H2Oaks Desalination Facility, Well Field
Collection Pipeline Project
SAWS Job No. 19-8610
SAWS Solicitation No. CO-00320

ADDENDUM NO. 2
April 6, 2020

To Bidder of Record:

This addendum, applicable to work referenced above, is an amendment to the bidding documents and as such will be a part of and included in the Contract Documents. Acknowledge receipt of this addendum by entering the addendum number and issue date in the space provided in the submitted bid proposal.

RESPONSES TO QUESTIONS RECEIVED

Question 1: Will native material be acceptable for pipe zone backfill?

Response: Pipe zone backfill (a defined on sheet C-500 Detail 1) must consist of bedding materials as defined in specification Section 33 03 33.23 (Polyethylene Pressure Pipe), paragraph 2.7.1 (Bedding and Cover Materials, Bedding and Cover), generally described there as "clean gravel or crushed stone". Native material is not acceptable.

Question 2: Will native material be acceptable for trench zone backfill above the pipe zone (excluding the concrete saddle areas)?

Response: Trench zone backfill (a defined on sheet C-500 Detail 1) may consist of excavated material, compacted to a minimum of 95 percent per specification Section 33 03 33.23 (Polyethylene Pressure Pipe), paragraph 2.7.2 (Bedding and Cover Materials, Final Backfill). Native material is acceptable.

Question 3: Is item 10 (18"x24" Saddle Tap) going to be a hot tap, or will the 24" line be shutdown for the tap?

Response: The 24-inch pipeline tap will be a hot tap, as the existing main and membrane plant will stay in operation throughout construction.

Question 4: Pages C450-C459 show 25' sections of silt fence being installed perpendicular to the pipe alignment, what line/pay item should that silt fence be included within?

Response: Silt fences are considered part of Temporary Construction Facilities and Controls under specification Section 01 50 00 (see paragraph 2.18.b.6.b) and as such are to be

subsidiary to other items, per paragraph 1.3.1. It can be considered subsidiary to items 2 & 3, the HDPE pipe installation items.

Question 5: Will backfill density testing be the responsibility of the owner or contractor?

Response: Per specification section 01 45 00, paragraph 1.9.e, field density tests of backfills shall be performed at the expense of the Contractor.

Question 6: Is there a spec available for seed mix or reseeding in regard to pay item 18?

Response: For seeding follow City of San Antonio Standard Specification Item 520

Question 7: Can water from the source wells be used for construction water and/or hydrostatic testing water?

Response: Yes, if coordinated in advance with SAWS and a SAWS-issued meter is obtained and used..

Question 8: Bid Item 2- Can **12" Fusible PVC DR 18, 235psi be used as an alternate to the 12" HDPE DR 11, 200psi).**

Response: No; PVC pipe is not an acceptable substitution. HDPE pipe as specified is required.

Question 9: Bid Item 3- Can 18" Fusible PVC DR 21, 235psi be used as an alternate to the 18" HDPE DR 11, 200psi).

Response: No; PVC pipe is not an acceptable substitution. HDPE pipe as specified is required.

Question 10: The HDPE connection note reads all connections between HDPE and valves or fittings shall include MJ Adapter and fully restrained gland.

a. **Does this mean all fittings shall be ductile iron including bends and tee's. For example at every Pipeline Drain Structure a tee will be needed but the detail says HDPE, the transition and connection points on this project also seem to be ductile iron?**

Response: For Pipeline Drain Structure (Sheet C-503, Detail 3), design intent is an HDPE tee in pipeline, with HDPE bend and pipe up to flange at valve, as described in detail. Other fittings are to be ductile iron, unless explicitly described as HDPE as in the drain detail.

Question 11: Sheet C110 Summary of quantities calls for 1 EA – 12 inch gate valve but the item is not shown in the plan or profile views. Clarification may save an argument later for a change order.

Response: There should be no 12-inch gate valve in quantity table on sheet C-110.

2. **Question 12: Sheet C113 Summary of quantities calls for 1 EA – 18 inch gate valve but the item is not shown in the plan view and the profile view only has an x for a valve but no designation at to what the X is. Clarification may save an argument later for a change order.**

   Response: Valve symbol shown at Sta 39+00 is a 18-inch gate valve, the same one called out in the quantity table.

   Question 13: Sheet C 121 shows a tie into existing 24" HDPE water line, will this be done by fusion of a tee, by the very expensive saddle needed to saddle tap or by cutting in a ductile iron tee with mj adapters on the 24"? I just would like clarification because material cost vary dramatically between each of these option.

   Response: Per question 3 and the item description, this should be a hot tap saddle tap.

MODIFICATIONS TO THE SPECIFICATIONS

1. None

CLARIFICATIONS

1. The Project estimate has decreased from $**3,589,963.76** to **$2,560,000.00**.

END ADDENDUM 1

This Addendum, is three (3) pages in its entirety.

Attachments: