

Contract: Security Systems and Solutions
Group: 77201
Award: 20191
Contract #: PT64383
Contractor: Electronic Technologies Corporation, USA d/b/a/ Ingersoll Rand Security Technologies
Offerings: Trane, Labor Rates, Subcontractor Utilization List of Subcontractors
Lots: Lot 1 (Product Only)
 Lot 2 (Product and Maintenance)
 Lot 3 (Product, Installation, Systems Integration, and Maintenance)
Regions: Statewide
Effective Date: April 18, 2012

Model Number	Product Description	Product Code	List Price	% Discount	NYS Net Price
ZN511 Products					
4950 0469	Tracer ZN511 Zone Controller with Plastic Cover	100	\$282.08	50%	\$141.04
4950 0569	Tracer ZN511 Zone Controller with Metal Enclosure	100	\$353.69	50%	\$176.84
MP501 Products					
4950 0486	Tracer MP501 Setpoint Controller with Plastic Cover	103	\$247.25	50%	\$123.62
4950 0586	Tracer MP501 Setpoint Controller w/ Metal Enclosure	103	\$310.30	50%	\$155.15
Service Tools					
4020 1199	Rover Service Tool: Software Upgrade Package (s/w)	104	\$181.47	50%	\$90.74
X1365149701	Rover LonTalk Hardware Kit	104	\$861.99	50%	\$431.00
X1365149801	Rover Comm4 Hardware Kit	104	\$362.52	50%	\$181.26
X1365150001	Rover LonTalk & Comm4 Software and Hardware	104	\$1,328.82	50%	\$664.41
X1365149901	Rover LonTalk Software and Hardware	104	\$906.09	50%	\$453.04
X1365150201	Rover LonTalk Configuration Only Software and Hardware	104	\$725.04	50%	\$362.52
X1365150301	Rover Air and Water Balancing Option	104	\$846.30	50%	\$423.15
X1365150101	Rover Comm4 Software and Hardware	104	\$604.20	50%	\$302.10
End Devices and Sensors					
3430 3017	24 VAC/SPDT Relay	107	\$15.24	50%	\$7.62
3430 3020	24 VAC/SPDT Relay with Enclosure	107	\$29.30	50%	\$14.65
3580 3005	24 VAC Wall Plug-in Transformer	107	\$21.10	50%	\$10.55
3581 2021	UL Listed Transformer 120/208/240 VAC, 75 VA	107	\$43.95	50%	\$21.98
3581 2022	UL Listed Transformer 120 VAC, 40 VA	107	\$16.41	50%	\$8.20
4020 0812	24 VDC (500 mA) Power Supply	107	\$390.86	50%	\$195.43
4020 1089	Tracer Accessory Resin Enclosure	107	\$297.69	50%	\$148.84
4020 1159	5V Differential Duct Static Pressure Sensor	107	\$83.21	50%	\$41.61
4190 2006	Air Flow Sampling Probe	107	\$9.38	50%	\$4.69
4190 4100	CO2 Demand Vent Wall Sensor	107	\$433.64	50%	\$216.82
4190 4101	CO2 Demand Vent Duct Sensor	107	\$499.27	50%	\$249.64
4190 7017	20-4 mA 5% Room Humidity Sensor	107	\$131.26	50%	\$65.63

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4190 7018	4-20 mA 5% Room Humidity Sensor	107	\$122.47	50%	\$61.24
4190 7019	4-20mA 3% Room Humidity Sensor	107	\$227.37	50%	\$113.68
4190 7020	4-20mA 3% Duct Humidity Sensor	107	\$239.09	50%	\$119.54
4190 7021	4-20mA 3% Outside Air Humidity Sensor	107	\$254.32	50%	\$127.16
4190 1045	Balco Duct Temp w/5 ft. Avg. Element	107	\$83.80	50%	\$41.90
4190 1046	Balco Duct Temp w/22 ft. Avg. Element	107	\$93.76	50%	\$46.88
4190 1080	Balco Transmitter - use w/ PCM AI 3-6	107	\$93.76	50%	\$46.88
4190 1082	375 Platinum Transmitter for PCM AI 3-6	107	\$93.76	50%	\$46.88
4190 1084	Low Temp. Cutout Manual Reset	107	\$134.78	50%	\$67.39
4190 1096	0-50 PSID Diff. Pressure Sensor	107	\$596.55	50%	\$298.27
4190 1097	Electric to Pneumatic Transducer w/ Override	107	\$163.49	50%	\$81.75
4190 1104	4" Brass Immersion Well	107	\$32.82	50%	\$16.41
4190 1106	375 Platinum Outdoor Air Temp w/ Enclosure	107	\$35.75	50%	\$17.87
4190 1107	375 Platinum Room Temp w/ Cover	107	\$35.75	50%	\$17.87
4190 1108	4" Stainless Steel Immersion Well	107	\$38.68	50%	\$19.34
4190 1112	6" Brass Immersion Well	107	\$35.75	50%	\$17.87
4190 1113	6" Stainless Steel Imm Well	107	\$45.12	50%	\$22.56
4190 1114	Thermal Well Compound	107	\$18.17	50%	\$9.08
4190 1119	385 Plat Duct Avg 24'	107	\$146.50	50%	\$73.25
4190 1120	Zone Sensor LCD O/C Setpoint	107	\$101.06	50%	\$50.53
4190 1121	Zone LCD O/C SP 3 Speed Fan	107	\$123.06	50%	\$61.53
4190 1122	20' Averaging Duct Temperature Sensor	107	\$137.71	50%	\$68.86
4190 1123	6' Averaging Duct Temperature Sensor	107	\$96.69	50%	\$48.35
4190 1129	4" Thermistor Duct 6' Lead Temperature Sensor	107	\$32.87	50%	\$16.44
4190 1130	4" Balco Duct/Immersion Temperature Sensor	107	\$62.12	50%	\$31.06
4190 1131	4" 375 Platinum Duct/Immersion Temperature Sensor	107	\$50.40	50%	\$25.20
4190 1132	4" Thermistor Duct/Immersion Temperature Sensor	107	\$32.87	50%	\$16.44
4190 1133	6" Thermistor Duct/Immersion Temperature Sensor	107	\$35.86	50%	\$17.93
4190 1134	12" Thermistor Duct Temperature Sensor	107	\$39.27	50%	\$19.63
4190 5005	Water Differential Pressure Switch	107	\$100.79	50%	\$50.40
4190 5050	Building Static Pressure Sensor Selectable	107	\$182.25	50%	\$91.12
4190 5051	Duct Static Pressure Sensor Selectable	107	\$182.25	50%	\$91.12
4190 6006	Air Differential Pressure Switch	107	\$34.57	50%	\$17.29
4190 6039	High Capacity Electric to Pneumatic Transducer w/o Enclosure	107	\$401.41	50%	\$200.71
4190 7015	Stainless Steel Therm. Wall Plate w/ Logo	107	\$16.99	50%	\$8.50
4190 7016	Stainless Steel Therm. Wall Plate w/o Logo	107	\$16.99	50%	\$8.50
4950 0340	Four 24 VAC Pilot Relays in a Box	107	\$410.20	50%	\$205.10
X13310270	Current Sensing Switch	107	\$90.83	50%	\$45.42
X1351152801	Zone Sensor	107	\$25.70	50%	\$12.85
X1351153001	Zone Sensor w/ On + Cancel	107	\$25.70	50%	\$12.85
X1351152701	Zone Sensor w/ On + Cancel + Set. Adj.	107	\$45.42	50%	\$22.71
X1351152901	Zone Sensor w/ Set. Adj.	107	\$45.42	50%	\$22.71
X1316105702	Thumbwheel Hot/Cold (Qty 12 per box)	107	\$8.10	50%	\$4.05
X1365146702	Comm. Module, Zone Sensor (Box of 12)	107	\$54.01	50%	\$27.00
X13790422010	CO2 Demand Vent Wall Sensor	107	\$433.35	50%	\$216.67
X13790423010	CO2 Demand Vent Duct Sensor	107	\$499.10	50%	\$249.55

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X13790496	Wireless Zone Sensor Trane NA °F	107	\$237.33	50%	\$118.67
X13790498	Wireless Zone Sensor Trane NA °C	107	\$237.33	50%	\$118.67
X1379082301	Wireless Temp Sensor Trane NA	107	\$219.75	50%	\$109.88

Applied Building Controllers					
4020 1095	CCP Upgrade ROM Kit	115	\$7.80	50%	\$3.90
4020 1115	Current Version CCS Literature Package	115	\$337.12	50%	\$168.56
4020 1127	Ethernet Fiber Optic Media Converter	115	\$457.07	50%	\$228.54
4020 1204	BMTX Internal Modem	115	\$331.62	50%	\$165.81
4020 1224	BMTX BCU Operator Display Upgrade Kit	115	\$1,577.58	50%	\$788.79
4950 0457	Comm 5 Repeater	115	\$532.90	50%	\$266.45
BMTX001AAB000	Tracer Summit BMTX (Enhanced BCU), Power = 120 VAC	115	\$6,785.06	50%	\$3,392.53
BMTX001AAB001	Tracer Summit BMTX (Enhanced BCU), Power = 120 VAC, with Internal Modem	115	\$7,116.67	50%	\$3,558.34
BMTX001AAB010	Tracer Summit BMTX (Enhanced BCU), Power = 120 VAC, with Operator Display	115	\$8,362.64	50%	\$4,181.32
BMTX001AAB011	Tracer Summit BMTX (Enhanced BCU), Power = 120 VAC, with Operator Display and Internal Modem	115	\$8,694.26	50%	\$4,347.13
BMTX001BAB000	Tracer Summit BMTX (Enhanced BCU), Power = 230 VAC	115	\$6,785.06	50%	\$3,392.53
BMTX001BAB001	Tracer Summit BMTX (Enhanced BCU), Power = 230 VAC, with Internal Modem	115	\$7,116.67	50%	\$3,558.34
BMTX001BAB010	Tracer Summit BMTX (Enhanced BCU), Power = 230 VAC, with Operator Display	115	\$8,362.64	50%	\$4,181.32
BMTX001BAB011	Tracer Summit BMTX (Enhanced BCU), Power = 230 VAC, with Operator Display and Internal Modem	115	\$8,694.26	50%	\$4,347.13
BMTX001CAB000	Tracer Summit BMTX (Enhanced BCU), Frame Mount - CE Listed (24V)	115	\$6,785.06	50%	\$3,392.53
BMTX001CAB001	Tracer Summit BMTX (Enhanced BCU) Frame Mount w/ Modem - CE Listed (24V)	115	\$7,116.67	50%	\$3,558.34
BMTX001EAB000	Tracer Summit BMTX (Enhanced BCU) Frame Mount - UL Listed (24V)	115	\$6,785.06	50%	\$3,392.53
BMTX001EAB001	Tracer Summit BMTX (Enhanced BCU) Frame Mount w/ Modem - UL Listed (24V)	115	\$7,116.67	50%	\$3,558.34
BMTX001DAB000	Tracer Summit BMTX (Enhanced BCU) Power = 120VAC UUKL Listing	115	\$6,785.06	50%	\$3,392.53
4020 1146	Validation Documentation Templates These are documentation templates to be used for validating a Tracer Summit Critical Control System site. These templates are for single site use only and require completion by a system validation specialist. Templates include: User Requirement Specification, Design Specification, Functional Specification, Installation Qualification, Operational Qualification, Performance Qualification, Validation Master Plan, Risk Assessment, Validation Summary Report, Traceability Matrix. Contact Trane GCC for a validation service quotation to complete the validation documentation and/or to execute the validation protocols.	115	\$19,217.90	50%	\$9,608.95
4950 0531	BMTX Retrofit kit for BMTS & BMTW BCU	115	\$6,785.06	50%	\$3,392.53
4950 0535	BMTX Retrofit kit for BMTS & BMTW BCU with modem	115	\$7,116.67	50%	\$3,558.34
4950 0534	BMTX retrofit kit for Tracer 100 with modem	115	\$7,116.67	50%	\$3,558.34
4950 0532	BMTX retrofit kit for Tracer 100	115	\$6,785.06	50%	\$3,392.53

