

CLIN	Description	Qty	Unit	Unit Material Price	Unit Labor Hours	Labor \$/Hour	Unit Labor Price	Unit Total Price
0001	SUBMITTALS (SECTION 13807 & HVAC Specifications)							
0001AA	Technical Data Package I (As required in individual task order) (IAW para.1.4.2 & 1.4.2.1)	1	Lump Sum	N/A	N/A	N/A	N/A	N/A
0001AB	Technical Data Package II (As required in individual task order) (IAW para. 1.4.2 & 1.4.2.2)	1	Lump Sum	N/A	N/A	N/A	N/A	N/A
0001AC	Technical Data Package III (As required in individual task order) (IAW para. 1.4.2 & 1.4.2.3)	1	Lump Sum	N/A	N/A	N/A	N/A	N/A
0001AD	Technical Data Package IV (As required in individual task order) (IAW para. 1.4.2 & 1.4.2.4)	1	Lump Sum	N/A	N/A	N/A	N/A	N/A
0001AE	Technical Data Package V (As required in individual task order) (IAW para. 1.4.2 & 1.4.2.5)	1	Lump Sum	N/A	N/A	N/A	N/A	N/A
0001AF	Technical Data Package VI (As required in individual task order) (IAW para. 1.4.2 & 1.4.2.6)	1	Lump Sum	N/A	N/A	N/A	N/A	N/A
0001AG	HVAC Submittals	1	Lump Sum	N/A	N/A	N/A	N/A	N/A
0002	TESTING (SECTION 13807 & HVAC Specifications)							
0002AA	Factory Test (As required in individual task order) (IAW para. 1.5, 2.16.1 & 2.16.2)	1	Lump Sum	N/A	N/A	N/A	N/A	N/A
0002AB	HVAC Systems and Hydronic System Balancing (As required in individual task order) (IAW para. 1.2.2)	1	Lump Sum	N/A	N/A	N/A	N/A	N/A
0002AC	Testing, Adjusting, and Commissioning (As required in individual task order) (IAW para. 1.5, 3.4 & 3.4.1)	1	Lump Sum	N/A	N/A	N/A	N/A	N/A
0002AD	Performance Verification Test (As required in individual task order) (IAW para. 1.5, 3.4, & 3.4.2).	1	Lump Sum	N/A	N/A	N/A	N/A	N/A
0002AE	Endurance Test (As required in individual task order) (IAW para.1.5, 3.4, & 3.4.3).	1	Lump Sum	N/A	N/A	N/A	N/A	N/A
0002AF	Opposite Season Testing (As required in individual task order) (IAW para. 1.5, 3.4, & 3.4.4)	1	Lump Sum	N/A	N/A	N/A	N/A	N/A
0002AG	HVAC Factory Tests (IAW HVAC Specifications)	1	Lump Sum	N/A	N/A	N/A	N/A	N/A
0002AH	HVAC Performance Verification Tests (IAW HVAC Specifications)	1	Lump Sum	N/A	N/A	N/A	N/A	N/A
0002AJ	HVAC Ductwork Leakage Tests (IAW HVAC Specifications)	1	Lump Sum	N/A	N/A	N/A	N/A	N/A
0002AK	HVAC Refrigerant Tests, Charging & Start-up (IAW HVAC Specifications)	1	Lump Sum	N/A	N/A	N/A	N/A	N/A
0002AL	HVAC Boiler Emissions Tests (IAW HVAC Specifications)	1	Lump Sum	N/A	N/A	N/A	N/A	N/A
0002AM	HVAC Water Treatment Tests (IAW HVAC Specifications)	1	Lump Sum	N/A	N/A	N/A	N/A	N/A
0002AN	HVAC Chiller and Boiler Control Panels Testing (IAW HVAC Specifications)	1	Lump Sum	N/A	N/A	N/A	N/A	N/A
0002AP	HVAC Testing, Adjusting, and Balancing (TAB) - Hydronic Systems (IAW HVAC Specifications)	1	Lump Sum	N/A	N/A	N/A	N/A	N/A
0002AQ	HVAC Testing, Adjusting, and Balancing (TAB) - Air Distribution Systems (IAW HVAC Specifications)	1	Lump Sum	N/A	N/A	N/A	N/A	N/A
0002AR	HVAC Commissioning - Systems & Controls (IAW HVAC Specifications)	1	Lump Sum	N/A	N/A	N/A	N/A	N/A
0003	TRAINING (SECTION 13807 & HVAC Specifications)							
0003AA	Operator's Training I (IAW para. 1.6 & 1.6.1)	1	Each	N/A	N/A	N/A	N/A	N/A
0003AB	Operator's Training II (IAW para. 1.6 & 1.6.2)	1	Each	N/A	N/A	N/A	N/A	N/A
0003AC	Operator's Training III (IAW para. 1.6 & 1.6.3)	1	Each	N/A	N/A	N/A	N/A	N/A
