

PROPOSAL - AZ City ES HVAC Upgrades

**HARD BID SELECT
LIST**

PMC Proposal #:OPS0000460

From: Pueblo Mechanical and Controls, Inc.

Date: 05/04/2017

Attn: Jeff Van Handel
Toltec Elementary School District
12115 W. Benito Road,
Arizona City, AZ 85223

Dear Jeff,

Pueblo Mechanical and Controls appreciates the opportunity to look at this project and is pleased to provide the following scope for AZ City ES HVAC Upgrades.

Building Scope of Work:

- Remove ceiling tiles/grid as necessary for access to fan coil unit. (Typical of 2)
- Disconnect electrical supply for (2) existing fan coil units and make safe for removal.
- Disconnect existing Alerton controls from (2) fan coil units to be reconnected.
- Disconnect existing CHW piping from (2) fan coil units for removal. Disconnect ductwork and condensate drain piping.
- Remove and dispose (2) fan coil units from ceiling space.
- Provide and install (2) new CHW fan coil units in existing locations.
 - IEC Model: HBD40
 - 460V/3PH Electrical Supply
 - (1) Unit with 20kW Electric Heater
 - (1) Unit with 30kW Electric Heater
 - Fused Service Disconnect Switch
 - Stainless Steel Drain Pan
 - Nexus Coil Connection Kit with Auto Flow Control Valve, Isolation Ball Valves, Belimo Control Valve
 - Y-Strainer with Hose End Blow Down, 24" Stainless Steel Flex Hoses
- Reconnect existing CHW piping to new fan coil unit. Provide additional piping and fittings as necessary for new connections. (Typical of 2)
- Provide and install new CHW control valve. Reconnect controls wiring to valve. (Typical of 2)
- Provide and install new insulation on new piping only. Jacket to match existing. (Typical of 2)
- Reconnect existing supply and return ductwork to new fan coil unit. Provide new flexible duct connectors as needed. (Typical of 2)
- Reconnect existing electrical supply to new fan coil unit. Equipment to be equipped with fused disconnect switches.. (Typical of 2)
- Reconnect existing Alerton controls to new fan coil unit. (Typical of 2)
- Startup and test operation.
- Re-install existing ceiling grid/tiles and cleanup workspace.
- Provide operation and maintenance manuals.

ALL PRICES QUOTED ABOVE ARE VALID FOR 120 DAYS

6771 E. Outlook Drive, Tucson, AZ 85756 • 11052 N. 24th Avenue, Phoenix, AZ 85029

Office - (800) 840.9170 • Fax - (888) 473-4374

www.pueblo-mechanical.com

AZ LIC: CR-39 # ROC176640 • AZ LIC: B-01 # ROC173953 • AZ LIC: CR-74 # ROC260462



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- Provide 2 year warranty on parts and labor.

Chiller Scope of Work:

- Disconnect electrical supply for (2) air cooled chillers and make safe for removal.
- Disconnect CHW piping from (2) air cooled chiller for removal.
- Remove and dispose (2) air cooled chillers.
- Provide and install (2) new air cooled chillers on existing concrete housekeeping pads.
 - Quantec Model: QTC3120THE460, Nominal 120 Tons
 - 460V/3PH Electrical Supply
 - Dual Circuit With Service Isolation Valves
 - Factory Wired Control Transformer
 - High Ambient Kit
 - BACnet Interface
 - Low Sound Fans With VFD Control
 - 65,000 AIC With Circuit Breaker
 - Hot Gas Bypass – One Circuit
- Reconnect existing CHW piping to new chiller. Provide additional piping and fitting as necessary for new connections. Existing isolation valves to be reused. Insulate all new piping and jacket with aluminum to match existing. (Typical of 2)
- Reconnect existing electrical supply to new chiller. Existing electrical disconnect to be remain in place and be reused. (Typical of 2)
- Startup and test operation.
- Provide operation and maintenance manuals.
- Provide rigging as necessary for equipment installation.
- Provide 2 year warranty on parts and labor.

We Exclude The Following:

- Removal of storage cabinets. Owner to remove cabinets for access to mechanical equipment.
- Moving of ceiling mounted smoke detectors for access to replace equipment.
- Bonds, fees and permits, utility tap fees, site utilities, meters, and fire protection.
- There is a 3.2% fee associated with our accepting credit cards for payment.
- Replacement of duct smoke detectors and/or interface with existing FACP.
- Davis Bacon / Prevailing wages.
- Buy Americas / American act.
- Engineering, permits and fees
- Chemical Treatment or Glycol for water based systems, this service is assumed to be by clients provider.
- Pueblo Mechanical and Controls Inc. shall not be held liable for existing code deficiencies requiring correction by an inspecting agency.
- Fire or fire/smoke dampers.
- Poured or formed concrete work, including housekeeping pads.
- Painting
- Seismic restraints.
- BIM or other CAD related modeling or drawings of any kind.

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- Repair or replacement of any existing device to be found inoperable.
- Any work not included in scope of work listed above.
- Formal Commissioning or commissioning assist.
- Asbestos abatement, testing, reporting.

Base Bid:	\$ 188,809.75
Bond (If Needed):	\$ 2,360.12
Total Project Cost with Bond:	\$ 191,169.87

We look forward to providing this important service; please call if you have any questions.

Best Regards,

Chris Senkow
HVAC Solutions
Pueblo Mechanical & Controls, Inc.
Cellular: (480) 253-1672
chriss@pueblo-mechanical.com

Acceptance of Proposal: The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified.

Name

Signature

Date

Due to the high cost of equipment and/or extended nature of this project progress billing may be required; if a purchase order is created for this project the owner agrees to accept progress billing for demonstrated and verifiable completed work and/or arrival of equipment items pending installation.

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