



ADDENDUM 2

Date: July 7, 2015

RFB No. WU-04-15
2015 Water Treatment Plant Improvements

Location: San Angelo, Texas

Bid Date: July 14, 2015 / 2:00 PM Local Time

The following changes and/or additions are hereby made to the specifications and contract documents for the above referenced project:

TECHNICAL SPECIFICATIONS:

4.1.4 (a) Clarifier Drain Valve Actuator Controls – Replace second paragraph as follows:

Control panel enclosure shall provide a polished aluminum dead front mounted on continuous aircraft type hinge, containing cutouts for mounting equipment and providing projection of personnel from live internal wiring. Provide cutouts for breaker handles to allow operation of breakers without entering the compartment. Provide Open / stop / close switch **for 4 – 20 mA modulating control**; open / close indication; and % Open indication for each actuator. Mount control switches, position indicator panels, and other operational devices on the external surface of the dead front. Form a 3/4" break around the perimeter of the dead front to provide integrity.

4.1.4 (b) Filter Drain Actuators Controls – Replace first paragraph as follows:

Shall be integrated and controlled from existing Filter Control panels. **Provide new % Open indication display on existing panels for new actuators.**

4.10.6.2 Electrical Operations – Replace seventh paragraph as follows:

Filter drain valve actuators shall be open / stop / close with discrete inputs for **open / close of the valve** ~~open / stop / close commands~~. Clarifier drain valve actuators shall **be modulating 4 – 20 mA and have a solid state starter** ~~have 4 – 20 mA transmission for position indication as well as discrete indicators for open / close status~~. All actuators shall have 4 – 20 mA transmission for position indication as well as discrete indicators for open / close status. Position indication shall be in percent (%) open ~~or closed~~.

4.15 Protective Coating Systems – Replace entire section with attached version.

PROPOSAL FORMS:

Bid Tab Sheet – Replace with the attached version.
Revised alternate bid items.

DRAWINGS:

M 904 – Spool pieces in valve vault shall be flange by plain-end, not mechanical joint by plain-end as shown.

CLARIFICATIONS:

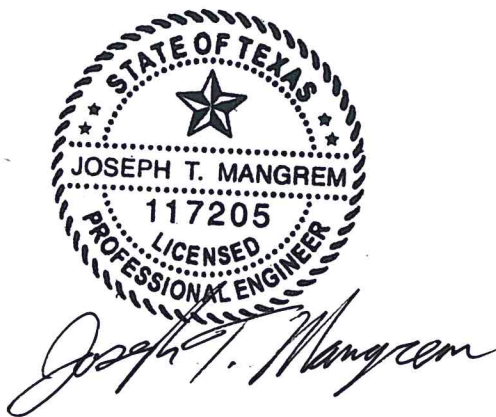
1. It is the intent of the alternative bids of this project to provide a new coating system for as much of the filter pipe gallery piping as necessary while minimizing the cost and hazard of lead abatement. It is known that lead is present in sections of the existing coatings but the extents and quantity have not been identified. The Contractor shall be responsible for identifying the exact limits of lead based coating and coordinating with the City to either remove or overcoat, based upon the limits and condition of the existing coating.

Where existing lead based coatings are in acceptable condition to be prepared and over-coated, that shall be the option selected. Where existing lead-based coatings are not in acceptable condition, the lead coating shall be fully abated per applicable Federal, State and local codes and recoated.

All non-lead based coatings shall be fully removed and recoated.

These items shall be paid at the bid unit cost, to include all materials, supplies, labor and incidentals necessary for a complete installation.

This addendum becomes a part of and shall be included with the above referenced specifications and contract documents.



Authorized by: Joseph T. Mangrem, PE
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Date: July 7, 2015