0003AD	Operator's Training IV (IAW para. 1.6 & 1.6.4)	1	Each	N/A	N/A	N/A	N/A	N/A
0003AE	Maintenance Training (IAW para. 1.6 & 1.6.5)	1	Each	N/A	N/A	N/A	N/A	N/A
0003AF	Specialized Maintenance Training (IAW para. 1.6 & 1.6.6)	1	Each	N/A	N/A	N/A	N/A	N/A
0003AG	HVAC Operator's Training I (IAW HVAC Specifications)	1	Each	N/A	N/A	N/A	N/A	N/A
0003AH	HVAC Operator's Training II (IAW HVAC Specifications)	1	Each	N/A	N/A	N/A	N/A	N/A
0003AJ	HVAC Operator's Training III (IAW HVAC Specifications)	1	Each	N/A	N/A	N/A	N/A	N/A
0003AK	HVAC Operator's Training IV (IAW HVAC Specifications)	1	Each	N/A	N/A	N/A	N/A	N/A
0003AL	HVAC Maintenance Training (IAW HVAC Specifications)	1	Each	N/A	N/A	N/A	N/A	N/A
0003AM	HVAC Specialized Maintenance Training (IAW HVAC Specifications)	1	Each	N/A	N/A	N/A	N/A	N/A
0004	FIELD EQUIPMENT PANEL (FEP) (SECTION 13807 & HVAC Specifications)							
0004AA	Network Controller (IAW para. 2.8.1 thru 2.8.1.6, and para. 2.9 & 3.3)	1	Each				\$0.00	\$0.00

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0004AB	Universal Programmable Controller (IAW para. 2.8.2 thru 2.8.2.4, & 2.8.2.6, and para. 2.9, & 3.3)	1	Each				\$0.00	\$0.00
0004AC	Universal Programmable Controller Portable Computer (IAW para. 2.8.2.5 & 3.3)	1	Each				\$0.00	\$0.00
0004AD	Unitary Controller (IAW para. 2.8.3 thru 2.8.3.2, and para. 2.8.3.4, 2.9 & 3.3)	1	Each				\$0.00	\$0.00
0004AE	Universal Controller Portable Computer (IAW para. 2.8.3.3 & 3.3)	1	Each				\$0.00	\$0.00
0004AF	Portable Computer (IAW para. 2.8.5 & 3.3)	1	Each				\$0.00	\$0.00
0005	OPERATOR WORKSTATION (SECTION 13807 & HVAC Specifications)							
0005AA	Operator Workstation (IAW para. 2.10.1 & 2.10.2, para. 2.11 thru 2.11.26, and para. 3.3)	1	Each				\$0.00	\$0.00
0005AB	Dot Matrix Alarm Printer (IAW para. 2.10.3)	1	Each				\$0.00	\$0.00
0005AC	Laser Printer (IAW para. 2.10.4)	1	Each				\$0.00	\$0.00
0005AD	Network Laser Printer (IAW para. 2.10.5)	1	Each				\$0.00	\$0.00
0005AE	Network Color Printer (IAW para. 2.10.6)	1	Each				\$0.00	\$0.00
0006	LAN EQUIPMENT (SECTION 13807 & HVAC Specifications)							
0006AA	Cable (IAW para. 2.10.7 & 2.10.7.1.a)	1	Foot				\$0.00	\$0.00
0006AB	10 BASE T Cable (IAW para. 2.10.7 & 2.10.7.1.b)	1	Foot				\$0.00	\$0.00
0006 AC	Cable (IAW para. 2.10.7 & 2.10.7.1.c)	1	Foot				\$0.00	\$0.00
0006AD	Outlets (IAW para. 2.10.7 & 2.10.7.1.d)	1	Each				\$0.00	\$0.00
0006AE	Patch Panel (IAW Para. 2.10.7 & 2.10.7.1.e)	1	Each				\$0.00	\$0.00
0006AF	Patch Cords (IAW para. 2.10.7 & 2.10.7.1.f)	1	Each				\$0.00	\$0.00
0006AG	Bridges (IAW para. 2.10.7 & 2.10.7.2)	1	Each				\$0.00	\$0.00

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0006AH	HUBS (IAW para. 2.10.7 & 2.10.7.3)	1	Each				\$0.00	\$0.00
0006AJ	Security Callback Modem (IAW para. 2.10.8)	1	Each				\$0.00	\$0.00
0006AK	UPS (IAW para. 2.10.9)	1	Each				\$0.00	\$0.00
0007	WIRE LINE DATA TRANSMISSION SYSTEM FOR UMCS (SECTION 16792)							
0007AA	Modem (IAW para. 2.1)	1	Each				\$0.00	\$0.00
0007AB	Line Drivers (IAW para. 2.1)	1	Each				\$0.00	\$0.00
0007AC	Underground Cable, 2 pair (IAW para. 2.2 thru 2.2.2)	100	Feet				\$0.00	\$0.00
0007AD	Aerial Cable, 2 pair (IAW para. 2.2, 2.2.1 & 2.2.3)	100	Feet				\$0.00	\$0.00
