



City of Guadalupe

Highway 1 Lift Station Replacement Project

Bid Addendum #2

Response to Bidder Questions

January 30, 2023

Question: Can an umbrella / excess liability policy be used to meet the minimum limits of insurance called out in Section 3-4?

Answer: Yes.

Question: Section 3-4 (b) stated that the Contractor shall obtain and maintain an umbrella or excess liability but does not state any limits for this policy. Is there a minimum limit that must be maintained?

Answer: The minimum limits for the project are \$2,000,000 per occurrence, \$4,000,000 general aggregate, in addition to \$1,000,000 per accident for automobile liability.

Question: The specifications state that all interior concrete surfaces shall be coated including manhole channels. It is our experience that painting/coating subcontractors will not coat MH channels due to the application often failing in this area. It is our understanding that this type of coating mainly protects concrete surfaces against corrosive gas and not concrete that is submerged in sewage. Please delete the requirement to coat the MH Channels.

Answer: The manhole channels will be required to be coated per Specification 099720. In addition, termination keyways (minimum 0.25-inches by 0.25 inches) shall be cut where the coating terminates including pipe penetrations and manhole frame.

Revision to Contract Documents:

The City is replacing the autodialer within the lift station control cabinet with a SCADA RTU unit. The contract documents are revised as follows.

Add to Specification Section 409510:

2.11 SCADA RTU

- A. Control Panel shall include a Supervisory Control and Data Acquisition (SCADA) Remote Terminal Unit (RTU). RTU shall be compatible with pump controller and may be integral to the controller. RTU shall operate based on cellular radio signals.
- B. The RTU shall provide local automatic monitoring from float switches, transducer, and dry contacts. Inputs shall be provided for both digital inputs and analog (4-20ma DC) transducers. Simultaneous monitoring of analog and digital level sensing devices shall be supported. Battery backup power shall be provided to support monitoring during primary utility power loss. Back up power shall provide a minum run time of 18 hours.
- C. Basic Digital Dry Contacts Inputs to be provided:
 - 1. Pump 1 Run Status
 - 2. Pump 1 Overtemp Alarm
 - 3. Pump 1 Seal Failure Alarm
 - 4. Pump 2 Run Status
 - 5. Pump 2 Overtemp Alarm
 - 6. Pump 2 Seal Failure Alarm
 - 7. Pump 3 Run Status
 - 8. Pump 3 Overtemp Alarm
 - 9. Pump 3 Seal Failure Alarm
 - 10. High Level Alarm
 - 11. Loss of Utility Power
- D. Basic Analog Inputs to be provided:
 - 1. Wet Well Level
- E. Panel manufacture to provide interface circuitry between pump controller and RTU panel. Digital inputs shall be delivered by 14-gauge conductors in conduits. 4-20 analog inputs shall be delivered by shielded, 2 wire, 18 gauge cables.

- F. City to obtain the cellular service package to operate the RTU.

Drawing E-101:

- a. Modify Detail 24. Note 6, to read as follows: PROVIDE RECEPTACLE WITHIN SECTION 3 FOR POWER TO RTU.
- b. Delete Detail 24, Note 11. No future telephone service is anticipated.

Drawing E-201:

- a. Modify Detail 15, Circuit 3 to read 'RTU' in lieu of 'AUTO DIALER'