



City of Austin

PUBLIC WORKS DEPARTMENT

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Date: August 23, 2016

PROJECT: South Austin Regional Wastewater Treatment Plant – Thickener Improvements Project

CIP ID: 3333.016

IFB# 6100 CLMC558

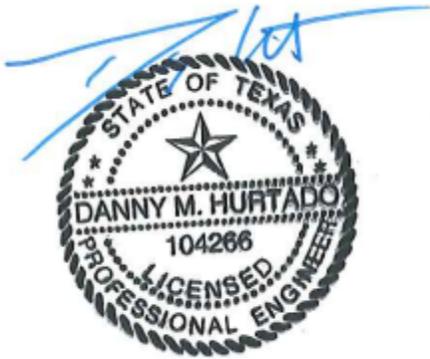
SUBJECT: Answers to Bidders Questions as of the date of this letter, per 00100-IFB Article 1.(3)(C).

The following are answers to Bidders received on the above project. These answers do not modify the Contract. Any modifications to the Contract will be through Addenda

- Q-1: There have been several requests for the addition of equipment manufacturers and/or fabricators to the specifications. (Covers Q1, Q-3a, Q-4)
- A-1: The currently listed manufacturers and suppliers were selected based on their ability to meet the specification requirements. Refer to Section 00700 Article 6.2.4 for the “approved equal” and “substitute” provisions of this contract.
- Q-2a: In reference to Section 11318-2.01.B.2: “This section requires that the proposed pump shall pass a max solid size of 3” size. The purpose of chopper pump is to reduced solids in size and this openings area dictated by the clearance through the cutter bar opening. Please change the 3” requirement to: ‘a minimum solid size of 1-3/8.’”
- A-2a: Paragraph 2.01.B.2 will remain as written.
- Q-2b: In reference to Section 11364-2.02.C.2: “Calls out a motor with an enclosure for outdoor service, please to change this to a Class 1 Division 1 as called out for the other electrical components inside the aluminum dome.”
- A-2b: Refer to Addendum No. 1.
- Q-2c: In reference to Section 11364-2.02.C.6: “With the drive mechanism installed inside aluminum dome cover, in a high humidity environment please specify the drive housing to be either cast iron which have properties which prevent corrosion or stainless steel housing to prevent the drive housing from corroding. Since the complete thickener mechanism is constructed out of stainless steel to prevent corrosion, using stainless steel in lieu of painted carbon steel ensures the same long operating life for the drive unit as for the rest of the mechanism.”
- A-2c: Refer to Addendum No. 1.
- Q-2d: In reference to Section 11364-2.06: “Calls out a 24 inch diameter center column; Drawing M-12 calls out a 3-6” center column. For this size unit please change the drawing to reflect a 24” diameter center column per the specifications.”
- A-2d: Refer to Addendum No. 1, Sheet M-12 and referenced section. Specification has been modified to match existing center column diameter.

- Q-3a: In reference to Section 11364-2.02.C.1: “The main gear shall have a diameter of 40 inches’ should be removed from the spec, this requirement does not calculate into torque.”
- A-3a: Paragraph 2.02.C.1 will remain as written.
- Q-5a: “Is the existing piping in the sludge transfer pump room designed to isolate pumps 1, 2 & 3 from pumps 4, 5 & 6- so that when we take each side down per the sequence of construction in Section 1010 we do not need to construct a bypass or install additional valves to accommodate the shut down?”
- A-5a: Refer to Addendum No. 1, Section 01010 and sheet M-5.
- Q-5b: “What are we doing with the sludge inside the gravity thickeners-can we use the existing plant facilities and pumps to pump it over to Hornsby Bend or does it need to be disposed of off-site at a landfill?”
- A-5b: Refer to Addendum No. 1, Section 01010.
- Q-5c: “Can we use the existing non-potable water system at the plant for construction water? Will there be a charge for this water?”
- A-5c: Please refer to Section 01500, paragraph 3.2 regarding use of water for construction.
- Q-5d: “It appeared during the walk thru that sludge pumps 5 and 6 were out of operation, will those pumps be repaired/replaced/reinstalled prior to this project starting?”
- A-5d: Sludge pumps 5 and 6 will be re-installed prior to commencing work.
- Q-6: “There are several locations shown on the plans calling for restrained flange coupling adapters but there are no specs or details as to how restraint is to be made. Can you furnish this information?”
- A-6: Refer to Addendum No. 1, Section 15120-2.14.C.
- Q-7: “Sheet M-19 calls out a 2” Sewage ARV and refers to detail E on sheet M27. Detail E on sheet M27 is for a 4” ARV, please clarify.”
- A-7: Refer to Addendum No. 1, sheet M-27.
- Q-8: “There is a callout for a tapping sleeve and a valve for the tie in to the 6” NPW line on sheet M-21. The drawing indicates a tapping sleeve, 45 bend and gate valve (GV-005-A) shown to be installed. In order to tap the line, the tapping valve bolts up directly to the tapping sleeve. The 45 bend will have to be installed behind the tapping valve. That’s not a problem, but our concern is by doing this that the new 4” NPW will be under the OC slab. Also, please confirm that GV-005-A is a tapping valve.”
- A-8: Refer to Addendum No. 1, sheet M-21. GV-005-A is a tapping valve.

Project Manager: Danny M. Hurtado, PE



08/23/16