Date: 07/15/2020
RFB No: 2020-041
Commodity: Highway 84 Corridor Wastewater System Improvements
Phase 2 Contract A
Buyer: 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

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Addendum No: 1

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 7/7/20 Pre-bid Meeting, Mandatory Pre-Bid Site visit, and CivCast by potential bidders.**

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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.

ADDITIONAL INFORMATION

a) The Meeting Summary from the Pre-Bid meeting held on July 7, 2020 is attached.
b) The following documents are available upon request:
   i. Geotechnical reports.
   ii. Church Road Lift Station As-built drawings, dated 2000.
   iii. Easement documentation, including the easement agreement with the USACE.
c) The site visit held on July 9, 2020 was a mandatory site visit. The only General Contractors in attendance were Archer Western and CSA. Given the City of Waco’s experience with these two General Contractors, CSA and Archer Western are prequalified to perform the work required for this project; therefore, the City of Waco has removed the requirement for a prequalification submittal.

RESPONSES TO QUESTIONS RECEIVED:

a) CIVCAST Question No. 1 - Seeking review and approval of J&S Valve for inclusion in the Gate Valve specification section 40 05 61. J&S Valve manufactures robust gate valves that exceed AWWA standards with ductile iron body, EPDM seals and wedge, stainless steel stem and stainless steel hardware. J&S Valve is a registered minority manufacturer that will assist with M/WBE goals of the project. J&S Valve was recently approved in the North ETJ project.

Response: Only City of Waco approved valve manufacturers are allowed for this project. See revision to Spec Section 40 05 61 via Addendum No. 1.
b) **CIVCAST Question No. 2** - Seeking review and approval of Val-Matic Air Release/Vacuum Combination Air Valves in SECTION 400578.29 - COMBINATION AIR VALVES FOR WASTEWATER SERVICE. Val-Matic manufactures nine types of air valves and is the leading supplier of air valves in North America. Val-Matic meets spec. for Stainless Steel body, stainless steel float, Buna-N Resilient Seats, 2" Inlet & cleanout, and stainless hardware.

**Response:** The combination air valves for wastewater service shall be non-slam for all 3-inch and larger valves. Val-Matic may have their sales representative submit their equal product for the Engineer's review for a combination air valve that meets the specification requirements of Section 400578.29. Note that alternate products may be used only if specifically approved by the Engineer as an equal.

c) **CIVCAST Question No. 3** - Ref. Bid Item 48. 4ea. 20" Gate Valves. Found 6ea. on drawings. Please Advise. Ref. Bid Item 49. 9ea. 16" Gate Valves. Found 10ea. on drawings. Please advise.

**Response:** The bid sheet will be modified via a future addendum. The valve count shall be as shown in the bid set drawings.

d) **CIVCAST Question No. 6** - Please reference electrical drawings. It appears that there are "two" electrical sheets "EA-3" identified in the electrical sheets. One "EA-3" electrical sheet in Church Road lift station site and One "EA-3" electrical sheet in the Cloice Creek lift station. Can you please clarify and provide "EB-3" for the Cloice Creek lift station site? Please advise?

**Response:** Sheet EB-3, CLOICE CREEK LIFT STATION MOTOR CONTROL CENTER “MCC-2” ONE LINE DIAGRAM has been added via Addendum No. 1.

e) **CIVCAST Question No. 7** - Specification 400519, Section 1.5 (B) Test each joint to 500 psi. Does this specification apply to the Ductile Iron Fabricated Spools that may be needed?

**Response:** The hydrostatic test per AWWA C151 is applicable for the pipe barrel used in fabricating the spool pieces. Also, refer to the revision to Specification 400519 and Specification 330519 via Addendum No. 1.

Fabricated spool pieces shall also be in compliance with AWWA C-115.

f) **CIVCAST Question No. 8** - Specification 400519, Section 1.5 (D), Since a lot of Ductile Iron fittings are made overseas, Do you only want domestic fittings made in the USA for this project or are you allowing for factory certification to be provided by importers such as Star, Sigma, and Tyler to meet this part of the spec?