Applied Automation Software

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4020 1111	Tracer Summit Current Version Work Package (Windows)	131	\$2,196.01	50%	\$1,098.00
4020 1112	Tracer Summit Current Version Work Demo Package (Windows)	131	\$43.72	50%	\$21.86
4020 1113	Tracer Summit Current Version Software Upgrade	131	\$584.03	50%	\$292.02
40201147	Additional Summit + Critical Control System Package	131	\$3,497.46	50%	\$1,748.73
40201148	Summit Software + Critical Control System Package	131	\$17,486.06	50%	\$8,743.03
40201149	Critical Control System Package	131	\$15,290.05	50%	\$7,645.03
4020 1150	Summit + T100/Tracker Package	131	\$2,479.59	50%	\$1,239.79
4020 1151	T100/Comm Package	131	\$284.83	50%	\$142.42
4020 1152	Summit + Building Management Package	131	\$2,723.10	50%	\$1,361.55
4020 1153	Building Management Package	131	\$528.34	50%	\$264.17
4020 1154	Summit + Enterprise Management Package	131	\$4,276.83	50%	\$2,138.42
4020 1155	Enterprise Management Package	131	\$2,081.45	50%	\$1,040.73
4151 0105	Daily Operations Tutorial Only	131	\$81.38	50%	\$40.69
4151 0107	Daily Operations Tutorial - 10 Pack	131	\$326.15	50%	\$163.07
Knowledge Based Services					
4020 1211	Tracer Summit Energy Services - Energy Manager	119	\$3,833.97	50%	\$1,916.98
4020 1212	Tracer Summit Energy Services - Energy Analyst	119	\$7,667.93	50%	\$3,833.97
4020 1213	Tracer Summit Energy Services - Sales Demo Tool	119	\$21.33	50%	\$10.66
Integration Devices					
TSCB0A000	Software Option: No BAS CSV Programming Required	159	\$3,564.24	50%	\$1,782.12
TSCB0A020	Software Option: Airflow Computer Room Units (using CAREL gateways)	159	\$5,562.85	50%	\$2,781.43
Tracker Hardware and Software					
4020 1185	Tracker PC Software (Version 11.0)	179	\$256.87	50%	\$128.44
4020 0835	Internal Modem Kit	179	\$372.70	50%	\$186.35
4020 0903	Tracker Software Upgrades: (Eng/Spanish) V6.5	179	\$87.90	50%	\$43.95
4020 1009	Tracker Software Upgrades: (Eng/French) V6.5	179	\$87.90	50%	\$43.95
4020 1046	Tracker Software Upgrades: Ver 5.14 (Eng/Span & Eng/Fren)	179	\$87.90	50%	\$43.95
4020 1206	Upgrade to Tracker Model 12 with LAN	179	\$1,042.48	50%	\$521.24
4020 1207	Upgrade to Tracker Model 24 with LAN	179	\$1,643.44	50%	\$821.72
4020 1209	Upgrade to Tracker Model WSHP with LAN	179	\$2,066.56	50%	\$1,033.28
EMTK-IN-7	Current Ver. Lit.; Installation Guide	179	\$9.54	50%	\$4.77
EMTK-OG-8	Current Ver. Lit.; Operators Guide	179	\$23.17	50%	\$11.58
BMTK000AA0A110	Building Management Tracker (BMTK): Model 12	179	\$1,951.42	50%	\$975.71
BMTK000AA0A210	Building Management Tracker (BMTK): Model 24	179	\$3,044.32	50%	\$1,522.16
BMTK000AA0A510	Building Management Tracker (BMTK): Model WSHP	179	\$3,468.12	50%	\$1,734.06
BMTK000AB0A110	Building Management Tracker (BMTK): Model 12 with Ethernet and Modem	179	\$2,501.95	50%	\$1,250.98
BMTK000AB0A210	Building Management Tracker (BMTK): Model 24 with Ethernet and Modem	179	\$3,594.47	50%	\$1,797.24
BMTK000AB0A510	Building Management Tracker (BMTK): Model WSHP with Ethernet and Modem	179	\$4,018.42	50%	\$2,009.21
EMTK00001C	Energy Management Tracker (EMTK): No Internal Modem, Stat 16	179	\$2,681.15	50%	\$1,340.58
EMTK00002C	Energy Management Tracker (EMTK): No Internal Modem, Stat 7	179	\$1,435.63	50%	\$717.81
EMTK00003C	Energy Management Tracker (EMTK): No Internal Modem, Stat 4	179	\$1,030.22	50%	\$515.11

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EMTK01001C	Energy Management Tracker (EMTK): With Internal Modem, Stat 16	179	\$3,053.86	50%	\$1,526.93
EMTK01002C	Energy Management Tracker (EMTK): With Internal Modem, Stat 7	179	\$1,808.33	50%	\$904.16
Legacy Controllers					
3591 4264	25 Pin Female to RJ12 Adapter	182	\$33.88	50%	\$16.94
3591 4269	25 Pin Male to RJ12 Adapter	182	\$31.03	50%	\$15.51
4020 0801	PCM Front Cover Kit; with LCD	182	\$577.44	50%	\$288.72
4020 0804	PCM Front Cover Kit; No Display	182	\$48.44	50%	\$24.22
4020 0811	PCM Enclosure Back Kit; with Transformer	182	\$347.37	50%	\$173.69
4020 0916	Plug-in Terminal Strip Kit	182	\$65.84	50%	\$32.92
4020 1042	LCD Upgrade ROM	182	\$39.35	50%	\$19.68
4950 0341	Transformer/Relay Enclosure	182	\$305.78	50%	\$152.89
4950 0345	Large Rooftop Interface	182	\$508.23	50%	\$254.12
4950 0372	TCM: Std Ambient, NEMA 1 Enclosure	182	\$574.16	50%	\$287.08
4950 0373	TCM: Ext Ambient, NEMA 1 Enclosure	182	\$659.32	50%	\$329.66
4950 0374	TCM: Ext Ambient, NEMA 4 Enclosure	182	\$825.07	50%	\$412.54
VariTrac Central Control Panel					
X13650529010	Central Control Panel, VariTrac II	183	\$1,000.82	50%	\$500.41
X13650530010	Relay Kit for CCP, VariTrac II	183	\$179.52	50%	\$89.76
X13650939010	Central Control Panel III with Operator Display	183	\$1,503.48	50%	\$751.74
X13650941010	Central Control Panel III without Operator Display	183	\$920.04	50%	\$460.02
X13760015010	Central Control Panel Operator Display Panel Only	183	\$605.88	50%	\$302.94
X13650943010	Central Control Panel Relay Kit (New)	183	\$179.52	50%	\$89.76
X13650576010	Central Control Panel Binary Input Controller	183	\$749.50	50%	\$374.75
Programmable Controllers					
4020 1156	Operator Door Display	187	\$789.48	50%	\$394.74
4020 1157	MP580/581 Elec Board Only	187	\$1,216.85	50%	\$608.43
4020 1180	Portable Programming Stand	187	\$154.39	50%	\$77.19
4950 0468	Wall Mount Operator Display	187	\$819.66	50%	\$409.83
4950 0491	Portable, Display with Case	187	\$888.43	50%	\$444.21
BMTM000AAB00	Input Power Supply: 120 VAC, with Enclosure, No Display	187	\$1,633.70	50%	\$816.85
BMTM000AAB01	Input Power Supply: 120 VAC, with Enclosure and Touch Screen Operator Display	187	\$2,362.12	50%	\$1,181.06
BMTM000BAB00	Input Power Supply: 230 VAC, with Enclosure, No Display	187	\$1,633.70	50%	\$816.85
BMTM000BAB01	Input Power Supply: 230 VAC, with Enclosure and Touch Screen Operator Display	187	\$2,362.12	50%	\$1,181.06
BMTM000CAB00	Input Power Supply: 230 VAC, Frame Mount, No Display	187	\$1,425.27	50%	\$712.64
ZN517 Products					
4950 0496	Tracer ZN517 Unitary Controller with Plastic Cover	639	\$400.00	50%	\$200.00
4950 0596	Tracer ZN517 Unitary Controller with Metal Enclosure	639	\$471.58	50%	\$235.79
VV551 Products					
4020 1219	Tracer VV551 Single Duct VAV Controller	640	\$333.34	50%	\$166.67