0007AE	Direct Burial Cable, 2 pair (IAW para. 2.2, 2.2.1 & 2.2.4)	100	Feet				\$0.00	\$0.00
0007AF	Direct Burial Cable, Armored, 2 pair (IAW para. 2.2, 2.2.1 & 2.2.4)	100	Feet				\$0.00	\$0.00
0007AG	Interior Cable, 2 pair (IAW para. 2.2, 2.2.1 & 2.2.5)	100	Feet				\$0.00	\$0.00
0008	FIBER OPTIC (FO) DATA TRANSMISSION SYSTEM FOR UMCS (SECTION 16768)							
0008AA	FO Modem (IAW para. 2.1)	1	Each				\$0.00	\$0.00
0008AB	FO Transmitter and Receiver Module (IAW para. 2.2)	1	Each				\$0.00	\$0.00
0008AC	FO Digital Repeaters (IAW para. 2.3)	1	Each				\$0.00	\$0.00
0008AD	FO Analog Repeaters (IAW para. 2.4)	1	Each				\$0.00	\$0.00
0008AE	Transceivers for Video Applications (IAW para. 2.5)	1	Each				\$0.00	\$0.00
0008AF	Transceivers for LAN Applications (IAW para. 2.6)	1	Each				\$0.00	\$0.00
0008AG	FO Switches (IAW para. 2.7)	1	Each				\$0.00	\$0.00
0008AH	FO Active Star Unit, includes chassis with modules for communication to four optical paths (IAW para. 2.8)	1	Each				\$0.00	\$0.00
0008AJ	FO Active Star Unit, Modules; to repeat optical signal from FO Active Star Unit to modules for communication to four additional optical paths (IAW para. 2.8)	1	Each				\$0.00	\$0.00
0008AK	FO Active Star Unit, Modules; unit to communicate to four additional optical paths (IAW para. 2.8)	1	Each				\$0.00	\$0.00
0008AL	FO Drop Repeaters (FODR) (IAW para. 2.9)	1	Each				\$0.00	\$0.00
0008AM	Data Transmission Converter (IAW para. 2.10)	1	Each				\$0.00	\$0.00
0008AN	FO Cable, 4 Fiber Interior, 50 Micron (IAW para. 2.14, 2.14.1, 2.14.2 & 2.16)	100	Feet				\$0.00	\$0.00
0008AP	FO Cable, 12 Fiber Interior, 50 Micron (IAW para. 2.14, 2.14.1, 2.14.2 & 2.16)	100	Feet				\$0.00	\$0.00
0008AQ	FO Cable, 4 Fiber Interior, 62.5 Micron (IAW para. 2.14, 2.14.1, 2.14.3 & 2.16)	100	Feet				\$0.00	\$0.00
0008AR	FO Cable, 12 Fiber Interior, 62.5 Micron (IAW para. 2.14, 2.14.1, 2.14.3 & 2.16)	100	Feet				\$0.00	\$0.00
0008AS	FO Cable, 2 Fiber Interior, 8.3 Micron (IAW para. 2.14, 2.14.1, 2.14.4 & 2.16)	100	Feet				\$0.00	\$0.00
0008AT	FO Cable, 4 Fiber Interior, 8.3 Micron (IAW para. 2.14, 2.14.1, 2.14.4 & 2.16)	100	Feet				\$0.00	\$0.00
0008AU	FO Cable, 4 Fiber, Aerial, (IAW para. 2.14 & 2.16)	100	Feet				\$0.00	\$0.00
0008AV	FO Cable, 12 Fiber, Aerial, (IAW 2.14 & 2.16)	100	Feet				\$0.00	\$0.00
0008AW	Direct Burial Cable, 4 Fiber, (IAW para. 2.14 & 2.16)	100	Feet				\$0.00	\$0.00
0008AX	Direct Burial Cable, 12 Fiber, (IAW para. 2.14 & 2.16)	100	Feet				\$0.00	\$0.00
0008AY	Pigtail Cable, 4 Fiber, (IAW para. 2.14 & 2.16.4)	1	Foot				\$0.00	\$0.00
0008AZ	Pigtail Cable, 12 Fiber, (IAW para. 2.14 & 2.16.4)	1	Foot				\$0.00	\$0.00
0009AA	Patch Cords (IAW para. 2.14 & 2.15.2)	1	Each				\$0.00	\$0.00
0009AB	FO Connectors (IAW para. 2.17)	1	Each				\$0.00	\$0.00
0010	RESERVED							
0011	Standard Installation Details (IAW Contract STANDARD INSTALLATION DETAILS FOR UTILITY MONITORING AND CONTROL SYSTEM)							
0011AA	Existing 2 wire Single Phase Meter w/New Pulse Initiator (E1)	1	Each				\$0.00	\$0.00
0011AB	Existing 3 Phase Meter w/New Pulse Initiator (E2)	1	Each				\$0.00	\$0.00
0011AC	Existing 3 Phase Meter w/New Pulse Initiator, CT's, & PT's at Substation (E3)	1	Each				\$0.00	\$0.00
