



TECHNICAL BUILDING SERVICES

12E Commerce Drive
Ballston Spa, NY 12020
518-885-4444, X-3367
518-885-4680 fax

Jessica O'Brien
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Project Scope of Work

PROJECT: Albany County Sheriff's Building
Renovations
LOCATION: Clarksville, NY

DATE: 8-20-2020

PROPOSAL NO.: 20JAO080 **REV. NO.:**

Technical Building Services bid is for an extension to the existing Schneider Electric IA series Building Management System, to be provided via State Contract # PT68868 based on the 'M' drawings dated 8/26/2016 with the following clarifications:

Included by Technical Building Services:

1. Our Proposal/Scope of Work becomes a part of the contract documents
2. Technical Building Services bid includes the following addendums 1, 2, 3, 4, 5
3. All wiring installed in mechanical rooms shall be in EMT conduit. Wire Above Ceilings shall be without conduit.
4. Web based graphics including all programming, floor plan & equipment graphics and start up
5. Email or text message alarming will require access to the simple mail transport protocol (SMTP) server in order to send out email or text message alarms from the user interface.
6. 8 Hours of Training included as specified
7. BASE BID price includes:
 - 2 Energy Recovery Unit (ERV-1,2) field mounted DDC Controls, includes low voltage actuators for factory control dampers
 - 1 Energy Recovery Unit (ERV-3) field mounted DDC Controls, includes outside air and exhaust air control dampers with low voltage actuators
 - 3 Unit Ventilator (UV-1,2,3) field mounted DDC Controls, includes control valve, low voltage actuators for factory control dampers
 - Low voltage interlock wiring to three (3) Air Cooled Condensing Units (ACCU-1,2,3)
 - Integrate to fifteen (15) Split Systems (DAC-1,2,3,4,5,6,7,8,9,10,11,12,13,14; CCU-1 / DCU-4,5,6,7,8,9,10,11,12,13,14). Low voltage wiring of indoor units to factory thermostat and low voltage interlock wiring from indoor unit to outdoor unit.
 - Integrate to three (3) Split Systems (FCU-1,2,3 / DCU-1,2,3). Low voltage wiring of indoor units to factory thermostat and low voltage interlock wiring from indoor unit to outdoor unit. BMS to monitor space temperature. Includes one (1) control damper with low voltage actuator for FCU-3.
 - 3 Cabinet Heater (CH-1,2,3) field mounted DDC Controls
 - 3 Exhaust Fan (EF-1,2,3) field mounted DDC Controls, includes control dampers with low voltage actuators
 - 9 Fin Tube Radiator (FTR-1) field mounted DDC Controls, includes control valves
 - 1 Control Valve for existing Pumps
 - **Note: Differential Pressure Sensor is existing**
 - Relocate one (1) BMS Panel in Utility Room 129
 - Monitor Space Temperature in Server Room
 - One (1) Data Server with computer
 - Two (2) complete BAS Inspections within the first year of substantial completion of project
 - Controls related Demolition

ALTERNATE MC-01, ADD TO THE BASE BID price:

- 1 Exhaust Fan (EF-4) field mounted DDC Control, includes control damper with low voltage actuator
- 3 Fin Tube Radiator (FTR-1) field mounted DDC Controls, includes control valves



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ALTERNATE MC-02, ADD TO THE BASE BID price:

- 1 Rooftop Unit (RTU-1) field mounted DDC Controls, includes low voltage actuators for factory control dampers, control valve
- 1 Fin Tube Radiator (FTR-1) field mounted DDC Controls, includes control valve

Not Included by Technical Building Services:

1. All access doors
2. The setting of valves, dampers, flow measuring devices, humidifiers, and sensor wells furnished by Technical Building Services
3. Fire Alarm Control System work, Smoke Detectors and all associated installation & wiring
4. Fire, smoke and combination fire/smoke dampers, associated actuators, wiring, and installation
5. Re-insulation
6. Asbestos Abatement, Demolition, Removals, Cut, Patch, and Painting
7. Roof penetrations
8. Power wiring, motor starters, disconnects and VFD's
9. Installation of unit manufacturer supplied controls, & safety equipment including interlock wiring and end devices
10. Boiler Control Panel, Boiler Train and Packaged Controls
11. Remote connectivity for viewing or alarm distribution via email or text message.
12. Electric Cabinet Heater (ECH-1), to be provided with built in thermostat
13. **Allowances and/or Liquidated Damages**
14. **Applicable Sales Tax, Use Tax and/or Bonds**

BASE PRICE: \$ 197,500

ALTERNATE MC-01, ADD TO THE BASE BID: \$ 6,550

ALTERNATE MC-02, ADD TO THE BASE BID: \$ 11,010