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4020 1220	Tracer VV551 Single Duct VAV Controller w/ Belimo Actuator	640	\$439.30	50%	\$219.65
4020 1221	Tracer VV551 Single Duct VAV Controller w/ Trane Actuator	640	\$403.51	50%	\$201.76
MP503 Products					
4950 0490	Tracer MP503 Setpoint Controller with Plastic Cover	641	\$335.02	50%	\$167.51
4950 0590	Tracer MP503 Setpoint Controller w/ Metal Enclosure	641	\$398.07	50%	\$199.03
EX2 Products					
4950 0499	EX2 Expansion Module with Plastic Cover	642	\$687.02	50%	\$343.51
4950 0500	EX2 Expansion Module with Metal Enclosure	642	\$758.60	50%	\$379.30
AH541 Products					
4950 0468	Standalone Operator Display	644	\$819.66	50%	\$409.83
4950 0491	Portable, Display with Case	644	\$888.43	50%	\$444.21
BMTA000AAB00	Tracer AH541 Air Handler Controller (BMTA) Power = 120 VAC with Enclosure, No Display	644	\$962.11	50%	\$481.06
BMTA000AAB01	Tracer AH541 Air Handler Controller (BMTA) Power = 120 VAC with Enclosure and Display	644	\$1,690.54	50%	\$845.27
BMTA000BAB00	Tracer AH541 Air Handler Controller (BMTA) Power = 230 VAC with Enclosure, No Display	644	\$962.11	50%	\$481.06
BMTA000BAB01	Tracer AH541 Air Handler Controller (BMTA) Power = 230 VAC with Enclosure and Display	644	\$1,690.54	50%	\$845.27
BMTA000CAB00	Tracer AH541 Air Handler Controller (BMTA) Power = No Power Supply for Unit Frame Mount, No Display	644	\$761.41	50%	\$380.70
ZN521 Products					
4950 0470	Tracer ZN521 Zone Controller with Plastic Cover	645	\$380.35	50%	\$190.18
4950 0570	Tracer ZN521 Zone Controller with Metal Enclosure	645	\$451.93	50%	\$225.97
Tenant Services					
TSTS-STD	Tenant Services STD Workstation	648	\$19,360.30	50%	\$9,680.15
UC/SC Products					
BMUC400AAA0100011	Controller UC400 (Quantity 1-19)	1010	\$626.00	50%	\$313.00
BMUC400AAA0100011	Controller UC400 (Quantity 20-49)	1010	\$530.00	50%	\$265.00
BMUC400AAA0100011	Controller UC400 (Quantity 50+)	1010	\$396.00	50%	\$198.00
X13651534010	Controller UC400 13" DIN Rail Encl w/ 115V transfm	1010	\$290.00	50%	\$145.00
X13651559010	Controller UC400 13" DIN Rail Enclosure 120V	1010	\$290.00	50%	\$145.00
X13651552010	Controller UC400 24" DIN Rail Enclosure 120V	1010	\$892.00	50%	\$446.00
X13651554010	Controller UC400 24" DIN Rail Enclosure 230V	1010	\$892.00	50%	\$446.00
X13651537010	Controller UC400 4 Point UI/AO Expansion Module	1010	\$270.00	50%	\$135.00
X1365152401	Controller UC400 BACnet Term (2 pack)	1010	\$58.00	50%	\$29.00
X1365153801	Controller UC400 PM014 24VAC to 1.4A 24VDC	1010	\$186.00	50%	\$93.00
X13651563010	Controller UC400 XM32 Module (4 Relay)	1010	\$270.00	50%	\$135.00
BMUC600AAA0100011	Controller Tracer UC600 Controller	536	\$866.00	50%	\$433.00
X13651559010	Controller UC600 13" DIN Rail Enclosure 120V	536	\$290.00	50%	\$145.00

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X13651552010	Controller UC600 24" DIN Rail Enclosure 120V	536	\$892.00	50%	\$446.00
X13651563010	Controller UC600 XM32 Module (4 Relay)	536	\$270.00	50%	\$135.00
X13651571010	TD7 Display	536	\$1,467.00	50%	\$733.50
X13651568010	XM70 Expansion Module	536	\$978.00	50%	\$489.00
X45091562010	Tracer XT Soft Kit, 700 I/O pts 200 historian tags	949	\$49,553.00	50%	\$24,776.50
X45091562020	Tracer XT Soft Kit 1,500 I/O pts 300 historian tag	949	\$80,112.00	50%	\$40,056.00
X45091562030	Tracer XT Soft Kit 35,000 I/O pts 600 histor tag	949	\$101,947.00	50%	\$50,973.50
BMCF000AAA0AD00	SC 120 software licenses for 120 devices	1009	\$7,110.00	50%	\$3,555.00
X13651534010	SC 13" DIN Rail Enclosure w/ 115V Transformer	1009	\$290.00	50%	\$145.00
BMCF000AAA0AB00	SC 30 software licenses for 30 devices	1009	\$1,346.00	50%	\$673.00
BMCF000AAA0AC00	SC 60 software licenses for 60 devices	1009	\$3,268.00	50%	\$1,634.00
X1365152401	SC BACnet Term (2 pack)	1009	\$58.00	50%	\$29.00
BMSC000AAA011000	SC Tracer SC with power supply	1009	\$1,623.68	50%	\$811.84
X4025010101	Tracer ES License-New/Add'l (Qty 1-15)	643	\$1,979.74	50%	\$989.87
X4025010701	Tracer ES Express Bundle w/ Server HW & 1 License	643	\$4,999.82	50%	\$2,499.91

Lynxspring Products					
JENE-PC1064	JENE-PC1064 Controller with Core Software for Lynxspring Business Partners. Includes 64 MB RAM/64 MB Flash, 2 10/100 Mb Ethernet ports, (1) RS-485 serial port, (1) RS-232 serial port, NDIO port and 2 communication card option slots. The JENE PC 1000 is designed for DIN rail mounting. See JENE PC 1000 Drivers/Licenses Options for Additional Software. Power supply is not included - see Hardware Options	JENE-PC1064	\$4,100.00	50%	\$2,050.00
JENE-PC1128	JENE-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 serial port, (1) RS-232 serial port, NDIO port and 2 communication card option slots. The JENE PC 1000 is designed for DIN rail mounting. See JENE PC 1000 Drivers/Licenses Options for Additional Software. 128 MB Memory Upgrade Included Power supply is not included - see Hardware Options	JENE-PC1128	\$5,100.00	50%	\$2,550.00
JENE-PC1-128-LIC	JENE PC1000 128MB Extended Memory License Upgrade Fee	JENE-PC1-128-LIC	\$1,066.66	50%	\$533.33
JENE-PC1-UI-LIC	JENE-PC1000 WebUI License (Recommended for 128MB Licensed Units)	JENE-PC1-UI-LIC	\$1,720.00	50%	\$860.00
JENE-PC1-EP-LIC	JENE-PC1000 Embedded ProBuilder License (Requires purchase of JENE-PC1-UI-LIC License)	JENE-PC1-EP-LIC	\$1,160.00	50%	\$580.00
JENE-PC1-NC-LIC	JENE-PC1000 Niagara™ Network Connectivity License (FOX)	JENE-PC1-NC-LIC	\$1,160.00	50%	\$580.00
JENE-PC1-BACNETIP-LIC	JENE-PC1000 BACnet IP Connectivity License (Client and Server)	JENE-PC1-BACNETIP-LIC	\$1,972.00	50%	\$986.00
JENE-PC1-MSTP-LIC	JENE-PC1000 BACnet MS/TP Driver (Client and Server)	JENE-PC1-MSTP-LIC	\$1,560.00	50%	\$780.00
JENE-PC1-MSTP-CLIENT-LIC	JENE-PC1000 BACnet MS/TP Driver (Client Only)	JENE-PC1-MSTP-CLIENT-LIC	\$1,072.00	50%	\$536.00

Model Number	Product Description	Product Code	List Price	% Discount	NYS Net Price
JENE-PC1-BACNET-SERVER-LIC	JENE-PC1000 BACnet Server Add (Allows Export Capability for Client Only BACnetIP or MSTP Licenses)	JENE-PC1-BACNET-SERVE	\$800.00	50%	\$400.00
JENE-PC1-LONCARD-LIC	JENE-PC1000 LonTalk Communication Module Card & Lon License	JENE-PC1-LONCARD-LI	\$1,744.80	50%	\$872.40
JENE-PC1-LON-LIC	JENE-PC1000 LonTalk License Only	JENE-PC1-LON-LIC	\$1,072.00	50%	\$536.00
JENE-PC1-ILON-LIC	JENE-PC1000 LON over IP, using CEA-852, communicates through IP/LON router. (Lynxspring does not provide IP/LON routers.)	JENE-PC1-ILON-LIC	\$2,000.00	50%	\$1,000.00
JENE-PC1-MODBUS-RTU-CLIENT-LIC	JENE-PC1000 Modbus RTU Client Serial Driver	JENE-PC1-MODBUS-RTU-CLIE	\$1,072.00	50%	\$536.00
JENE-PC1-MODBUS-RTU-SLAVE-LIC	JENE-PC1000 Modbus RTU Slave Serial Driver	JENE-PC1-MODBUS-RTU-SLA	\$1,554.40	50%	\$777.20
JENE-PC1-MODBUS-TCP-CLIENT-LIC	JENE-PC1000 Modbus TCP Client Driver	JENE-PC1-MODBUS-TCP-CLIE	\$1,072.00	50%	\$536.00
JENE-PC1-MODBUS-TCP-SLAVE-LIC	JENE-PC1000 Modbus TCP Slave Driver	JENE-PC1-MODBUS-TCP-SLA	\$1,554.40	50%	\$777.20
JENE-PC1-SNMP-LIC	JENE-PC1000 SNMP Service Driver License Service	JENE-PC1-SNMP-LIC	\$1,072.00	50%	\$536.00
JENE-PC1-EIB-LIC	JENE-PC1000 EIB / Konnex IP Driver, connects to an EIB/KNX network via an IP to EIB interface	JENE-PC1-EIB-LIC	\$1,072.00	50%	\$536.00
JENE-PC1-MBUS-LIC	JENE-PC1000 M-Bus network via an RS-232 to M-Bus interface	JENE-PC1-MBUS-LIC	\$1,072.00	50%	\$536.00
JENE-PC1-ZWAV-LIC	JENE-PC1000 Driver to connect to a Z-Wave wireless network via an RS-232 to Z-Wave interface	JENE-PC1-ZWAV-LIC	\$1,072.00	50%	\$536.00
JENE-PC1-FLEX-LIC	JENE-PC1000 Flexible Serial Driver License Service	JENE-PC1-FLEX-LIC	\$1,072.00	50%	\$536.00
JENE-PC1-N2C-LIC	JENE-PC1000 N2 Driver Service (Client Only)	JENE-PC1-N2C-LIC	\$7,125.00	50%	\$3,562.50
JENE-PC1-N2-LIC	JENE-PC1000 N2 Driver Service (Server Only - Use this driver to export N2 data to an existing system)	JENE-PC1-N2-LIC	\$4,000.00	50%	\$2,000.00
JENE-PC1-ASD-LIC	JENE-PC1000 Network 8000 ASD Driver	JENE-PC1-ASD-LIC	\$7,500.00	50%	\$3,750.00
JENE-PC1-GCM-LIC	JENE-PC1000 Network 8000 GCM Driver	JENE-PC1-GCM-LIC	\$7,500.00	50%	\$3,750.00
JENE-PC6128	JENE-PC6128 Controller with Core Software for Lynxspring Business Partners. Includes 128 MB RAM/128 MB Flash, 2 10/100 Mb Ethernet ports, (1) RS-485 serial port, (1) RS-232 serial port, NDIO port and 2 communication card option slots. The JENE PC 6000 is designed for DIN rail mounting. SEE JENE PC 6000 Drivers/Licenses Options for Additional Software and Memory Upgrade. Requires AX release 3.2 or higher. Power supply is not included - see Hardware Options	JENE-PC6128	\$7,400.00	50%	\$3,700.00
JENE-PC6256	JENE-PC6256 Controller with Core Software & JENE-PC6-256-LIC Upgrade for Lynxspring Business Partners. Includes 256 MB RAM/128 MB Flash, 2 10/100 Mb Ethernet ports, (1) RS-485 serial port, (1) RS-232 serial port, NDIO port and 2 communication card option slots. The JENE PC 6000 is designed for DIN rail mounting. SEE JENE PC 6000 Drivers/Licenses Options for Additional Software. 256 MB Memory Upgrade Included. Requires AX release 3.2 or higher. Power supply is not included - see Hardware Options	JENE-PC6256	\$10,100.00	50%	\$5,050.00
JENE-PC6-256-LIC	JENE-PC6000 256 MB Extended Memory License Upgrade Fee	JENE-PC6-256-LIC	\$2,700.00	50%	\$1,350.00
JENE-PC6-UI-LIC	JENE-PC6000 Web UI License	JENE-PC6-UI-LIC	\$3,100.00	50%	\$1,550.00

