



SAN ANTONIO WATER SYSTEM  
D.S.P U.S. Highway 281 Water Main Replacement Project  
SAWS Job Nos. 14-4305  
Solicitation No. CO-000043

ADDENDUM NO. 2

January 25, 2016

**TO BIDDER OF RECORD:**

**The following changes, additions, and/or deletions are hereby made as part of the Contract Documents for the D.S.P. U.S. Highway 281 Water Main Replacement Project for the San Antonio Water System, San Antonio, Texas, dated January 5, 2016, as fully and completely as if the same were set forth therein.**

**PART 1 – QUESTIONS/CLARIFICATIONS**

1. Will any of the funding on this project TXDOT, TWDB, etc. require “American Iron & Steel” or AIS?
  - a. This project does not have special funding that would require domestic iron and steel.
2. What does the DSP in the job title stand for?
  - a. DSP stands for District Special Project which is the former Bexarmet water district.
3. Will there be room for a staging area available in the ROW for our equipment?
  - a. This project is within TXDOT ROW and the approved TXDOT permit does not provide for a staging area within the ROW for equipment. The staging area is the responsibility of the Contractor.
4. Will the contractor be allowed to jack and bore out ahead of the pipe installation?
  - a. The Contractor will be allowed to jack and bore and install steel casing pipe ahead of pipe installation given that the Contractor installs per SAWS standard specifications, caps/plugs ends of the encasement pipe, at no additional expense to SAWS, such that no foreign materials may enter, and adheres to the requirements of the TXDOT permit so that any open trenches are backfilled or steel plated at the end of the day, at no additional cost to SAWS. The Contractor is not permitted to store more than one week worth of material on-site. All work on the project shall be in accordance with the UAR.

5. Were there any changes to the plans or design from the first time it bid? Would it be necessary to reprint the plans?
  - a. The only change to the plans is to the cover sheet which shows a revised date and solicitation number.
  
6. On the traffic control for the project referenced above. Will TxDOT require water barriers or concrete barriers for the protection on the bore pit?
  - a. It is anticipated that concrete barriers are needed at bore pits and should be installed in accordance with the Traffic Control Plan, the MUTCD, and TXDOT standards. The Contractor is required to submit a Traffic Control Plan to TXDOT for approval and TXDOT may require barriers at additional locations. There will be no additional payment for concrete barriers.
  
7. Eight (8) bids were turned in at last bid opening and since the plans & specs did not change, why is this job being re-bid?
  - a. The San Antonio Water System (SAWS) management team decided that the original bid was unsatisfactory to proceed for board approval and requested to re-bid this project.
  
8. The answers given to the original “Questions/Clarifications” (See Attachment) in Addendum No. 1 on the previous bid still apply?
  - a. The previous “Questions/Clarifications” issued on Addendum No. 1 (contract solicitation CO-00019) have been incorporated and/or addressed in the current Contract Documents excluding some question(s) (i.e. cost estimate, etc.) that do not apply to this bid project.
  
9. The existing water line is in close proximity to the proposed water line at several locations. Has the existing water lines been potholed to verify its alignment? It will be even more critical for the normal bore pits as they are larger and wider than the normal water ditch line.
  - a. The existing water line has not been potholed. It is the contractor’s responsibility to field locate existing utilities to safely and appropriately construct the proposed water line.
  
10. Will SAWS provide a bid item or a specified dollar allowance for potholing? In the past, a few bids had a bid item called “Utility Investigation and Adjustment Allowance” to reimburse the contractor for potholing the existing line. If a conflict occurs and an

alignment change is required, this could affect the TxDot permit and the result could have delays or downtime charges.

- a. SAWS will not provide a bid item or specified dollar allowance for potholing. It is the contractor's responsibility to field locate existing utilities to safely and appropriately construct the proposed water line. Given that the proposed alignment is designed closer to the ROW and not near the edge of pavement, we do not anticipate alignment modifications that would impact the TXDOT permit.

11. There is visible sandstone scattered throughout the project. If encountered, will SAWS pay additional money for rock excavation?

- a. Although sandstone may be visible within the project limits, SAWS will not pay additional money for rock excavation, as all excavation is deemed unclassified. For contractor's information purposes only, there is an existing geotechnical report available from SAWS upon request.

