrician | \$ | 30.70 | \$ | 23.42 | 80.00\% | \$ | 97.42 |
| Cable Splicer | \$ | 33.95 | \$ | 23.52 | 80.00\% | \$ | 103.45 |
| Cortland, Parts of Chenango, Parts of Tompkins, Parts of Wayne |  |  |  |  |  |  |  |
| Electrician, Teledata | \$ | 34.65 | \$ | 21.76 | 80.00\% | \$ | 101.54 |


| Cable Splicer | \$ | 38.12 | \$ | 21.86 | 80.00\% | \$ | 107.96 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Yates, Parts of Cayuga, Parts of Onondaga, Parts of Ontario, Parts of Seneca, Parts of Wayne |  |  |  |  |  |  |  |
| Audio/Sound/TV/Teledata, Building | \$ | 31.00 | \$ | 18.45 | 80.00\% | \$ | 89.01 |
| Livingston, Monroe, Parts of Genesee, Parts of Ontario, Parts of Orleans, Parts of Wayne, Parts of Wyoming |  |  |  |  |  |  |  |
| Building | \$ | 31.35 | \$ | 20.89 | 80.00\% | \$ | 94.03 |
|  |  |  |  |  |  |  |  |
| REGION 9 |  |  |  |  |  |  |  |
| Chautauqua, Parts of Allegany, Parts of Cattaraugus |  |  |  |  |  |  |  |
| Building, Cable Splicer, Heavy, Teledata | \$ | 32.50 | \$ | 20.70 | 80.00\% | \$ | 95.76 |
| Niagara, Parts of Orleans |  |  |  |  |  |  |  |
| Electrician | \$ | 32.83 | \$ | 23.57 | 80.00\% | \$ | 101.52 |
| Cable Splicer | \$ | 35.97 | \$ | 23.67 | 80.00\% | \$ | 107.35 |
| Erie, Parts of Cattaraugus, Parts of Genesee, Parts of Wyoming |  |  |  |  |  |  |  |
| Electrician | \$ | 34.69 | \$ | 22.03 | 80.00\% | \$ | 102.10 |


[^0]:    $\mathrm{C}-1200$
    $\mathrm{C}-1200 \mathrm{HV}$
    C-1200HV
    C- 1300
    C-2200
    c
    C- -1300
    C-2200
    C. 2300
    C-2300
    $\mathrm{C}-300 \mathrm{Hv}$
    $\mathrm{C}-1220$
    $\mathrm{C}-2300-\mathrm{HV}$
    $\mathrm{C}-1220$
    $\mathrm{C}-1220-\mathrm{L}$
    C-1220-L
    C- -1202 HV
    C-1320
    c- -22200
    c-1220
    c-1320
    c-220
    c-2320
    $\mathrm{C}-2320$
    $\mathrm{C}-2320 \mathrm{~L}$
    $\mathrm{C}-\mathrm{L} 32 \mathrm{H}$
    $\mathrm{C}-2320 \mathrm{HV}$
    $\mathrm{C}-2320 \mathrm{H}$
    $\mathrm{C}-2320 \mathrm{HV}$
    $\mathrm{C}-2330$
    $\mathrm{C}-2330 \mathrm{HV}$
    C-2330HV
    C-2350VVD
    C-2350VFD-L
    
    $\mathrm{C}-1203$
    $\mathrm{C}-1205$
    $\mathrm{C}-2343$
    C
    $\mathrm{C}-23$
    $\mathrm{C}-2344$
    $\mathrm{C}-2345$
    $\mathrm{C}-2343-\mathrm{L}$
    $\mathrm{c}-2345 \mathrm{~L}$
    c-2343-200
    CR3-24
    CR3-24
    CR4-24
    CR3-12
    CR4-12
    C-1500-6
    C-1550
    C-1500-6
    C-1550
    CO2VAL
    $\mathrm{CO2}$