Model Number	Product Description	Product Code	List Price	% Discount	NYS Net Price
JENE-PC6-EP-LIC	JENE PC6000 Embedded ProBuilder License (Requires purchase of JENE-PC6-UI-LIC License)	JENE-PC6-EP-LIC	\$1,160.00	50%	\$580.00
JENE-PC6-NC-LIC	JENE-PC6000 Niagara™ Network Connectivity License (FOX)	JENE-PC6-NC-LIC	\$2,000.00	50%	\$1,000.00
JENE-PC6-BACNETIP-LIC	JENE-PC6000BACnet IP Connectivity License (Client and Server)	JENE-PC6-BACNETIP-LIC	\$2,000.00	50%	\$1,000.00
JENE-PC6-MSTP-LIC	JENE-PC6000 BACnet MS/TP Driver (Client and Server)	JENE-PC6-MSTP-LIC	\$1,560.00	50%	\$780.00
JENE-PC6-MSTP-CLIENT-LIC	JENE-PC6000 BACnet MS/TP Driver (Client Only)	JENE-PC6-MSTP-CLIENT-LIC	\$1,072.00	50%	\$536.00
JENE-PC6-BACNET-SERVER-LIC	JENE-PC6000 BACnet Server Add (Allows Export Capability for Client Only BACnetIP or MSTP Licenses)	JENE-PC6-BACNET-SERVER-LIC	\$800.00	50%	\$400.00
JENE-PC6-LONCARD-LIC	JENE-PC6000 LonTalk Communication Module Card & Lon License	JENE-PC6-LONCARD-LIC	\$2,133.76	50%	\$1,066.88
JENE-PC6-LON-LIC	JENE-PC6000 LonTalk License Only	JENE-PC6-LON-LIC	\$1,072.00	50%	\$536.00
JENE-PC6-ILON-LIC	JENE-PC6000 LON over IP, using CEA-852, communicates through IP/LON router. (Lynxspring does not provide IP/LON routers.)	JENE-PC6-ILON-LIC	\$2,000.00	50%	\$1,000.00
JENE-PC6-MODBUS-RTU-CLIENT-LIC	JENE-PC6000 Modbus RTU Client Serial Driver	JENE-PC6-MODBUS-RTU-CLIENT-LIC	\$1,072.00	50%	\$536.00
JENE-PC6-MODBUS-RTU-SLAVE-LIC	JENE-PC6000 Modbus RTU Slave Serial Driver	JENE-PC6-MODBUS-RTU-SLAVE-LIC	\$1,554.40	50%	\$777.20
JENE-PC6-MODBUS-TCP-CLIENT-LIC	JENE-PC6000 Modbus TCP Client Driver	JENE-PC6-MODBUS-TCP-CLIENT-LIC	\$1,072.00	50%	\$536.00
JENE-PC6-MODBUS-TCP-SLAVE-LIC	JENE-PC6000 Modbus TCP Slave Driver	JENE-PC6-MODBUS-TCP-SLAVE-LIC	\$1,554.40	50%	\$777.20
JENE-PC6-SNMP-LIC	JENE-PC6000 SNMP Service Driver License Service	JENE-PC6-SNMP-LIC	\$1,072.00	50%	\$536.00
JENE-PC6-EIB-LIC	JENE-PC1000 EIB / Konnex IP Driver, connects to an EIB/KNX network via an IP to EIB interface	JENE-PC6-EIB-LIC	\$1,072.00	50%	\$536.00
JENE-PC6-MBUS-LIC	JENE-PC1000 M-Bus network via an RS-232 to M-Bus interface	JENE-PC6-MBUS-LIC	\$1,072.00	50%	\$536.00
JENE-PC6-ZWAV-LIC	JENE-PC1000 Driver to connect to a Z-Wave wireless network via an RS-232 to Z-Wave interface	JENE-PC6-ZWAV-LIC	\$1,072.00	50%	\$536.00
JENE-PC6-FLEX-LIC	JENE-PC6000 Flexible Serial Driver License Service	JENE-PC6-FLEX-LIC	\$1,072.00	50%	\$536.00
JENE-PC6-N2C-LIC	JENE-PC6000 N2 Driver Service (Client Only)	JENE-PC6-N2C-LIC	\$10,291.66	50%	\$5,145.83
JENE-PC6-N2-LIC	JENE-PC6000 N2 Driver Service (Server Only - Use this driver to export N2 data to an existing system)	JENE-PC6-N2-LIC	\$8,000.00	50%	\$4,000.00
JENE-PC6-ASD-LIC	JENE-PC6000 Network 8000 ASD Driver	JENE-PC6-ASD-LIC	\$10,833.34	50%	\$5,416.67
JENE-PC6-GCM-LIC	JENE-PC6000 Network 8000 GCM Driver	JENE-PC6-GCM-LIC	\$10,833.34	50%	\$5,416.67
JENE-PCLCD	LCD Operator's Panel / Diagnostic Tool	JENE-PCLCD	\$1,800.00	50%	\$900.00
JENE-PC-LONCARD	JENE-PC1000/6000 Series LonTalk Communication Module Card (Lon Card Only)	JENE-PC-LONCARD	\$1,039.28	50%	\$519.64
JENE-PC-485	JENE-PC1000/6000 Series Dual Port RS-485 Communication Module Card	JENE-PC-485	\$1,116.66	50%	\$558.33
JENE-PC-232	JENE-PC1000/6000 Series RS-232 Communication Module Card	JENE-PC-232	\$1,050.00	50%	\$525.00
JENE-PC-WWPM-120	JENE- PC1000/6000 Series Wall Power Module 120Vac, 60Hz (Wal-Wart)	JENE-PC-WWPM-120	\$288.00	50%	\$144.00
JENE-PC-WWPM-230	JENE- PC1000/6000 Series Wall Power Module 230Vac, 60Hz (Wal-Wart)	JENE-PC-WWPM-230	\$288.00	50%	\$144.00
JENE-PC-PWR-UN	JENE- PC1000/6000 90 - 263 V AC 50 / 60 Hz Auto sensing Power Supply Module, DIN Rail Mountable Not required with purchase of IO-34	JENE-PC-PWR-UN	\$700.00	50%	\$350.00

Model Number	Product Description	Product Code	List Price	% Discount	NYS Net Price
JENE-PC-BPPM	JENE- PC1000/6000 Series Replacement Battery Power Pack	JENE-PC-BPPM	\$288.00	50%	\$144.00
JENE-PC-MODEMCARD	JENE-PC1000/6000 Series 56Kbps Modem Communication Module Card	JENE-PC-MODEMCARD	\$1,520.64	50%	\$760.32
LIC-CHG	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.	LIC-CHG	\$583.34	50%	\$291.67
JENE-U-AX	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	\$1,000.00	50%	\$500.00
DR-APHP-AX	American Automatrix PHP over RS-232 or RS-485	DR-APHP-AX	\$8,333.34	50%	\$4,166.67
DR-APUP-AX	American Automatrix PUP over RS-232 or RS-485	DR-APUP-AX	\$8,333.34	50%	\$4,166.67
DR-AC-AX	Andover AC256 over RS-232 or RS-485	DR-AC-AX	\$8,333.34	50%	\$4,166.67
DR-GLOB-AX	Enables control of IR controlled AV equipment via an RS-232 connection to a Global Cache FC module.	DR-GLOB-AX	\$2,000.00	50%	\$1,000.00
DR-HELV-AX	Helvar Lighting Control Driver	DR-HELV-AX	\$2,000.00	50%	\$1,000.00
DR-HORT-AX	Driver for European Hortsmann meters	DR-HORT-AX	\$2,000.00	50%	\$1,000.00
DR-JOS-AX	Josam Grease Trap Sensor	DR-JOS-AX	\$2,000.00	50%	\$1,000.00
DR-LANG-AX	Lang Oven over RS-232 or RS-485	DR-LANG-AX	\$2,000.00	50%	\$1,000.00
DR-SMS-AX	Enables SMS alarms to be sent to any mobile phone via a GSM/GPRS modem connected to the RS-232 serial port	DR-SMS-AX	\$2,000.00	50%	\$1,000.00
DR-VDRT-AX	VeederRoot over RS-232 or RS-485	DR-VDRT-AX	\$2,000.00	50%	\$1,000.00
JENE-SUP	JENEsys™ Supervisor software for Windows XP or Windows 2000 (Includes One Copy of ProBuilder-AX)	JENE-SUP	\$22,050.00	50%	\$11,025.00
JENE-SUP-SBS	Small Building System JENEsys™ Supervisor Software for up to 3 JENE controllers	JENE-SUP-SBS	\$13,126.66	50%	\$6,563.33
JENE-SUP-SBS-UP-LIC	Small Building System JENEsys™ Supervisor Upgrade to Standard JENEsys™ Supervisor	JENE-SUP-SBS-UP-LIC	\$13,400.00	50%	\$6,700.00
VES-JENE-SBS-SUP	Small Web Supervisor (S-AX-SBS) bundled with VES-BASE-AX	VES-JENE-SBS-SUP	\$26,233.32	50%	\$13,116.66
VES-JENE-SUP	Standard Web Supervisor (AX-Supervisor) bundled with VES-BASE-AX	VES-JENE-SUP	\$35,156.64	50%	\$17,578.32
JENE-PRO-AX	Additional Copy of ProBuilder for End Users	JENE-PRO-AX	\$9,269.22	50%	\$4,634.61
ALM-CONSOLE-AX	The Alarm Console client. No separate server is required. Supports both Supervisor and Niagara device alarm monitoring.	ALM-CONSOLE-AX	\$615.38	50%	\$307.69
JENE-SUP-SQL-LIC	Microsoft SQL Database Driver	JENE-SUP-SQL-LIC	\$6,666.66	50%	\$3,333.33
JENE-SUP-ORCL-LIC	Oracle Database Driver	JENE-SUP-ORCL-LIC	\$25,000.00	50%	\$12,500.00
JENE-SUP-DB2-LIC	IBM DB2 Database Driver	JENE-SUP-DB2-LIC	\$25,000.00	50%	\$12,500.00
JENE-SUP-CSV	Allows Excel and CSV file data to be imported into Niagara AX	JENE-SUP-CSV	\$5,666.66	50%	\$2,833.33
JENE-SUP-OBX-LIC	AX Supervisor oBIX Driver for connecting to any devices not powered by Niagara, includes license for 500 oBIX points	JENE-SUP-OBX-LIC	\$14,666.66	50%	\$7,333.33
JENE-SUP5-OBX500-LIC	Additional 500 point block for AX Supervisor oBIX Driver	JENE-SUP5-OBX500-LIC	\$5,583.32	50%	\$2,791.66

