Date: 07/31/2020
RFB No: 2020-041
Commodity: Highway 84 Corridor Wastewater System Improvements Phase 2 Contract A
Purchasing Agent: Mr. Victor Venegas

Closing Time: 2:00 P.M. CST, Thursday, August 13, 2020
Opening Time: 2:01 P.M. CST, Thursday, August 13, 2020

Bid Opening Location: Operations Center, Purchasing Services Office, 1415 N. 4th St., Waco, TX 76707

Addendum No: 2

The above-mentioned Bid invitation has been changed in the following manner. **Sign and return addendum to the Purchasing Office by the closing time and date with your RFB response.** Returning this page signed by your authorized agent will serve to acknowledge this change. All other requirements of the invitation remain unchanged. If you have any questions, please call or stop by the Purchasing Office at the above address.

1. See Attachment 1 with questions and answers that were asked at the 7/9/20 Mandatory Site Visit Meeting, or that have been submitted by potential bidders.

Firm:_____________________________________________________________________________________
Address___________________________________________________________________________________
Signature of Person Authorized to Sign Bid:________________________________________________________________________________________
Signor's Name and Title (print or type):_______________________________________________________________________________________
E-mail Address:____________________________________________________________________________
Date:____________________Telephone:___________________________Fax:_________________________
Bidders on this project are hereby notified that this addendum shall be attached to and made a part of the above named Contract Documents and Technical Specifications, dated Monday June 1, 2020.

The following items are issued to add to, modify, and clarify the Contract Documents and Technical Specifications and Drawings. These items shall have full force and effect as the Contract Documents and Technical Specifications, and cost involved shall be included in bid prices. Bids to be submitted on the specific bid date shall conform to the additions and revisions listed herein.

Acknowledge receipt of this addendum by designating receipt of the addendum on the first page of the Bid Proposal. Failure to do so may subject bidder to disqualification.

RESPONSES TO QUESTIONS RECEIVED:

a) **CIVCAST Question No. 14** - Please provide us with the geotechnical report.
   Response: Refer to Appendix A of Specification Section 011000 for boring logs. The two geotechnical reports have been posted, and if you have not received them, please contact Victor Venegas <VictorV@wacotx.gov>.

b) **CIVCAST Question No. 15** - At the Church Road Lift Station (MA-1) Upper Plan there are (5) 8” 90 degree bends and 8” horizontal spools (two are blind flanged). In the Lower Plan only three (3) pump risers are shown. Please clarify the quantity of 8” pump risers. It would appear to be unnecessary to include the bends, spools and blind flanges for the two (2) future pumps without including the risers also.
   Response: Refer to future Addendum No. 3 for associated modifications.

c) **CIVCAST Question No. 16** - What size bollards are to be used @ the CAV's? Detail E/CZ-4 references Detail E/CZ-5 with an arrow pointing at the bollards, but Detail E/CZ-5 is for the wheel roller gate. Please advise.
   Response: Bollards are 6-inch diameter per Detail G on Sheet SZ-2. Detail E on Sheet CZ-4 has been updated via Addendum No 2.
d) CIVCAST Question No. 17 - There is a callout regarding waterproofing on Detail I & J on Sheet SZ-2 at the concrete pipe cradle and states "where applicable." Is waterproofing required anywhere at the cradles or any other concrete?
Response: No, waterproofing is not required. The waterproofing note on Detail I & J on Sheet SZ-2 at the concrete pipe cradle that states "waterproofing where applicable" shall be deleted. See Addendum No. 2.

e) CIVCAST Question No. 18 - There is an interior bollard detail on SZ-3, but I do not see any interior bollards called out on throughout the plans. Please advise if this detail is used or if it can be ignored.
Response: The detail can be ignored. Interior bollards are not used on this project.

f) CIVCAST Question No. 19 - At the Church Road Lift Station (CA-2) there is a MH-4 in the 20" WW HDPE line (Detail A). Does anything go inside this manhole?
Response: No, a strap on flow meter may be installed here in the future.