0011AD	New 2 wire Single Phase Meter w/New Pulse Initiator (E4)	1	Each				\$0.00	\$0.00
0011AE	New 3 Phase Meter w/New Pulse Initiator (E5)	1	Each				\$0.00	\$0.00
0011AF	New 3 Phase Meter w/New Pulse Initiator, CT's, & PT's at Substation (E6)	1	Each				\$0.00	\$0.00
0011AG	Current Sensing Relay (E7)	1	Each				\$0.00	\$0.00
0011AH	Current Sensing Transducer (E8)	1	Each				\$0.00	\$0.00
0011AJ	Transfer Switch Interface (E9)	1	Each				\$0.00	\$0.00

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0011AK	Electric Metering Installation Building Entrance (E13)	1	Each				\$0.00	\$0.00
0011AL	Watt Transducer for 3 phase 4 wire WYE System (E19)	1	Each				\$0.00	\$0.00
0011AM	Watt Hour Transducer for 3 phase 4 wire WYE System (E20)	1	Each				\$0.00	\$0.00
0011AN	Watt Transducer for 3 phase 3 wire DELTA System (E21)	1	Each				\$0.00	\$0.00
0011AP	Watt Hour Transducer for 3 phase 3 wire DELTA System (E22)	1	Each				\$0.00	\$0.00
0011AQ	VAR Transducer for 3 phase 4 wire WYE System (E23)	1	Each				\$0.00	\$0.00
0011AR	VAR Transducer for 3 phase 3 wire DELTA System (E24)	1	Each				\$0.00	\$0.00
0011AS	Existing 3 wire Single Phase Meter w/New Pulse Initiator (E25)	1	Each				\$0.00	\$0.00
0011AT	New 3 wire Single Phase Meter w/New Pulse Initiator (E26)	1	Each				\$0.00	\$0.00
0011AU	Existing Power Meter w/ Existing Pulse Initiator (E27)	1	Each				\$0.00	\$0.00
0011AV	Phase Angle Transducer for 3 phase 4 wire WYE System (E28)	1	Each				\$0.00	\$0.00
0011AW	Power Factor Transducer for 3 phase 4 wire WYE System (E29)	1	Each				\$0.00	\$0.00
0011AX	Current Transducer (E30)	1	Each				\$0.00	\$0.00
0011AY	Voltage Transducer (E31)	1	Each				\$0.00	\$0.00
0011AZ	Watt Transducer for Single Phase (E34)	1	Each				\$0.00	\$0.00
0011BA	Watt Hour Transducer for Single Phase (E35)	1	Each				\$0.00	\$0.00
0011BB	Existing Power Meter w/ Existing KYZ Contracts (E36)	1	Each				\$0.00	\$0.00
0011BC	Motorized Valve Control (I10)	1	Each				\$0.00	\$0.00
0011BD	Motorized Valve Control w/FEP Interface and Manual Override (I11)	1	Each				\$0.00	\$0.00
0011BE	Chiller Safety Alarm Device (I12)	1	Each				\$0.00	\$0.00
0011BF	Boiler Status & Safety Alarm Devices (I13)	1	Each				\$0.00	\$0.00
0011BG	Economizer Control (Pneumatic) (I14)	1	Each				\$0.00	\$0.00
0011BH	Analog Output, Pneumatic Control Device (I15)	1	Each				\$0.00	\$0.00
0011BJ	Ambient Light Sensor (I16)	1	Each				\$0.00	\$0.00
0011BK	Auxiliary Contact (New Pilot Relay) Digital Input (I17)	1	Each				\$0.00	\$0.00
0011BL	Auxiliary Contact, Fire Alarm Interface (I18)	1	Each				\$0.00	\$0.00
0011BM	Lighting Control Panel (I28)	1	Each				\$0.00	\$0.00
0011BN	Lighting Control Panel w/ Existing Latching Contactor (I29)	1	Each				\$0.00	\$0.00
0011BP	Lighting Control Panel for One Circuit or Fixture (I30)	1	Each				\$0.00	\$0.00
0011BQ	Lighting Control Panel for 24 VOLT Control Circuits (I31)	1	Each				\$0.00	\$0.00
0011BR	PIR, Sensor, Lighting Control (Ceiling Mounted) (I32)	1	Each				\$0.00	\$0.00
0011BS	PIR, Sensor, Lighting Control (Wall Mounted) (I33)	1	Each				\$0.00	\$0.00
0011BT	RTD Installation - Small Piping (M1)	1	Each				\$0.00	\$0.00
0011BU	RTD Installation - Large Piping (M2)	1	Each				\$0.00	\$0.00