Model Number	Product Description	Product Code	List Price	% Discount	NYS Net Price
JENE-SUP-BACNETIP-LIC	JENEsys™ Supervisor BACnet IP Driver - Includes license for 500 BACnet IP points.	JENE-SUP-BACNETIP-LIC	\$14,666.66	50%	\$7,333.33
JENE-SUP-BACNETIP500-LIC	Additional 500 point block for JENEsys™ Supervisor BACnet IP Driver	JENE-SUP-BACNETIP500-LIC	\$5,583.32	50%	\$2,791.66
JENE-SUP-BACNETIP-SERVER-LIC	Ability to serve BACnet IP on the JENEsys™ Supervisor level. Requires purchase of JENE-SUP-IP-LIC, point count equals already purchased BACnet IP points.	JENE-SUP-BACNETIP-SERVER-LIC	\$4,000.00	50%	\$2,000.00
JENE-SUP-OPC-LIC	JENEsys™ Supervisor OPC Driver - Includes license for 500 OPC points.	JENE-SUP-OPC-LIC	\$14,666.66	50%	\$7,333.33
JENE-SUP-OPC500-LIC	Additional 500 point block for JENEsys™ Supervisor OPC Driver	JENE-SUP-OPC500-LIC	\$5,583.32	50%	\$2,791.66
JENE-SUP-MODBUS-LIC	JENEsys™ Supervisor Modbus TCP Driver - Includes license for 500 Modbus TCP points.	JENE-SUP-MODBUS-LIC	\$14,666.66	50%	\$7,333.33
JENE-SUP-MODEBUS500-LIC	Additional 500 Point Block for JENEsys™ Supervisor Modbus TCP Driver	JENE-SUP-MODEBUS500-LIC	\$5,583.32	50%	\$2,791.66
JENE-SUP-SNMP-LIC	JENEsys™ Supervisor SNMP Driver - Includes license for 500 SNMP points	JENE-SUP-SNMP-LIC	\$14,666.66	50%	\$7,333.33
JENE-SUP-SNMP500-LIC	Additional 500 point block for JENEsys™ Supervisor SNMP Driver	JENE-SUP-SNMP500-LIC	\$5,583.32	50%	\$2,791.66
SUP-U-AX	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	\$3,333.34	50%	\$1,666.67
LIC-CHG	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.	LIC-CHG	\$583.34	50%	\$291.67
10023	Battery for JENE 4 or JENE 5	10023	\$213.34	50%	\$106.67
10026	LON trunk 2-position connector plug (Old # C75-N0003)	10026	\$31.66	50%	\$15.83
10027	JENE 5 RS-485 3-position connector plug (Old # C75-N0007)	10027	\$28.34	50%	\$14.17
10139	6 position input/output connector	10139	\$53.34	50%	\$26.67
10140	Weidmuller 3-position straight connector	10140	\$31.66	50%	\$15.83
10148	RJ-45 adapter to DB-9 (female connectors on both ends, for use with cables below)	10148	\$193.34	50%	\$96.67
10149	499 ohm resistor, 1%, 0.6w.	10149	\$10.00	50%	\$5.00
10180	4 foot silver satin cable (male RJ-45 both ends)	10180	\$80.00	50%	\$40.00
10181	10 foot silver satin cable (male RJ-45 both ends)	10181	\$80.00	50%	\$40.00
10182	25 foot silver satin cable (male RJ-45 both ends)	10182	\$80.00	50%	\$40.00
10389	Transformer assemblies for the JENE-403 and JENE-545	10389	\$556.66	50%	\$278.33
10390	Transformer assemblies for the international version of JENE-403 and JENE-545	10390	\$556.66	50%	\$278.33
R-J-403-AX	Refurbished, out-of-warranty replacement JENE-403 circuit board. Includes 90 day warranty.	R-J-403-AX	\$9,555.00	50%	\$4,777.50
R-J-545-AX	Refurbished, out-of-warranty replacement JENE-545 circuit board. Includes 90 day warranty.	R-J-545-AX	\$11,466.66	50%	\$5,733.33

Model Number	Product Description	Product Code	List Price	% Discount	NYS Net Price
R-J-403-AX-EM	Refurbished, out-of-warranty replacement JENE-403-EM circuit board. Includes 90 day warranty. Customers can buy for Stock.	R-J-403-AX-EM	\$10,606.66	50%	\$5,303.33
R-J-545-AX-EM	Refurbished, out-of-warranty replacement JENE-545-EM circuit board. Includes 90 day warranty. Customers can buy for Stock.	R-J-545-AX-EM	\$12,516.66	50%	\$6,258.33
10600	15 position connector	10600	\$210.00	50%	\$105.00
10599	12 position connector	10599	\$166.66	50%	\$83.33
10598	2 position connector	10598	\$31.66	50%	\$15.83
10429	6-position end mount, screw terminal connector plug for expansion modules not mounted in line.	10429	\$73.34	50%	\$36.67

Factory Installed Control Products

For items listed below see notes on cost and customization charges in next two rows

		Not to Exceed Cost for all chillers, apparatus, etc. outlined below. Note: Pricing will vary depending on unit and configuration, to be determined between Trane engineer and customer at time of purchase, not to exceed this line item cost.	\$10,000,000	50%	\$5,000,000
		Any additional customization costs determined by the factory and authorized user to be necessary for the project installation.	\$1,000,000	50%	\$500,000
	Cost Item				
	Customization Charge				
Model Number	Product Description	Product Code			
385	Split System Air-Cooled Condensing Units (20 - 60 tons)	385			
386	Split System Air-Cooled Condensing Units (80 - 120 tons)	386			
361	Split System Air-Cooled Condensing Units (20 - 60 tons)	361			
362	Split System Air-Cooled Condensing Units (80 - 120 tons)	362			
383	Single-Zone Rooftop Air Conditioners (20 - 75 tons) IntelliPak™	383			
382	Single-Zone Rooftop Air Conditioners (27 1/2 - 50 tons) Voyager™ III	382			
289	Single-Zone Rooftop Air Conditioners Voyager™ II	289			
390	Single-Zone Rooftop Air Conditioners Precedent™	390			
347	CenTraVac™ Water-Cooled Centrifugal Liquid Chillers (1500 - 3950 Tons)	347			

Model Number	Product Description	Product Code	List Price	% Discount	NYS Net Price
347	CenTraVac™ Water-Cooled Centrifugal Liquid Chillers (170 - 500 Tons)	347			
347	CenTraVac™ Water-Cooled Centrifugal Liquid Chillers (350 - 1720 Tons)	347			
50	Performance Climate Changer™ Air Handler - Unit Sizes 3-120.	50			
150	<p>Modular (M-Series) Climate Changer Air Handlers</p> <p>The M-Series air handler is a customizable, cataloged air handler for indoor commercial and industrial applications. With its modular, "building-block" construction and vast array of standard and custom-engineered modules, it can be configured in any number of arrangements to meet space and retrofit requirements. Pre-engineered options meet demanding energy, acoustic, and ventilation requirements.</p>	150			
151	<p>T-Series Climate Changer Air Handlers</p> <p>The T-Series Climate Changer™ air handler addresses the need for a customizable outdoor air-handling system with the value and delivery cycles of cataloged units. Modular design and numerous standard and custom components provide the flexibility and performance requirements for most applications. The T-Series air handler uses the same fans, coils and filters as the M-Series air handler.</p>	151			
200	Low Voltage Controls for M or T-Series Climate Changer Air Handling Units	200			
218	High Voltage Controls for M or T-Series Climate Changer Air Handling Units	218			
154	Air Cooled Series R® Rotary Liquid Chillers (130-500 Tons)	154			
153	<p>Water-Cooled Series R® Rotary Liquid Chillers (175-450 Tons) - Utilize a single compressor/single circuit design with R-134a refrigerant. This model uses the CH530 control panel.</p>	153			
664	Air -Cooled Scroll Liquid Chiller (20-130 Tons) - Uses HFC-410A refrigerant.	664			
703	Water-Cooled Series R® Rotary Liquid Chillers (60-250 Tons)	703			
126	Water Source Heat Pumps - Optional Factory Mounted Controls	126			
242	Unit Ventilator Controls	242			
331	Water Source Heat Pumps - High Efficiency Console	331			

Varies Per Option. Please contact NYS Contact/ local Trane office for specific product option pricing. Pricing will be at or below the aforementioned "Not to Exceed" NYS Net Pricing.

