

DOCUMENTED QUOTE

Notice Number: 14-CAA-015

Project Number: EMP-1405

Project Title: TCF HW Heat Exchanger Valves

PROJECT DESCRIPTION

Located at the Trinidad Correctional Facility (TCF), 21000 HWY 350 East Model, CO 81059, northeast of Trinidad, CO, the TCF HW Heat Exchanger Valves consists of selective demolition, installation of ten (10) 2" 3-way Hot Water Control Valves with temperature controllers, integration with existing pneumatic controls, electrical connections, etc. required for a fully functional system.

SCOPE OF WORK

- 1) 2" 3-way Hot Water Control Valves – including, but not limited to: electric modulating spring return to normally closed actuator;
- 2) Temperature Controller – electric modulating with local set-point and display, readout to include set-point temperature and actual temperature;
- 3) Existing Pneumatic Safety Interlock Circuits – Retrofit existing system to interface with new electronic devices to accomplish same exact function of existing system: high temperature limit and manual shutdown circuit;
- 4) Electrical Connection – provide all necessary connections for valves, controls, etc. from 110 VAC circuit (Owner provided), including any necessary transformers for low voltage equipment;
- 5) Selective Demolition – remove existing valves, controls, tubing, etc. made obsolete by electronic valve upgrade; and
- 6) Field test operation of each domestic hot water heater and demonstrate for Owner. Provide two (2) sets of O&M Manuals with complete component technical data, temperature control programming, and maintenance contacts.

OWNER PERFORMED WORK

- 1) Electrical Power – 100 VAC circuit with raceway and junction box proximate to the electronic valve location.

END of SCOPE OF WORK