0011BV	Duct Point Temperature Instrument (M3)	1	Each				\$0.00	\$0.00
0011BW	Duct-Mounted Averaging Temperature Sensor (M4)	1	Each				\$0.00	\$0.00
0011BX	Space RTD Mounting (For Finished Interiors) (M5)	1	Each				\$0.00	\$0.00
0011BY	Space RTD Mounting (For Unfinished Interiors) (M6)	1	Each				\$0.00	\$0.00
0011BZ	Fan Air Flow Switch Installation (M7)	1	Each				\$0.00	\$0.00
0011CA	Air Filter Differential Pressure Switch Installation (M8)	1	Each				\$0.00	\$0.00
0011CB	Duct Relative Humidity Instrument (M9)	1	Each				\$0.00	\$0.00
0011CC	Pump Status Monitoring Differential Pressure Switch Installation (M10)	1	Each				\$0.00	\$0.00
0011CD	Installation of Pressure Transmitter (M11)	1	Each				\$0.00	\$0.00
0011CE	Installation of Pressure Switch (M12)	1	Each				\$0.00	\$0.00
0011CF	Differential Pressure Switch for Instrument Air Filter Installation (M14)	1	Each				\$0.00	\$0.00
0011CG	Outdoor Temperature Sensor w/Sunshield (M15)	1	Each				\$0.00	\$0.00
0011CH	Damper Position Indication Potentiometer Installation Details Outside Duct Mounting (M16)	1	Each				\$0.00	\$0.00
0011CJ	Flow Meter, Venturi (Delta-P) (for 4 to 8 inch pipe) (M17)	1	Each				\$0.00	\$0.00
0011CK	Flow Meter, Venturi (Delta-P) (for 8 to 12 inch pipe) (M17)	1	Each				\$0.00	\$0.00
0011CL	Flow Meter, Orifice Plate (Delta-P) (for 1 to 2 inch pipe) (M18)	1	Each				\$0.00	\$0.00
0011CM	Flow Meter, Orifice Plate (Delta-P) (for 2 to 4 inch pipe) (M18)	1	Each				\$0.00	\$0.00
0011CN	Flow Meter, Orifice Plate (Delta-P) (for 4 to 8 inch pipe) (M18)	1	Each				\$0.00	\$0.00

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0011CO	Flow Meter, Orifice, Plate (Delta-P) (for 8 to 12 inch pipe) (M18)	1	Each				\$0.00	\$0.00
0011CP	Ultrasonic Flow Meter (M19)	1	Each				\$0.00	\$0.00
0011CQ	Vortex Shedding Flow Meter (for 1 1/2 inch line) (M20)	1	Each				\$0.00	\$0.00
0011CR	Vortex Shedding Flow Meter (for 2 inch line) (M20)	1	Each				\$0.00	\$0.00
0011CS	Vortex Shedding Flow Meter (for 3 inch line) (M20)	1	Each				\$0.00	\$0.00
0011CT	Vortex Shedding Flow Meter (for 4 inch line) (M20)	1	Each				\$0.00	\$0.00
0011CU	Vortex Shedding Flow Meter (for 6 inch line) (M20)	1	Each				\$0.00	\$0.00
0011CV	Vortex Shedding Flow Meter (for 8 inch line) (M20)	1	Each				\$0.00	\$0.00
0011CW	Flow Meter, Liquid (Annular Pitot Tube) (for 2 to 5 inch pipe) (M21)	1	Each				\$0.00	\$0.00
0011CX	Flow Meter, Liquid (Annular Pitot Tube) (for 6 to 12 inch pipe) (M21)	1	Each				\$0.00	\$0.00
0011CY	Flow Meter, Liquid (Annular Pitot Tube) (for 12 to 24 inch pipe) (M21)	1	Each				\$0.00	\$0.00
0011CZ	Turbine Flow Meter (up to 250 psig) (M22)	1	Each				\$0.00	\$0.00
0011DA	Turbine Flow Meter (up to 650 psig) (M22)	1	Each				\$0.00	\$0.00
0011DB	Flow Meter, Turbine (Insertion Type) (M23)	1	Each				\$0.00	\$0.00
0011DC	Steam Flow Metering (Piping Above) (for 2 to 5 inch pipe) (M24)	1	Each				\$0.00	\$0.00
0011DD	Steam Flow Metering (Piping Above) (for 6 to 12 inch pipe) (M24)	1	Each				\$0.00	\$0.00
0011DE	Steam Flow Metering (Piping Above) (for 12 to 24 inch pipe) (M24)	1	Each				\$0.00	\$0.00
0011DF	Steam Flow Metering (Piping Below) (for 2 to 5 inch pipe) (M25)	1	Each				\$0.00	\$0.00
0011DG	Steam Flow Metering (Piping Below) (for 6 to 12 inch pipe) (M25)	1	Each				\$0.00	\$0.00