Model Number	Product Description	Product Code	List Price	% Discount	NYS Net Price
331	Water Source Heat Pumps - Horizontal	331			
332	Water Source Heat Pump - Vertical Stack	332			
331	Water Source Heat Pumps - Vertical	331			
42	Horizontal Classroom Unit Ventilators	42			
77	Unit Ventilator Shelving and Accessories	77			
77	Unit Ventilator Sidewall Exhaust	77			
42	Vertical Classroom Unit Ventilators	42			
77	Unit Ventilator Accessories	77			
373	Variable Air Volume Terminals	373			
290	Blower Coil Air Handlers	290			
50	Low Pressure Climate Changer	50			
278	Fan Coil Units	278			
38	Cabinet Heaters	38			
176	Water Source Heat Pumps - High Efficiency Horizontal	176			
176	Water Source Heat Pumps - High Efficiency Vertical	176			
75	Water Source Heat Pumps - Commercial High Efficiency Water-to-water	75			

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%	\$141.04
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%	\$180.38
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%	\$143.76
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%	\$148.98
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%	\$141.39

LOTS 2/3: Region 1

PRODUCT, INSTALLATION, SYSTEMS INTEGRATION, and MAINTENANCE

MAINTENANCE 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, 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 not limited to scheduling, contract compliance, safety, customer liason, conflict resolution	\$110.00
Engineer	Design systems, provide drawing and technical documentation	\$125.00
Draftsman	Operate CAD system at direction of engineer	\$95.00
Trainer	Provide end user training on products installed	\$110.00

	Priority Emergency Service (8am-5pm)	Priority Emergency Service 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	\$137.07	\$205.61	\$132.46	\$198.69	\$132.46	\$198.69
Per Month	\$23,758.80	\$35,638.20	\$22,959.73	\$34,439.60	\$22,959.73	\$34,439.60
Per 1 Year	\$285,105.60	\$428,658.40	\$275,516.80	\$41,3275.20	\$275,516.80	\$413,275.20
Per 2 Years	\$570,211.20	\$855,316.60	\$551,033.60	\$626,550.40	\$551,033.50	\$875,550.40
Per 3 Years	\$855,315.80	\$1,282,975.50	\$626,550.40	\$1,239,825.60	\$826,550.40	\$1,239,625.60

PREVENTATIVE MAINTENANCE COST (If Applicable)

	Preventative Maintenance	Description (Indicate "See Attached" if on a Separate Page)
Per Hour	\$94.63	According to manager specifications
Per Month	\$16,402.53	According to manager specifications
Per 1 Year	\$196,630.80	According to manager specifications
Per 2 Years	\$393,660.80	According to manager specifications
Per 3 Years	\$590,491.20	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	\$94.63	\$94.63
Per Month	\$16,402.53	\$16,402.53
Per 1 Year	\$196,630.80	\$196,630.80
Per 2 Years	\$393,660.80	\$393,660.80
Per 3 Years	\$590,491.20	\$590,491.20

PREPAID ANNUAL MAINTENANCE DISCOUNT*

8%

COST OF MAINTENANCE REINSTATEMENT INSPECTION (IF APPLICABLE)**

94.63 per hour

TRAINING PER HOUR

\$110

Class Size (Number of People)

10

Length of Class (Number of Hours)

4 Increments

ADVANCED TRAINING PER HOUR*

\$125

Class Size (Number of People)

5

Length of Class (Number of Hours)

4 Increments

TRAINING COSTS FOR ADDITIONAL EMPLOYEES PER HOUR

\$25

ADDITIONAL DOCUMENTATION (If Applicable)

\$25 (COST PER COPY)

LOTs 2/3: Region 2

PRODUCT, INSTALLATION, SYSTEMS INTEGRATION, and MAINTENANCE

MAINTENANCE 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, 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 not limited to scheduling, contract compliance, safety, customer liason, conflict resolution	\$110.00
Engineer	Design systems, provide drawing and technical documentation	\$125.00
Draftsman	Operate CAD system at direction of engineer	\$95.00
Trainer	Provide end user training on products installed	\$110.00

	Priority Emergency Service (8am-5pm)	Priority Emergency Service 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	\$156.31	\$234.47	\$159.31	\$234.47	\$87.97	\$131.96
Per Month	\$27,093.73	\$40,640.60	\$27,093.73	\$40,640.50	\$15,246.13	\$22,872.20
Per 1 Year	\$325,124.60	\$487,687.20	\$325,124.80	\$487,687.20	\$182,922.60	\$274,466.60
Per 2 Years	\$650,249.60	\$975,374.40	\$650,249.60	\$975,374.40	\$365,955.20	\$548,932.60
Per 3 Years	\$975,374.40	\$1,463,061.60	\$975,975.40	\$1,463,061.60	\$548,932.60	\$823,399.20

PREVENTATIVE MAINTENANCE COST (If Applicable)

Bidders should indicate unit, e.g. hourly, monthly, yearly and provide a schedule fully describing the maintenance program as well as charges for equipment inspection prior to being covered by a maintenance plan.)

	Preventative Maintenance	Description (Indicate "See Attached" if on a Separate Page)
Per Hour	\$87.97	According to manager specifications
Per Month	\$15248.13	According to manager specifications
Per 1 Year	\$182,977.50	According to manager specifications
Per 2 Years	\$365,955.20	According to manager specifications
Per 3 Years	\$548,932.80	According to manager specifications

MAINTENANCE FOR PRODUCTS PURCHASED OUTSIDE OF AWARD 20191

If bidder intends to offer the aforementioned services, bidders should indicate unit, e.g. hourly, monthly, yearly and provide a schedule fully describing the maintenance program as well as charges for equipment inspection prior to being covered by a mai

	Rate of Maintenance for Products Purchased outside of Award RFP 20191	Inspection Cost
Per Hour	\$87.97	\$87.97
Per Month	\$15248.13	\$15248.13
Per 1 Year	\$182,977.50	\$182,977.50
Per 2 Years	\$365,955.20	\$365,955.20
Per 3 Years	\$548,932.80	\$548,932.80

PREPAID ANNUAL MAINTENANCE DISCOUNT*

8%

COST OF MAINTENANCE REINSTATEMENT INSPECTION (IF APPLICABLE)**

87.97 per hour

*Discounts to be used for Evaluation Purposes

**Information Only - Not to be used for Evaluation Purposes

TRAINING PER HOUR

\$110

	Class Size (Number of People)	10
	Length of Class (Number of Hours)	4 Increments
ADVANCED TRAINING PER HOUR*		\$125
	Class Size (Number of People)	5
	Length of Class (Number of Hours)	4 Increments
TRAINING COSTS FOR ADDITIONAL EMPLOYEES PER HOUR		\$25
ADDITIONAL DOCUMENTATION (If Applicable)		\$25 (COST PER COPY)

* Complete Course Description of any Advanced Training Must be Attached

LOTs 2/3: Region 3, 4

PRODUCT, INSTALLATION, SYSTEMS INTEGRATION, and MAINTENANCE

MAINTENANCE 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, 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 not limited to scheduling, contract compliance, safety, customer liason, conflict resolution	\$110.00
Engineer	Design systems, provide drawing and technical documentation	\$125.00
Draftsman	Operate CAD system at direction of engineer	\$95.00
Trainer	Provide end user training on products installed	\$110.00

	Priority Emergency Service (8am-5pm)	Priority Emergency Service 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	\$117.88	\$176.82	\$117.88	\$176.82	\$114.07	\$131.96
Per Month	\$20,432.53	\$30,648.80	\$20,432.53	\$30,648.80	\$19,772.13	\$22,872.20
Per 1 Year	\$245,190.40	\$367,785.60	\$245,190.40	\$367,785.60	\$237,265.60	\$274,466.60
Per 2 Years	\$490,380.80	\$735,571.20	\$490,380.80	\$735,571.20	\$474,531.20	\$548,932.60
Per 3 Years	\$735,751.20	\$1,103,356.80	\$735,751.20	\$1,103,356.80	\$711,796.60	\$823,399.20

PREVENTATIVE MAINTENANCE COST (If Applicable)

	Preventative Maintenance	Description (Indicate "See Attached" if on a Separate Page)
Per Hour	\$114.07	According to manager specifications
Per Month	\$19,772.13	According to manager specifications
Per 1 Year	\$237,265.60	According to manager specifications
Per 2 Years	\$474,531.20	According to manager specifications
Per 3 Years	\$711,796.60	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	\$114.07	\$114.07
Per Month	\$19,772.13	\$19,772.13
Per 1 Year	\$237,265.60	\$237,265.60
Per 2 Years	\$474,531.20	\$474,531.20
Per 3 Years	\$711,796.60	\$711,796.60

PREPAID ANNUAL MAINTENANCE DISCOUNT*

8%

COST OF MAINTENANCE REINSTATEMENT INSPECTION (IF APPLICABLE)**

\$114.07 per hour

TRAINING PER HOUR

\$110

Class Size (Number of People)

10

Length of Class (Number of Hours)

4 Increments

ADVANCED TRAINING PER HOUR*

\$125

Class Size (Number of People)

5

Length of Class (Number of Hours)

4 Increments

TRAINING COSTS FOR ADDITIONAL EMPLOYEES PER HOUR

\$25

ADDITIONAL DOCUMENTATION (If Applicable)

\$25 (COST PER COPY)

LOT 3: Region 5, 6

PRODUCT, INSTALLATION, SYSTEMS INTEGRATION, and MAINTENANCE

MAINTENANCE 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, 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 not limited to scheduling, contract compliance, safety, customer liason, conflict resolution	\$110.00
Engineer	Design systems, provide drawing and technical documentation	\$125.00
Draftsman	Operate CAD system at direction of engineer	\$95.00
Trainer	Provide end user training on products installed	\$110.00

	Priority Emergency Service (8am-5pm)	Priority Emergency Service 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	\$96.06	\$144.09	\$96.00	\$144.09	\$91.94	\$144.09
Per Month	\$16,650.40	\$24,975.60	\$16,650.40	\$24,975.60	\$16,650.40	\$24,975.60
Per 1 Year	\$199,804.80	\$299,707.20	\$199,804.80	\$299,707.20	\$199,804.80	\$299,707.20
Per 2 Years	\$399,609.60	\$624,390.00	\$399,609.60	\$624,390.00	\$399,609.90	\$624,390.00
Per 3 Years	\$599,414.40	\$924,097.20	\$599,414.40	\$924,097.20	\$599,414.40	\$924,097.20

PREVENTATIVE MAINTENANCE COST (If Applicable)

	Preventative Maintenance	Description (Indicate "See Attached" if on a Separate Page)
Per Hour	\$91.94	According to manager specifications
Per Month	\$15,936.27	According to manager specifications
Per 1 Year	\$191,236.20	According to manager specifications
Per 2 Years	\$382,470.40	According to manager specifications
Per 3 Years	\$573,705.60	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	\$91.94	\$91.94
Per Month	\$15,936.27	\$15,936.27
Per 1 Year	\$191,236.20	\$191,236.20
Per 2 Years	\$382,470.40	\$382,470.40
Per 3 Years	\$573,705.60	\$573,705.60

PREPAID ANNUAL MAINTENANCE DISCOUNT*

8%

COST OF MAINTENANCE REINSTATEMENT INSPECTION (IF APPLICABLE)**

\$91.94 per hour

TRAINING PER HOUR

\$110

Class Size (Number of People)

10

Length of Class (Number of Hours)

4 Increments

ADVANCED TRAINING PER HOUR*

\$125

Class Size (Number of People)

