H21166 Temple WWTP Grit Removal System Replacement

City of Temple

ADDENDUM #1

August 23, 2021

Invitation to Bid (ITB) for Temple WWTP Grit Removal System and Associated Control Panel Replacement is hereby amended as follows:

A. The deadline for submission of proposals has been extended to **Monday, September 20, 2021 at 3:30pm at Temple City Hall**.

B. A site visit will be held on **Thursday, August 26, 2021 at 11:00am** for all bidders to evaluate the on-site conditions.

C. **Questions and Answers:**

1. Spec section 04100, Item 2.06.D.16 and D.17 mentions weather protection heat tracing circuit breakers. Is this heat tracing for only the exposed water lines? If yes, how much wattage is needed so we can size the control panel transformer correctly? Also, I am assuming the heat tracing and insulation for the water line will be furnished by the Installing Contractor.

   Heat tracing is required for all exposed lines. Heat tracing and insulation to be furnished and installed by contractor.

2. Reviewing the Drawings, I could not find the inlet and outlet channel width for the grit chamber. Please furnish.

   The inlet channel is about 2 feet 1 inch. The outlet channel is 36”.

3. I am assuming the existing support beams at the top of the existing grit chamber, which support the grit paddle drive, will be re-used. Please confirm.

   The existing beam measures 28’ outside to outside. The mounting holes are at 24”.

4. Drawing M-07 shows the suction line and water scour line along the side of the grit chamber. We will be proposing the suction line and water scour line down the center of the grit chamber. See attached Installation drawing from Union City, IN for reference. Please have this confirmed to be an acceptable alternative.

   Yes, that is acceptable.

5. Drawing I-02 shows 3" lines from the grit chamber to the grit cyclone. Note that our suction line from the bottom of the grit chamber up to top of the grit chamber is 4-inches. We recommend 4" lines be used from the top of the grit chamber to the grit pump, and from the grit pump to the grit cyclone. Note that the grit cyclone has a 4" inlet connection.

   Yes, contractor to use 4" lines.

6. As shown on Drawing M-07, we will be furnishing a water fluidization line with a solenoid valve for the grit chamber. Drawing I-02 does not show this water fluidization line (with a solenoid valve) to the grit chamber. The electrical sub-contractors should be made aware of the additional water line with solenoid valve.

   Yes, all contractors shall follow this guidance.

7. Drawing I-02 shows one float switch downstream of the screen. We will be including two (2) float switches as per Section 04100, Item 2.06.C. These two float switches should be located upstream of the screen.

   Yes, all contractors shall follow this guidance.

8. Drawing I-02 shows the existing screen has two (2) solenoid valves. Please confirm this is the correct number of solenoid valves on the existing screen's spray wash system.

   The existing screen has two solenoid valves.

9. All conduit should be replace with PVC pipe.