**Response:** Factory certification by the Ductile iron pipe fabrication company is acceptable.

g) **CIVCAST Question No. 9** - Specification 400519, Part 2 - Products, C - Interior Linings - C Certified Affidavits- Will Induron required applicator documents be allowed as certified affidavits to the show compliance to the specifications for Protecto 401? These documents do show the Holiday Testing information as required by Induron Licensed Applicators Agreements they have in place.

**Response:** Yes. This is acceptable.
h) **CIVCAST Question No. 10** - Specification 400519, Part 2 - Products, 2.1, A-3, You approve only Ductile Iron from US Pipe, American, and McWane. You are basically stating you only want Domestically Manufactured Ductile Iron Pipe and/or Fabricated Spools produced from US Pipe, American, and McWane raw pipe. You expressly do not want foreign produced ductile iron pipe used in any form on this project?

*Response: Only domestically manufactured pipe is allowed.*

i) ECS is listed in Section 443133 as a preapproved manufacturer. Other odor control manufacturers are requesting to be included as preapproved.

*Response: In an upcoming addendum, the bid schedule will be re-issued. Included in the upcoming revised bid schedule, there will be a section for a deductive alternate for the City of Waco’s consideration to install an odor control system by an alternate manufacturer.*

**REVISIONS TO CONTRACT DOCUMENTS AND TECHNICAL SPECIFICATIONS**

**REQUEST FOR BIDS**

a) Delete all references to the prequalification submission as the General Contractors, who attended the mandatory pre-bid site visit, have been prequalified by the City of Waco.

i. Page 1 (cover sheet), delete the following language: “Prequalification Submission Date & Time: Friday, July 17, 2020 at 2:00 p.m.”

ii. Page 4, delete the following language:

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“Prequalification Submissions due by 2:00 p.m.  Friday, July 17, 2020
Review Period for Prequalification Application  July 20, 2020 to July 24, 2020
Contractors notified of Prequalification Status (Pass/Fail) by  Monday, July 27, 2020
Review of Prequalification Status Determination  July 28, 2020 to August 3, 2020”
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add the following language:

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“The General Contractors who attended the mandatory pre-bid meeting are prequalified by the City of Waco for the project included herein.”
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iii. Submitting Appendix A (Prequalification Application) in accordance with Section V (Prequalification Process & Review) is no longer required.

**SPECIAL PROVISIONS**

a) Page SPP-3, following paragraph 1.11 (Materials on Hand), add the following paragraphs:

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“1.12 Change Proposal Requests – The Contractor must submit a schedule of values for the modification in the scope of work being requested as part of the change proposal request, documenting the expenses to be incurred. The expenses to be included in the schedule of values shall be expenses that can be documented with invoices and/or with payroll documentation; thus, mark-ups on miscellaneous items, such as small tools, shall not be accepted. The mark-ups associated with overhead and profit shall be in accordance with EJCDC C-700 Standard General Conditions of the Construction Contract.
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1.13 **Fencing and Security**

1.13.1 Lift Station Sites and the Landfill must remain secure at all times. The Contractor is responsible for providing temporary fencing, if necessary, to keep the sites secure. The cost for the fencing and security shall be subsidiary to other unit cost and lump sum bid items.

1.13.2 Landfill fencing shall be repaired to existing or better conditions if any damage occurs during construction. Repairs shall be made as construction progresses so that the landfill remains secure at all times.”

b) Page SPP-13, following paragraph 13 (Soil Conditions), add the following paragraph:

**“14 EASEMENTS**

A copy the easements, including the easement agreement with the USACE, referenced in the project documents can be obtained from the City upon request. It is the Contractor’s responsibility to familiarize themselves with the easement requirements prior to submitting a bid on the project. Moreover, it is the Contractor’s responsibility to adhere to the requirements within the easements agreements.”

SECTION 011000 – SUMMARY OF WORK

a) Page 011000-6, in paragraph 1.10.B, revise “7:00 am to 6:00 pm” to “8:00 am to 5:00 pm”.

SECTION 330519 – DUCTILE IRON UTILITY PIPE

a) Page 330519-2, in paragraph 1.7.C, Delete “to 500 psi for a duration of 10 seconds”.