5

Length of Class (Number of Hours)

4 Increments

TRAINING COSTS FOR ADDITIONAL EMPLOYEES PER HOUR

\$25

ADDITIONAL DOCUMENTATION (If Applicable)

\$25 (COST PER COPY)

LOT 3: Region 7

PRODUCT, INSTALLATION, SYSTEMS INTEGRATION, and MAINTENANCE

MAINTENANCE 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, 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 not limited to scheduling, contract compliance, safety, customer liason, conflict resolution	\$110.00
Engineer	Design systems, provide drawing and technical documentation	\$125.00
Draftsman	Operate CAD system at direction of engineer	\$95.00
Trainer	Provide end user training on products installed	\$110.00

	Priority Emergency Service (8am-5pm)	Priority Emergency Service 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	\$90.18	\$135.27	\$90.18	\$135.27	\$86.06	\$129.09
Per Month	\$15,631.20	\$23,446.80	\$15,631.20	\$23,446.80	\$14,917.07	\$22,375.60
Per 1 Year	\$167,574.40	\$261,361.60	\$167,574.40	\$261,361.60	\$179,004.80	\$268,507.20
Per 2 Years	\$375,148.80	\$562,723.20	\$375,148.80	\$562,723.20	\$358,009.60	\$537,014.40
Per 3 Years	\$562,723.20	\$844,084.80	\$562,723.20	\$844,084.80	\$537,014.40	\$805,521.60

PREVENTATIVE MAINTENANCE COST (If Applicable)

	Preventative Maintenance	Description (Indicate "See Attached" if on a Separate Page)
Per Hour	\$86.06	According to manager specifications
Per Month	\$14,917.07	According to manager specifications
Per 1 Year	\$179,004.80	According to manager specifications
Per 2 Years	\$358,009.60	According to manager specifications
Per 3 Years	\$537,014.40	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	\$86.06	\$86.06
Per Month	\$14,917.07	\$14,917.07
Per 1 Year	\$179,004.80	\$179,004.80
Per 2 Years	\$358,009.60	\$358,009.60
Per 3 Years	\$537,014.40	\$537,014.40

PREPAID ANNUAL MAINTENANCE DISCOUNT*

8%

COST OF MAINTENANCE REINSTATEMENT INSPECTION (IF APPLICABLE)**

\$86.06 per hour

TRAINING PER HOUR

\$110

Class Size (Number of People)

10

Length of Class (Number of Hours)

4 Increments

ADVANCED TRAINING PER HOUR*

\$125

Class Size (Number of People)

5

Length of Class (Number of Hours)

4 Increments

TRAINING COSTS FOR ADDITIONAL EMPLOYEES PER HOUR

\$25

ADDITIONAL DOCUMENTATION (If Applicable)

\$25 (COST PER COPY)

LOT 3: Region 8

PRODUCT, INSTALLATION, SYSTEMS INTEGRATION, and MAINTENANCE

MAINTENANCE 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, diagnostics and installation	\$89.51
Systems Engineer	Software, network and programming functions	\$125.00
Project Manager	Manage product installation and field crews, to include but not limited to scheduling, contract compliance, safety, customer liason, conflict resolution	\$110.00
Engineer	Design systems, provide drawing and technical documentation	\$125.00
Draftsman	Operate CAD system at direction of engineer	\$95.00
Trainer	Provide end user training on products installed	\$110.00

	Priority Emergency Service (8am-5pm)	Priority Emergency Service 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	\$93.63	\$140.45	\$93.63	\$140.45	\$89.51	\$134.27
Per Month	\$16,229.20	\$24,343.80	\$16,229.20	\$24,343.80	\$15,515.07	\$22,272.60
Per 1 Year	\$194,750.40	\$292,125.60	\$194,750.40	\$292,125.60	\$186,180.80	\$279,271.20
Per 2 Years	\$389,500.80	\$584,251.20	\$389,500.80	\$584,251.20	\$372,361.60	\$558,542.40
Per 3 Years	\$584,251.20	\$676,376.80	\$584,251.20	\$676,376.80	\$558,542.40	\$837,813.60

PREVENTATIVE MAINTENANCE COST (If Applicable)

	Preventative Maintenance	Description (Indicate "See Attached" if on a Separate Page)
Per Hour	\$89.51	According to manager specifications
Per Month	\$15,515.07	According to manager specifications
Per 1 Year	\$186,180.80	According to manager specifications
Per 2 Years	\$372,361.60	According to manager specifications
Per 3 Years	\$558,542.40	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	\$89.51	89.51
Per Month	\$15,515.07	\$15,515.07
Per 1 Year	\$186,180.80	\$186,180.80
Per 2 Years	\$372,361.60	\$372,361.60
Per 3 Years	\$558,542.40	558,542.40

PREPAID ANNUAL MAINTENANCE DISCOUNT*

8%

COST OF MAINTENANCE REINSTATEMENT INSPECTION (IF APPLICABLE)**

\$89.51 per hour

TRAINING PER HOUR

\$110

Class Size (Number of People)

10

Length of Class (Number of Hours)

4 Increments

ADVANCED TRAINING PER HOUR*

\$125

Class Size (Number of People)

5

Length of Class (Number of Hours)

4 Increments

TRAINING COSTS FOR ADDITIONAL EMPLOYEES PER HOUR

\$25

ADDITIONAL DOCUMENTATION (If Applicable)

\$25 (COST PER COPY)

LOT 3: Region 9

PRODUCT, INSTALLATION, SYSTEMS INTEGRATION, and MAINTENANCE

MAINTENANCE 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, 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 not limited to scheduling, contract compliance, safety, customer liason, conflict resolution	\$110.00
Engineer	Design systems, provide drawing and technical documentation	\$125.00
Draftsman	Operate CAD system at direction of engineer	\$95.00
Trainer	Provide end user training on products installed	\$110.00

	Priority Emergency Service (8am-5pm)	Priority Emergency Service 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	\$90.59	\$135.89	\$90.59	\$135.89	\$86.39	\$129.59
Per Month	\$15,702.27	\$23,553.40	\$15,702.27	\$23,553.40	\$14,974.27	\$22,461.40
Per 1 Year	\$188,427.20	\$282,640.80	\$188,427.20	\$282,640.80	\$179,691.20	\$269,536.60
Per 2 Years	\$376,854.40	\$565,281.60	\$376,854.40	\$565,281.60	\$359,382.40	\$539,073.60
Per 3 Years	\$565,281.60	\$847,922.40	\$565,281.60	\$847,922.40	\$539,073.60	\$808,610.40

PREVENTATIVE MAINTENANCE COST (If Applicable)

	Preventative Maintenance	Description (Indicate "See Attached" if on a Separate Page)
Per Hour	\$86.39	According to manager specifications
Per Month	\$14,974.27	According to manager specifications
Per 1 Year	\$179,691.20	According to manager specifications
Per 2 Years	\$359,382.40	According to manager specifications
Per 3 Years	\$539,073.60	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	\$86.39	\$86.39
Per Month	\$14,974.27	\$14,974.27
Per 1 Year	\$179,691.20	\$179,691.20
Per 2 Years	\$359,382.40	\$359,382.40
Per 3 Years	\$539,073.60	\$539,073.60

PREPAID ANNUAL MAINTENANCE DISCOUNT*

8%

COST OF MAINTENANCE REINSTATEMENT INSPECTION (IF APPLICABLE)**

\$86.39 per hour

TRAINING PER HOUR

\$110

Class Size (Number of People)

10

Length of Class (Number of Hours)

4 Increments

ADVANCED TRAINING PER HOUR*

\$125

Class Size (Number of People)

5

Length of Class (Number of Hours)

4 Increments

TRAINING COSTS FOR ADDITIONAL EMPLOYEES PER HOUR

\$25

ADDITIONAL DOCUMENTATION (If Applicable)

\$25 (COST PER COPY)

New York State Office of General Services
 Group 77201 RFP 20191 - Security Systems and Solutions
 SECTION V.d

NYS Net Pricing Pages

LOT 3: 1

PRODUCT, INSTALLATION, SYSTEMS INTEGRATION, and MAINTENANCE

INSTALLATION 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, 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 not limited to scheduling, contract compliance, safety, customer liason, conflict resolution	\$110.00
Engineer	Design systems, provide drawing and technical 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)	10
	Length of Class (Number of Hours)	4 Increments
ADVANCED TRAINING PER HOUR*		\$125
	Class Size (Number of People)	5
	Length of Class (Number of Hours)	4 Increments
TRAINING COSTS FOR ADDITIONAL EMPLOYEES PER HOUR		\$25
ADDITIONAL DOCUMENTATION (If Applicable)		\$25 (COST PER COPY)

New York State Office of General Services
 Group 77201 RFP 20191 - Security Systems and Solutions
 SECTION V.d

NYS Net Pricing Pages

LOT 3: 2

PRODUCT, INSTALLATION, SYSTEMS INTEGRATION, and MAINTENANCE

INSTALLATION 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, 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 not limited to scheduling, contract compliance, safety, customer liason, conflict resolution	\$110.00
Engineer	Design systems, provide drawing and technical 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)	10
	Length of Class (Number of Hours)	4 Increments
ADVANCED TRAINING PER HOUR*		\$125
	Class Size (Number of People)	5
	Length of Class (Number of Hours)	4 Increments
TRAINING COSTS FOR ADDITIONAL EMPLOYEES PER HOUR		\$25
ADDITIONAL DOCUMENTATION (If Applicable)		\$25 (COST PER COPY)

New York State Office of General Services
 Group 77201 RFP 20191 - Security Systems and Solutions
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NYS Net Pricing Pages

LOT 3: Region 3, 4

PRODUCT, INSTALLATION, SYSTEMS INTEGRATION, and MAINTENANCE

INSTALLATION 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, 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 not limited to scheduling, contract compliance, safety, customer liason, conflict resolution	\$110.00
Engineer	Design systems, provide drawing and technical 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)	10
	Length of Class (Number of Hours)	4 Increments
ADVANCED TRAINING PER HOUR*		\$125
	Class Size (Number of People)	5
	Length of Class (Number of Hours)	4 Increments
TRAINING COSTS FOR ADDITIONAL EMPLOYEES PER HOUR		\$25
ADDITIONAL DOCUMENTATION (If Applicable)		\$25 (COST PER COPY)

New York State Office of General Services
 Group 77201 RFP 20191 - Security Systems and Solutions
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NYS Net Pricing Pages