0011DH	Steam Flow Metering (Piping Below) (for 12 to 24 inch pipe) (M25)	1	Each				\$0.00	\$0.00
0011DJ	Existing Gas Meter W/ New Pulse Initiator (Residential) (M26)	1	Each				\$0.00	\$0.00
0011DK	Oxygen Analyzer (M27)	1	Each				\$0.00	\$0.00
0011DL	Carbon Monoxide Analyzer (M28)	1	Each				\$0.00	\$0.00
0011DM	PH Sensor Analyzer (M29)	1	Each				\$0.00	\$0.00
0011DN	Conductivity Sensor (M30)	1	Each				\$0.00	\$0.00
0011DP	Refrigerant Leakage Analyzer (M31)	1	Each				\$0.00	\$0.00
0011DQ	Oxygen Depletion Analyzer (M32)	1	Each				\$0.00	\$0.00
0011DR	NOx Analyzer (M33)	1	Each				\$0.00	\$0.00
0011DS	Turbidity Sensor (M34)	1	Each				\$0.00	\$0.00
0011DT	Total Dissolved Solids Sensor (M35)	1	Each				\$0.00	\$0.00
0011DU	Water Hardness Sensor (M36)	1	Each				\$0.00	\$0.00
0011DV	Pool Water Chlorine Analyzer (M37)	1	Each				\$0.00	\$0.00
0011DW	Compressed Air Dew Point Sensor (M38)	1	Each				\$0.00	\$0.00
0011DX	Refrigerant Pressure Transmitter (M39)	1	Each				\$0.00	\$0.00
0011DY	Float Switch - Support Pole Mounted (M40)	1	Each				\$0.00	\$0.00
0011DZ	Float Switch - Suspended (M41)	1	Each				\$0.00	\$0.00
0011EA	Fuel Oil Tank Level Measurement (Continuous Purge System) (M42)	1	Each				\$0.00	\$0.00
0011EB	Tank Level Monitoring (M43)	1	Each				\$0.00	\$0.00
0011EC	Water Quality Controller (M44)	1	Each				\$0.00	\$0.00
0011ED	Vibration Switch (M45)	1	Each				\$0.00	\$0.00
0011EE	Instrument Shelter W/Temperature Sensor (M46)	1	Each				\$0.00	\$0.00
0011EF	Instrument Shelter W/Temperature & Humidity Sensors (M47)	1	Each				\$0.00	\$0.00
0011EG	Refrigerant Pressure Switch (M48)	1	Each				\$0.00	\$0.00
0011EH	New Gas Meter W/ New Pulse Initiator (M49)	1	Each				\$0.00	\$0.00
0011EJ	New 3-Way Mixing valve W/ Pneumatic Actuator (M50)	1	Each				\$0.00	\$0.00
0011EK	Air Flow Measuring Station (M51)	1	Each				\$0.00	\$0.00
0011EL	Humidity Sensor, Space (M52)	1	Each				\$0.00	\$0.00
0011EM	Dust Static Pressure Sensor (M53)	1	Each				\$0.00	\$0.00
0011EN	Position Switch Damper (M54)	1	Each				\$0.00	\$0.00
0011EP	Position Switch Valve (M55)	1	Each				\$0.00	\$0.00
0011EQ	Valve Actuator/Positioner W/Transducer (M56)	1	Each				\$0.00	\$0.00
0011ER	Differential Pressure Sensor (Room) (M57)	1	Each				\$0.00	\$0.00
0011ES	Fuel Oil Temperature Sensor (M58)	1	Each				\$0.00	\$0.00

CLIN	Description	Qty	Unit	Unit Material Price	Unit Labor Hours	Labor \$/Hour	Unit Labor Price	Unit Total Price
0011ET	Rotary Valve Continuous Position Indication (M59)	1	Each				\$0.00	\$0.00
0011EU	Rising Stem Valve Continuous Position Indication (M60)	1	Each				\$0.00	\$0.00
0011EV	Existing Natural Gas Meter W/ New Pulse Initiator (Industrial) (M61)	1	Each				\$0.00	\$0.00
0011EW	New Natural Gas Meter W/ New Pulse Initiator (Industrial) (M62)	1	Each				\$0.00	\$0.00
0011EX	Air Filter Differential Pressure Sensor (M63)	1	Each				\$0.00	\$0.00
0011EY	Duct Static Pressure Switch (M64)	1	Each				\$0.00	\$0.00
0011EZ	Duct Mounted Low Temperature Device (M65)	1	Each				\$0.00	\$0.00
0011FA	Analog Output, Fan Pneumatic Inlet Vane Operator (M66)	1	Each				\$0.00	\$0.00
0011FB	Flow Meter, Vortex Shedding (Insertion Type) (M67)	1	Each				\$0.00	\$0.00