g) CIVCAST Question No. 20 - Please reference electrical sheet ea-2, detail e/ez-1 and p/ez-2 and specification 260533-15.6/260543-4.2.2 c, concrete warning planks. Can you please clarify which ductbanks ("d thru g") will require which type of installation, type e/ez-1 or detail p/ez-2? Will concrete warning planks be required by using detail p/ez-2, are they continuous run or what is the space required between warning planks? Please advise.
Response: Ductbank Section G will be direct buried (Detail P/EZ-2) as revised in the Addendum No. 2. All other ductbank sections will be concrete encased as typical detail (Detail E/EZ-1) is called out on the Ductbank Section C. Concrete warning planks are not required. See Addendum No. 2.

h) CIVCAST Question No. 21 - CA-2 detail D-SZ-1 states for a concrete pad to be by the entry of the gate. Was this suppose to be a new pad or are we putting a pad on a existing one? Please advise.
Response: A new concrete pad shall be installed for the proper operation of the new entrance gate, which is a wheel roller gate.

i) CIVCAST Question No. 22 - On CB-3 the detail for the road is D CZ-6, which is the gravel road. Is this road needing to be paving or gravel? Please advise.
Response: The road will be gravel.

j) Will 14” DR 18 Fusible PVC be allowed in lieu of the 16” DR 11 HDPE?
Response: No, only HDPE pipe will be allowed as detailed and specified.

k) Will 18” DR 18 Fusible PVC be allowed in lieu of the 20” DR 11 HDPE?
Response: No, only HDPE pipe will be allowed as detailed and specified.

REVISIONS TO CONTRACT DOCUMENTS AND TECHNICAL SPECIFICATIONS

SECTION 260533 – Raceways and Boxes for Electrical Systems
a) Page 260533-15, delete paragraph 3.3.A.6 in its entirety.

SECTION 260543 – Underground Ducts and Raceways for Electrical Systems
a) Page 260543-2, delete paragraph 1.4.A.5 in its entirety.
b) Page 260543-4, delete paragraph 2.2.C in its entirety.
c) Page 260543-14, delete paragraph 3.5.N in its entirety.
REVISIONS TO DRAWINGS

SHEET CB-1 – CLOICE CREEK LIFT STATION SITE ACCESS
a) The location of the connection of the 16” force main to the existing 12” force main has moved approximately 110 feet to the east. Refer to Exhibit CB1-A.

b) Add a Utility Vent per Detail D on Sheet CZ-7 just north of the existing FM along the 16” HDPE force main. Refer to Exhibit CB1-A.

SHEET CB-2 – CLOICE CREEK LIFT STATION STAKING AND YARD PIPING PLAN
a) Delete the connection of the 16” force main to the existing 12” force main. See new connection location as shown on Exhibit CB1-A.

SHEET CP-10 – PLAN AND PROFILE FORCE MAIN STA 29+00 TO 33+00
a) Add the following note to CP-10:

“1. INSTALL CONCRETE TRENCH CAP PER DETAIL G ON SHEET CZ-7 FROM STATION 30+00 TO 31+20.”

SHEET CZ-4 – CIVIL STANDARD DETAILS IV
a) Change the detail callout for bollards on Detail E from “E/CZ-5” to “G/SZ-2”.
b) Revise the detail callout for frame cover in Top Plan view from “B/ZC-3” to “B/CZ-3”.

SHEET CZ-7 – CIVIL STANDARD DETAILS VII
a) Replace Detail D in its entirety with the detail contained on the attached Exhibit CZ7-A.
b) Add Detail G as shown in the attached Exhibit CZ7-B.

SHEET SZ-2 – STRUCTURAL STANDARD DETAILS II
a) Delete Waterproofing and the callout “WATERPROOFING WHERE APPLICABLE” from the Detail I and Detail J.