LOT 3: Region 5, 6

PRODUCT, INSTALLATION, SYSTEMS INTEGRATION, and MAINTENANCE

INSTALLATION 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, 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 not limited to scheduling, contract compliance, safety, customer liason, conflict resolution	\$110.00
Engineer	Design systems, provide drawing and technical 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)	10
	Length of Class (Number of Hours)	4 Increments
ADVANCED TRAINING PER HOUR*		\$125
	Class Size (Number of People)	5
	Length of Class (Number of Hours)	4 Increments
TRAINING COSTS FOR ADDITIONAL EMPLOYEES PER HOUR		\$25
ADDITIONAL DOCUMENTATION (If Applicable)		\$25 (COST PER COPY)

New York State Office of General Services
 Group 77201 RFP 20191 - Security Systems and Solutions
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NYS Net Pricing Pages

LOT 3: Region 7

PRODUCT, INSTALLATION, SYSTEMS INTEGRATION, and MAINTENANCE

INSTALLATION 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, 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 not limited to scheduling, contract compliance, safety, customer liason, conflict resolution	\$110.00
Engineer	Design systems, provide drawing and technical 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)	10
	Length of Class (Number of Hours)	4 Increments
ADVANCED TRAINING PER HOUR*		\$125
	Class Size (Number of People)	5
	Length of Class (Number of Hours)	4 Increments
TRAINING COSTS FOR ADDITIONAL EMPLOYEES PER HOUR		\$25
ADDITIONAL DOCUMENTATION (If Applicable)		\$25 (COST PER COPY)

New York State Office of General Services
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NYS Net Pricing Pages

LOT 3: Region 8

PRODUCT, INSTALLATION, SYSTEMS INTEGRATION, and MAINTENANCE

INSTALLATION 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, diagnostics and installation	\$89.51
Systems Engineer	Software, network and programming functions	\$125.00
Project Manager	Manage product installation and field crews, to include but not limited to scheduling, contract compliance, safety, customer liason, conflict resolution	\$110.00
Engineer	Design systems, provide drawing and technical 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)	10
	Length of Class (Number of Hours)	4 Increments
ADVANCED TRAINING PER HOUR*		\$125
	Class Size (Number of People)	5
	Length of Class (Number of Hours)	4 Increments
TRAINING COSTS FOR ADDITIONAL EMPLOYEES PER HOUR		\$25
ADDITIONAL DOCUMENTATION (If Applicable)		\$25 (COST PER COPY)

* Complete Course Description of any Advanced Training Must be Attached

LOT 3: Region 9

PRODUCT, INSTALLATION, SYSTEMS INTEGRATION, and MAINTENANCE

INSTALLATION 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, 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 not limited to scheduling, contract compliance, safety, customer liason, conflict resolution	\$110.00
Engineer	Design systems, provide drawing and technical 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)	10
	Length of Class (Number of Hours)	4 Increments
ADVANCED TRAINING PER HOUR*		\$125
	Class Size (Number of People)	5
	Length of Class (Number of Hours)	4 Increments
TRAINING COSTS FOR ADDITIONAL EMPLOYEES PER HOUR		\$25
ADDITIONAL DOCUMENTATION (If Applicable)		\$25 (COST PER COPY)

LOT 3: Region 1

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	\$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, 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 not limited to scheduling, contract compliance, safety, customer liason, conflict resolution	\$110.00
Engineer	Design systems, provide drawing and technical 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)	10
	Length of Class (Number of Hours)	4 Increments
ADVANCED TRAINING PER HOUR*		\$125
	Class Size (Number of People)	5
	Length of Class (Number of Hours)	4 Increments
TRAINING COSTS FOR ADDITIONAL EMPLOYEES PER HOUR		\$25
ADDITIONAL DOCUMENTATION (If Applicable)		\$25 (COST PER COPY)

LOT 3: Region 2

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	\$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, 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 not limited to scheduling, contract compliance, safety, customer liason, conflict resolution	\$110.00
Engineer	Design systems, provide drawing and technical 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)	10
	Length of Class (Number of Hours)	4 Increments
ADVANCED TRAINING PER HOUR*		\$125
	Class Size (Number of People)	5
	Length of Class (Number of Hours)	4 Increments
TRAINING COSTS FOR ADDITIONAL EMPLOYEES PER HOUR		\$25
ADDITIONAL DOCUMENTATION (If Applicable)		\$25 (COST PER COPY)

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, 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 not limited to scheduling, contract compliance, safety, customer liason, conflict resolution	\$110.00
Engineer	Design systems, provide drawing and technical 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)	10
	Length of Class (Number of Hours)	4 Increments
ADVANCED TRAINING PER HOUR*		\$125
	Class Size (Number of People)	5
	Length of Class (Number of Hours)	4 Increments
TRAINING COSTS FOR ADDITIONAL EMPLOYEES PER HOUR		\$25
ADDITIONAL DOCUMENTATION (If Applicable)		\$25 (COST PER COPY)

LOT 3: Region 5, 6

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	\$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, 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 not limited to scheduling, contract compliance, safety, customer liason, conflict resolution	\$110.00
Engineer	Design systems, provide drawing and technical 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)	10
	Length of Class (Number of Hours)	4 Increments
ADVANCED TRAINING PER HOUR*		\$125
	Class Size (Number of People)	5
	Length of Class (Number of Hours)	4 Increments
TRAINING COSTS FOR ADDITIONAL EMPLOYEES PER HOUR		\$25
ADDITIONAL DOCUMENTATION (If Applicable)		\$25 (COST PER COPY)

LOT 3: Region 7

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	\$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, 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 not limited to scheduling, contract compliance, safety, customer liason, conflict resolution	\$110.00
Engineer	Design systems, provide drawing and technical 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)	10
	Length of Class (Number of Hours)	4 Increments
ADVANCED TRAINING PER HOUR*		\$125
	Class Size (Number of People)	5
	Length of Class (Number of Hours)	4 Increments
TRAINING COSTS FOR ADDITIONAL EMPLOYEES PER HOUR		\$25
ADDITIONAL DOCUMENTATION (If Applicable)		\$25 (COST PER COPY)

LOT 3: Region 8

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	\$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, diagnostics and installation.	\$89.51
Systems Engineer	Software, network and programming functions	\$125.00
Project Manager	Manage product installation and field crews, to include but not limited to scheduling, contract compliance, safety, customer liason, conflict resolution	\$110.00
Engineer	Design systems, provide drawing and technical 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)	10
	Length of Class (Number of Hours)	4 Increments
ADVANCED TRAINING PER HOUR*		\$125
	Class Size (Number of People)	5
	Length of Class (Number of Hours)	4 Increments
TRAINING COSTS FOR ADDITIONAL EMPLOYEES PER HOUR		\$25
ADDITIONAL DOCUMENTATION (If Applicable)		\$25 (COST PER COPY)

LOT 3: Region 9

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	\$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, 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 not limited to scheduling, contract compliance, safety, customer liason, conflict resolution	\$110.00
Engineer	Design systems, provide drawing and technical 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)	10
	Length of Class (Number of Hours)	4 Increments
ADVANCED TRAINING PER HOUR*		\$125
	Class Size (Number of People)	5
	Length of Class (Number of Hours)	4 Increments
TRAINING COSTS FOR ADDITIONAL EMPLOYEES PER HOUR		\$25
ADDITIONAL DOCUMENTATION (If Applicable)		\$25 (COST PER COPY)

HOW TO USE ELECTRONIC TECHNOLOGIES CORP., USA d/b/a INGERSOLL RAND SECURITY TECHNOLOGIES SUBCONTRACTORS:

Ingersoll Rand Security Technologies is a technology-based solutions provider of turn-key Integrated Security System Installations & Services. Ingersoll Rand utilizes and manages the support of professional, licensed subcontractors to provide additional services outside our core businesses to create and sustain safe, comfortable and efficient environments for our clients. These additional services may vary and may include, but not be limited to the following subcontracting services:

- Electrical contractors to install, modify, extend existing and/or furnish electrical equipment/material for electrical systems including, but not limited to, raceway, fiber optic & copper cabling, line voltage supply, control wiring, trenching, exterior lighting poles, perimeter fence & barriers, delta barriers, duct banks, ATS panels, UPS's, lighting, etc.
- Locksmiths to assist in the installation, modification, retro-fit of electrified, mechanical and finished door hardware.
- Communications cabling specialists to install, modify, and implement network system solutions, services, support and the installation of fiber and blown fiber backbone.
- Landscaping contractors to curb and prune overgrown landscaping causing obstruction to camera surveillance views and points of security access.
- Sprinkler contractors to install, modify, extend existing and/or furnish equipment/material for the installation and maintenance of sprinkler systems including, but not limited to, head end control panels, sprinkler piping raceway and sprinkler peripheral devices, etc., for wet and dry systems.

Ingersoll Rand is permitted under the Security Systems & Solutions procurement contract (Group 77201, Ingersoll Rand Contract PT64383) to utilize subcontracting services as defined above. Ingersoll Rand will consult with authorized users to ensure the utilization of qualified subcontractors is of best value, and to ensure the highest quality and best services when providing a turn-key solution. Ingersoll Rand will act as the Prime Contractor and be the single point of contact for the authorized user. Ingersoll Rand will take full ownership of work including the warranty

When consideration is made by Ingersoll Rand to utilize a subcontractor, three bids will be solicited for review. The list of the subcontractors will include a basic scope of work, years in business and regions where work is performed. Ingersoll Rand will offer these services at a fee not to exceed **cost plus 25%** of the subcontractors invoice. Subcontractors will provide services on a fixed price/lump sum basis, and will be required to meet current prevailing wage mandates for their respective trade.

Ingersoll Rand will demonstrate the cost of these services by submitting the original subcontractors' quote to the authorized user for review prior to the commencement of work. When applying for payment, Ingersoll Rand will issue an invoice that clearly notes all fees and a copy of the subcontractors' invoice will also be attached.

The noted fees include direct expenses to manage the subcontractor including, but not limited to:

- Expectation and development of work scope
- Management of contractor milestones.
- Procurement of subcontractor services including walkthrough's as necessary.

- Management of applicable project documentation and processes including: certified payroll, schedule of values, progress billing, work quality, shop drawings, submittals, as-built drawings, etc.
- Coordination process of project activity between trades.
- Periodic field review of work progress to ensure compliance of scope
- Inspection and testing of completed work.
- Periodic safety audits

Service:

The following rates apply when Time and Material Service is required:

All labor shall be charged as per Regional rates posted in contract.

All replacement of "On Contract Parts" shall be charged as per current NYS Contract posted rate.

List of Subcontractors

Name of Company	Scope of Work	Regions
Davis Ulmer Sprinkler Co., Inc. 7633 Edgecomb Drive Liverpool, NY 13088	sprinkler system maintenance	Statewide
Secure System, Inc. 1800 Bloomsbury Ave. Ocean, NJ 07712	wireless paging system maintenance	Statewide