0011FC	Valve (3-Way, 2-Position), Actuator W/Solenoid Valve (M68)	1	Each				\$0.00	\$0.00
0011FD	Instrument Air Line Pressure Switch (M69)	1	Each				\$0.00	\$0.00
0011FE	Door Position Switch (M70)	1	Each				\$0.00	\$0.00
0011FF	Temperature Sensor Freezer or Refrigerator (M71)	1	Each				\$0.00	\$0.00
0011FG	Differential Pressure Sensor for Wet Vacuum Strainer Station (M73)	1	Each				\$0.00	\$0.00
0011FH	Differential Pressure Sensor (Pipe) (M74)	1	Each				\$0.00	\$0.00
0011FJ	Differential Pressure Sensor (Steam Pipe) (M75)	1	Each				\$0.00	\$0.00
0011FK	Space RTD Mounting (For Ceiling Mount) (M76)	1	Each				\$0.00	\$0.00
0011FL	Space Humidity Mounting (For Ceiling Mount) (M77)	1	Each				\$0.00	\$0.00
0011FM	Static Pressure Sensor (Room) (M78)	1	Each				\$0.00	\$0.00
0011FN	New 3-Way Mixing valve W/ Electric Actuator (M79)	1	Each				\$0.00	\$0.00
0011FP	Analog Output, VAV Terminal Box Controller W/O Reheat Coil Valve (M80)	1	Each				\$0.00	\$0.00
0011FQ	Fan Differential Pressure Sensor (M82)	1	Each				\$0.00	\$0.00
0011FR	Analog output Zone Damper Control For MZ Unit (M83)	1	Each				\$0.00	\$0.00
0011FS	High Humidity Switch, Duct (M84)	1	Each				\$0.00	\$0.00
0011FT	Temperature Sensor Cooling Tower Basin (M85)	1	Each				\$0.00	\$0.00
0011FU	Fan Powered VAV Terminal Box Controller w/Reheat Coil, New HW Valve, and New Electric Actuator (M86)	1	Each				\$0.00	\$0.00
0011FV	Temperature Sensor, Floor Slab (M87)	1	Each				\$0.00	\$0.00
0011FW	Pressure Transmitter, Air Line (M88)	1	Each				\$0.00	\$0.00
0011FX	Existing Valve w/New Electric Actuator (M89)	1	Each				\$0.00	\$0.00
0011FY	V F D Interface (M90)	1	Each				\$0.00	\$0.00
0011FZ	VAV Control w/HW Reheat, w/New HW Valve and w/New Electric Actuator (M91)	1	Each				\$0.00	\$0.00
0011GA	VAV Control w/HW Reheat, w/Existing HW Valve and w/Existing Pneumatic Actuator (M92)	1	Each				\$0.00	\$0.00
0011GB	VAV Control of PIU w/HW Reheat, w/New HW Valve and w/New Electric Actuator (M93)	1	Each				\$0.00	\$0.00
0011GC	VAV Control of PIU w/HW Reheat, w/New HW Valve and w/Existing Pneumatic Actuator (M94)	1	Each				\$0.00	\$0.00
0011GD	Hot Water Reheat Control w/New Electric Control Valve (M95)	1	Each				\$0.00	\$0.00
0011GE	Hot Water Reheat Control w/Existing Pneumatic Control Valve (M96)	1	Each				\$0.00	\$0.00
0011GF	Pump Contactor Auxiliary Contact Status (S1)	1	Each				\$0.00	\$0.00
0011GG	Device Interlock (S2)	1	Each				\$0.00	\$0.00
0011GH	Thermostat Control Interface (S3)	1	Each				\$0.00	\$0.00
0011GJ	Two Position Damper Control Interlock (S4)	1	Each				\$0.00	\$0.00
0011GK	FEP Interface w/New Hand-Off-Auto (HOA) Selector (S5)	1	Each				\$0.00	\$0.00
0011GL	Replacement of Existing Momentary Push Button Station W/New HOA Control Station (S6)	1	Each				\$0.00	\$0.00
0011GM	Two Position Damper Control W/ Fire Alarm Override Interlock (S7)	1	Each				\$0.00	\$0.00
0011GN	FEP Interface to Package Unit With New HOA Selector (S8)	1	Each				\$0.00	\$0.00
0011GP	Interface With Existing HOA Selector No Feedback (S9)	1	Each				\$0.00	\$0.00
0011GQ	Interface With Existing HOA Selector (S10)	1	Each				\$0.00	\$0.00
0011GR	Replacement of Existing Start-Stop Selector Station W/New HOA Control Station (S11)	1	Each				\$0.00	\$0.00