SHEET MA-2 – CHURCH ROAD LIFT STATION PROCESS MECHANICAL MODIFICATION SECTIONS
a) SECTION 1, revise the call-out for the 8-inch gate from “8”-G-101V” to “8”-GV-101”.
b) SECTION 1, regarding the aluminum hatch with fall protection, revise the language that reads as “(TYP OF 3)” to read as “(TYP)”.

SHEET MB-1 – CLOICE CREEK LIFT STATION PLAN AND DETAIL
a) Revise the combination air valve on one of the 16” force main (left side of the plan) from “3” CAV” to “2” NON-SLAM CAV”.

Addendum No 2  Page 3 of 4
SHEET EA-2 – CHURCH ROAD LIFT STATION ELECTRICAL SITE PLAN

a) Revise the Ductbank type from concrete encased to direct buried for routing from EHH-2 to the Gate Operator.

b) Add Detail callout “P/EZ-2” for Ductbank Section G.

SHEET EB-2 – CLOICE CREEK LIFT STATION ELECTRICAL SITE PLAN

a) Revise Ductbank from concrete encased to direct buried for routing from Electrical Building to Gate Operator.

b) Revise Ductbank from concrete encased to direct buried for routing from Electrical Building to Existing Antenna Tower.

c) Add Detail callout “P/EZ-2” for Ductbank Section E.

d) Add Detail callout “P/EZ-2” for Ductbank Section F.

END OF ADDENDUM NO. 2
ABANDON EXISTING 12" FORCEMAIN

REMOVE AND REPLACE CONCRETE PAVING AT COTTON BELT TRAIL

TIE TO EXISTING 12" FORCE MAIN
SEE DETAIL B AND NOTE 11 ON CB-2
N: 10516609.52
E: 3255337.56

EXISTING 12" FORCEMAIN

ABANDON EXISTING 12" FORCEMAIN

16" 45' BEND
N: 10516495.72
E: 3255268.019
ELEV: 543.5507
1/2" IRON ROD WITH CAP STAMPED "WALKER TRAV" SET

CONTROL POINT: 50

16" 45' BEND
N: 10516572.82
E: 3255326.02

110.0'

16" FORCE MAIN

6" CHAIN LINK FENCE

LIFT STATION

ELEC. BUILDING

GENERATOR PAD

8" CHAIN LINK FENCE

EXISTING CLOICE CREEK LIFT STATION

EXISTING 5" DIA. MANHOLE

BACKGROUND PREVENTER

BACKFLOW PREVENTER

COTTON BELT TRAIL

PARK PAVILION

HIGHWAY 84 CORRIDOR WASTEWATER SYSTEM IMPROVEMENTS PHASE 2 CONTRACT A

ADDENDUM No

EXHIBIT No

CB-1

2

CB1-A

DATE 07/29/2020

LOCATION

CDM Smith
**Utility Trench Vent**

**Detail**

**NTS**

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**Ground Surface**

**Sampling Port**

**4" Pipe**

**Cap to be placed during sampling**

**2'x2'x6" Concrete Collar w/broom finish**

**Bentonite or similar seal (1' min)**

**4" Pipe**

**Sand/Gravel Backfill**

**Perforated/slotted pipe (2' depth min)**

Wrap filter fabric sock around the perforated section of pipe.

**Note:**

1. All sizes and dimensions are approximate.
EMBEDMENT FOR ALL PUBLIC MAINS SHALL BE "TYPE A"
AS SPECIFIED IN THE STANDARD CONSTRUCTION SPECIFICATIONS

CONCRETE TRENCH CAP
DETAIL

CDM Smith
DATE 07/29/2020

CITY OF WACO UTILITY SERVICES
HIGHWAY 84 CORRIDOR WASTEWATER SYSTEM
IMPROVEMENTS PHASE 2 CONTRACT A

SHEET No | LOCATION | ADDENDUM No | EXHIBIT No
---|---|---|---
CZ-7 | - | 2 | CZ7-B