SECTION 400519 – DUCTILE IRON UTILITY PIPE

a) Page 400519-2, in paragraph 1.5.B, Delete “to 500 psi for a duration of 10 seconds”.

SECTION 400561 – GATE VALVES

a) Page 400561-2, replace 2.1.A, with

“Manufacturers:
  a. American Flow Control
  b. Clow Valve
  c. EJ Flow Master
  d. Mueller”

SECTION 400578.29 – COMBINATION AIR VALVES FOR WASTEWATER SERVICE

a) Page 400578.29-3, add the following to 2.1.B.7:

“b. 3-inch and larger air valves shall be non-slam.”

REVISIONS TO DRAWINGS

SHEET G-1 – SHEET INDEX

a) Change the name of Sheet CA-5 to read “WASTEWATER LINE PLAN AND PROFILE”.

Addendum No 1  Page 4 of 6
SHEET C-1 – OVERALL PROJECT PLAN

a) Relocate the label reading “PHASE 3 (BY OTHERS)” to be coincident with the southern end of the Church Road Lift Station Access Road.

SHEET CA-1 – CHURCH ROAD LIFT STATION SITE ACCESS

a) The following changes are hereby made by reference: Change the callout reading “27” WW LINE” to read “30” WW LINE”. Delete the manhole at the south end of the 30” (formerly 27”) wastewater line under the access road. Change the location of the south end of the 30” (formerly 27”) wastewater line under the access road from Station 4+07.21 to Station 3+63.00. The wastewater line entering the site is being increased in size to 30” in diameter. Refer to reissued Sheet CA-5 for additional details.

SHEET CA-2 – CHURCH ROAD LIFT STATION STAKING AND YARD PIPING PLAN

a) On the wastewater line running between MH-1 and MH-2, change the reference reading “27” WW-PVC, SEE PROFILE SHEET CA-5” to read “30” WW-PVC, SEE SHEET CA-5”. The wastewater line entering the site is being increased in size to 30” in diameter. Refer to reissued Sheet CA-5 for additional details.

SHEET CA-4 – CHURCH ROAD LIFT STATION ACCESS ROAD PAVING PLAN AND PROFILE

a) Change the driveway return radius from 30’ to 24’ as shown in the attached Exhibit CA4-1.
b) On Sheet CA-4, delete the gravity manhole shown adjacent to the access road at approximate Station 2+30. Delete the corresponding callout. Refer to Exhibit CA4-2 and reissued CA-5.

SHEET CA-5 – WASTEWATER LINE PLAN AND PROFILE

a) Delete Sheet CA-5 in its entirety and replace with the attached Sheet CA-5. Note that the wastewater line size has been increased to 30” diameter, the profile of the line has been adjusted, the manhole at the southern end of the line has been deleted and the ending point of the line has been moved from Station 4+07.21 to Station 3+63.00. All other references to the proposed Church Road incoming wastewater line are hereby changed by reference.

SHEETS CP-18, CP-19, CP-20, CP-21 – PLAN AND PROFILE FORCE MAIN

a) Remove silt fence along bottom of plan view, southern limit of easement.

SHEET CP-20 – PLAN AND PROFILE FORCE MAIN STA 69+25 TO 72+65

a) Concrete encasement from Sta 71+25 to 71+70 at approximate station 71+50 shall be replaced with 24” minimum diameter ¼” steel casing pipe with end seals. See Exhibit CP-20.

SHEET CZ-4 – CIVIL STANDARD DETAILS IV

a) Add the following under Note on Detail E:

“7. FIELD ROUTE MANHOLE VENT TO OUTSIDE OF ROADWAY. TURN 90 DEGREE ELBOW SO VENT INTAKE IS PARALLEL TO ROADWAY.”
SHEET D-3 – EXISTING CLOICE CREEK LIFT STATION DEMOLITION PLAN
a) Delete Note 7 in its entirety and add the following Note 7: “DEMOLISH AND RECONSTRUCT THE MANHOLE INVERT TO DIVERT FLOW TO NEW 8” WW-PVC PIPELINE.”