0011GS	Liquid Line Solenoid Valve Control (S12)	1	Each				\$0.00	\$0.00

CLIN	Description	Qty	Unit	Unit Material Price	Unit Labor Hours	Labor \$/Hour	Unit Labor Price	Unit Total Price
0011GT	Replacement of Existing Momentary 2-Speed Control Station W/New HOA Control Station (S13)	1	Each				\$0.00	\$0.00
0011GU	FEP Interface to Package Unit With New HOA (HOA) and 2-Speed Selector Switches (S14)	1	Each				\$0.00	\$0.00
0011GV	FEP Interface w/New HOA Switch and w/New 2-Speed Selector Switch and w/Fire Alarm Override Interlock (S15)	1	Each				\$0.00	\$0.00
0012	SPECIAL EQUIPMENT (As required in individual task order)	1	Lump Sum	N/A	N/A	N/A	N/A	N/A
0013	EQUIPMENT RENTAL, in support of installation/testing. (As required in individual task order)	1	Lump Sum	N/A	N/A	N/A	N/A	N/A
0014	OTHER INSTALLATION MATERIALS (As required in individual task order)	1	Lump Sum	N/A	N/A	N/A	N/A	N/A
0015	TRAVEL, (As required in individual task order)	1	Lump Sum	N/A	N/A	N/A	N/A	N/A
0016	SHIPPING CHARGES, (As required in individual task order)	1	Lump Sum	N/A	N/A	N/A	N/A	N/A
0017	MAINTENANCE AND SERVICE	1	Lump Sum	N/A	N/A	N/A	N/A	N/A
0017AA	Maintenance and Service (SECTION 13807 & HVAC Specifications) (IAW para 1.7 thru 1.7.14) (As required in individual task order)	1	Lump Sum	N/A	N/A	N/A	N/A	N/A
0017AB	HVAC Maintenance and Service (IAW HVAC Specifications) (As required in individual task order)	1	Lump Sum	N/A	N/A	N/A	N/A	N/A
0018	OTHER LABOR (As required in individual task order)	1	Lump Sum	N/A	N/A	N/A	N/A	N/A
0019	CORRECT DEFICIENCIES (As required in individual task order)	1	Lump Sum	N/A	N/A	N/A	N/A	N/A
0020	SYSTEMS GRAPHICS IMPLEMENTATION (IAW SECTION 13807 & HVAC Specifications, para. 2.11.8.4)	1	Each				\$0.00	\$0.00
0021	SYSTEM DATA BASE (IAW SECTION 13807 & HVAC Specifications, para. 2.9.3 & 3.3)	1	Point				\$0.00	\$0.00
0022	RESERVED							
0023	Special Engineering Services or Studies	1	Lump Sum	N/A	N/A	N/A	N/A	N/A
0024	SERVICES ACT LABOR, HUNTSVILLE, AL AREA							
0024AA	Project Manager	1	M/H	N/A	N/A			
0024AB	Project Engineer	1	M/H	N/A	N/A			
0024AC	Electrical Engineer	1	M/H	N/A	N/A			
0024AD	Electronics Engineer	1	M/H	N/A	N/A			
0024AE	Mechanical Engineer	1	M/H	N/A	N/A			
0024AF	Controls Engineer	1	M/H	N/A	N/A			
0024AG	Architect	1	M/H	N/A	N/A			
0024AH	Civil Engineer	1	M/H	N/A	N/A			
0024AJ	Superintendent	1	M/H	N/A	N/A			
0024AK	Quality Control/Quality Assurance Manager	1	M/H	N/A	N/A			
0024AL	Computer Programmer	1	M/H	N/A	N/A			
0024AM	Electronics Technician	1	M/H	N/A	N/A			
0024AN	Controls Technician	1	M/H	N/A	N/A			
0024AP	Mechanical Technician	1	M/H	N/A	N/A			
0024AQ	Truckdriver, Medium Truck	1	M/H	N/A	N/A			
0024AR	Typist	1	M/H	N/A	N/A			
0024AS	Drafter	1	M/H	N/A	N/A			
0024AT	Computer Program Analyst	1	M/H	N/A	N/A			
0025	DAVIS BACON WAGE DETERMINATION (As required in individual task order.)	1	Lump Sum	N/A	N/A	N/A	N/A	N/A
0026	Taxes	1	Lump Sum	N/A	N/A	N/A	N/A	N/A
0027	Subcontractor Cost Mark-up		Percent	N/A	N/A	N/A	N/A	
0028	Escalation - 2nd Year		Percent	N/A	N/A	N/A	N/A	
0029	Escalation - 3rd Year		Percent	N/A	N/A	N/A	N/A	
0030	Escalation - 4th Year		Percent	N/A	N/A	N/A	N/A	
0031	Escalation - 5th Year		Percent	N/A	N/A	N/A	N/A	
0099	Integrated System	1	Lump Sum					