SHEET E-3 – GENERAL ELECTRICAL NOTES
a) Add the following note under SERVICE AND METERING:

“5. OWNER WILL PAY FEES AND CHARGES FOR PERMANENT SERVICE.”

SHEET EB-3 – CLOICE CREEK LIFT STATION MOTOR CONTROL CENTER “MCC-2” ONE LINE DIAGRAM
a) Replace page 106 of the drawing sheet, which is the sheet following Sheet EB-2, with attached “EB-3 CLOICE CREEK LIFT STATION MOTOR CONTROL CENTER “MCC-2” ONE LINE DIAGRAM”.

SHEET IA-1 – CHURCH ROAD LIFT STATION EXPANSION P&ID
a) Change the label near the bottom left corner of the sheet reading “30”-WW-HDPE” to read “30”-WW-PVC”.

END OF ADDENDUM NO. 1
INTRODUCTION
1. Attendance introductions
   a. City of Waco
      1) Charles Leist (CharlesL@wacotx.gov, 254-750-6642)
      2) Linda Dvorak (LDvorak@wacotx.gov, 254-750-6629)
      3) Victor Venegas (VictorV@wacotx.gov, 254-750-8098)
      4) Cliff Nesmith (GlennN@wacotx.gov)
   b. CDM Smith
      1) Allen Woelke (woelkead@cdmsmith.com, 512-346-1100)
      2) Ana Marie Karamalegos (karamalegosam@cdmsmith.com, 512-346-1100)
      3) Anamika Kumari (kumaria@cdmsmith.com, 512-346-1100)

2. Meeting Purpose
   This is the non-mandatory pre-bid meeting for the Project. There will be a mandatory pre-bid site visit on July 9, 2020 at 10 a.m. at the parking lot across from the Church Road Lift Station - 193 Church Road, McGregor, TX. There needs to be a limit to one representative per company attending the site visit.

   Allen Woelke/CDM Smith stated that the site visit scheduled on Thursday, July 9th is a mandatory site visit. Only one person per company is allowed. There will be sign in sheet.

   Rick Mayfield/CSA asked if more than one person from Contractor's side or Sales rep can come or not. Allen Woelke/CDM Smith clarified that one person from each Contractor is allowed, and he recommended taking as many pictures as possible. One person from Sale rep may attend for their company’s manufacturer line sheet (i.e., if the same person reps the pump and valves, it is better to bring just one person rather than bringing one person from valve company and one person from pump company).

   Allen Woelke/CDM Smith noted that COVID safety protocol must be followed at the site visit, i.e., wear mask, social distancing, etc.

PROJECT DESCRIPTION
The project shall include work at multiple locations in the City of Waco.

At the existing Church Road Lift Station, the project includes construction of an expansion of the lift station which includes a new wet well; three submersible pumps and associated above grade-pipe, valves, and flow meter; buried piping and manholes; access road and fencing improvements; transformer slab; package odor control system; new electrical building; demolition of existing lift station equipment and piping; and associated electrical, instrumentation (including communication system to the WWTP), HVAC, architectural, and structural improvements.

The project also includes the installation of 3,780 LF of 20-in DR 11 HDPE wastewater force main, including 750 LF of horizontal direction drill, and 4,640 LF of 16-in DR 11 HDPE wastewater force main, including 440 LF of horizontal direction drill, from the Church Road Lift Station to the Cloice Creek Lift Station; clearing of the easement; and installation of combination air valve manholes, gate valves and appurtenances.

The project also includes constructing the new Cloice Creek Lift Station at an operational landfill. These improvements include a new wet well; four submersible pumps and associated above grade-pipe,
valves, and flow meters; buried piping and manholes; access road and fencing improvements transformer slab; generator and associated slab; new electrical building; diversion of wastewater flows from the existing Cloice Creek Lift Station; repair of the Cotton Belt Trail; and associated electrical, instrumentation (including communication to the WWTP), HVAC, architectural, and structural improvements.

These improvements are more fully described in the Drawings and the summary of work contained in Section 011000.

Allen Woelke/CDM Smith explained the project overview. The Church Road Lift Station is working lift station. The Cloice Creek Lift Station will be constructed at an operational landfill site. The drawings and specification can be downloaded from the City of Waco website. The Specification Section 011000 “Summary of Work” includes the scope of project.

C. PROJECT SCHEDULE

1. Any contractor who wishes to bid on this project is required to complete and submit the Prequalification Application by Friday, July 17, 2020 at 2:00pm.
   a. Refer to RFB Section V (Prequalification Process & Review) and Appendix A (Prequalification Application).

   Victor Venegas/City of Waco stated that per the RFB requirements, the Contractor is required to submit one (1) original and six (6) copies of the completed Prequalification Application along with one (1) electronic copy on a flash drive; but, he would like to revise this to one (1) original and four (4) copies of the completed Prequalification Application along with two (2) electronic copy on a flash drive. The pre-qualification Application shall be FedEx or hand-delivered.

   Rick Mayfield/CSA asked if prequalification requirements were for the General Contractor only or for Subcontractors too. Victor Venegas/City of Waco replied that only the General Contractor’s prequalification is required. Contractor shall make sure to complete all the forms for prequalification as described in the RFB. Contractors, subcontractor and vendors shall register via the Interest form for addenda notifications.

2. Contractor who passes the prequalification process should submit one (1) original and six (6) copies of the Pricing Forms for the Project.
   a. Refer to RFB Appendix B (Solicitation Forms).
   b. Base Bid Item Nos. 1-55. Refer to above paragraph B.
   c. Schedule of Subcontractors
   d. Bid Bond

3. Bids must be received by Thursday, August 13, 2020 at 2:00 pm as noted in Specifications.
   a. Refer to RFB Section VI (Bids Submission and Award Procedures).

4. The final selection decision will be made, and submitters will be notified of award by August 2020 and presented to City Council in September 2020. This schedule is subject to change by the city.

5. **Substantial Completion:** Contractor shall substantially complete the Work within 365 Calendar Days from the Notice to Proceed date.

6. **Final Completion:** Contractor shall finally complete the Work within 425 Calendar Days from the Notice to Proceed date.

7. **Liquidated Damages:**
   a. One thousand Dollars ($1,000), per Calendar Day for every calendar day the work remains incomplete after the Substantial Completion date.
   b. Five Hundred Dollars ($500) per Calendar Day for every calendar day the work remains incomplete after the Final Completion date.
D. CLARIFICATIONS

1. The project is sales tax exempt.

E. ADDENDA (None Issued to date)

1. Submit questions to Mr. Victor Venegas (Victory@wacotx.gov). Inquiries are permitted until Friday, August 7, 2020 at 5:00 pm. Necessary replies will be issued as addenda.
2. Victor Venegas/City of Waco stated that all questions shall be emailed to him via CivCast.
3. All questions will be answered via addendum.

F. QUESTIONS/COMMENTS

1. Rick Mayfield/CSA asked about the bid schedule, and, Allen Woelke/CDM Smith replied that there are total 55 items in the bid schedule. The project is broken down in the schedule of values (e.g. linear for the force main and two lift station sections).

   Rick Mayfield requested that the bid form be reduced for the bid opening such that the General Contractor only provides the lump sum amount of the improvements at each lift station and schedule of values for the force main, and then, the General Contractor can provide the full schedule of valves 24-hours later.

   Allen Woelke will discuss this the City and address via addendum if there is any change.

Adjourned
MATCH EXISTING GRADE SAW
CUT EXISTING EDGE AS NEEDED
FOR SMOOTH TRANSITION
HIGHWAY 84 CORRIDOR WASTEWATER SYSTEM IMPROVEMENTS PHASE 2 CONTRACT A

WASTEWATER LINE
PLAN AND PROFILE

CITY OF WACO UTILITY SERVICES - WACO, TEXAS
9430 RESEARCH BLVD., SUITE 1-200
Austin, TX 78759
Tel: (512) 346-1100

TBPE Firm Registration No. F-3043

HIGHWAY 84 CORRIDOR WASTEWATER SYSTEM IMPROVEMENTS PHASE 2 CONTRACT A