12. Will the Contractor have to maintain, and move, low profile concrete barrier down TxDOT ROW as the line is installed?

- a. It is anticipated that concrete barriers are needed at bore pits and should be installed in accordance with the Traffic Control Plan, the MUTCD, and TXDOT standards. The Contractor is required to submit a Traffic Control Plan to TXDOT for approval and TXDOT may require barriers at additional locations. There will be no additional payment for concrete barriers.

13. What is the engineer's estimate for this project?

- a. \$3,852,609.00

14. Please confirm the Contractor is responsible for all construction material testing.

- a. Contractor is responsible for all construction material testing.

15. Please confirm the Contractor is responsible for all construction surveying staking.

- a. Contractor is responsible for all construction staking. The plans include horizontal alignment, bench marks and control points.

16. Please confirm the Owner will perform all disinfection(s) after the line [or sections thereof] have passed the hydrostatic test.

- a. SAWS will machine chlorinate after the lines have passed the hydrostatic tests. Contractor is responsible for installing the chlorination taps as noted in the plans.

17. For consistency amongst all bidders, will the Owner/Engineer disclose all permits, and their cost (if applicable), the Contractor will be required to obtain prior to, or during, construction?
- a. SAWS has coordinated with TXDOT for the construction permit and it will be provided to the contractor prior to construction. We are not aware of any additional permits, however, any if additional permits are required, the Contractor will be responsible for obtaining them.
18. Will the Owner/Engineer entertain adding a bid item, in the form of an allowance, for SUE pot-holing and survey verification? We believe this would be large benefit to the Owner while reducing the risk of bidding Contractor's thereby giving the Owner a more competitive bid.
- a. The owner/engineer will not add a bid item for SUE allowance. It is the contractor's responsibility to field locate existing utilities to safely construct the proposed water line.
19. Will the Owner/Engineer entertain adding a bid item, in the form of an allowance, for pole-holding, guy wire relocation, and/or relocation of existing utilities (such as fiber optic)?
- a. The owner/engineer will not add a bid item in the form of an allowance for pole-holding, guy wire relocation, or relocation of existing utilities. It is the contractor's responsibility, at no additional cost to SAWS, to brace existing poles, field locate existing utilities, and safely and appropriately construct the proposed water line around existing utilities. It is not anticipated that other existing utilities will need to be adjusted as a result of this project.
20. Will the Owner/Engineer provide a SW3P for this project or is it the responsibility of the Contractor? Also, will the SW3P need to be signed and sealed by and engineer licensed in the State of Texas?
- a. Erosion control will be the Contractor's responsibility at no additional cost to SAWS and does not need to be sealed by an engineer licensed in the State of Texas. Contractor to provide SW3P in compliance with local, state, and national requirements and standards at Contractor's expense.
21. Will the Owner provide water, at no charge to the Contractor, for the purpose of filling the line for the hydrostatic test(s)?
- a. The Contractor will be allowed to utilize the existing water line to fill the new line for the purpose of hydrostatic testing at no additional cost. Any additional water

that is required on the job site will be the responsibility of the Contractor and the Contractor shall make arrangements with SAWS development services, at the Contractor's expense, for a temporary meter and any water usage.

22. Will the Owner/Engineer clarify the intent of breaking-out the bid items related to bid items 856.1, 856.2, and 856.3 (jacking/boring, carrier pipe, and casing) for measurement and payment purposes? Is it correct to assume the following: 856.1 is inclusive of all cost for jacking/boring except for the cost associated with carrier pipe installation and steel casing for the bore; 856.2 is inclusive of all cost for carrier pipe installation excluding jacking/boring and casing material; and 856.3 is only for the cost of steel casing material?
  - a. See Measurement and Payment sections in SAWS Standard Specification 856 – Jacking, Boring, or Tunneling Pipe for how items are measured and paid for.
  
23. Is it correct to assume some of the driveways will be open-cut and the jacking/boring quantity will not be fully executed? If so, will the Owner/Engineer consider revising the bid form to include an item for open-cut steel casing?
  - a. For bidding purposes, all driveways (gravel, asphalt and concrete) were to be bored in accordance with SAWS standard specifications. This is also consistent with the UAR and per the TxDOT permit. If, during construction, the contractor and land owner agree that the driveway can be open cut to install the waterline, the contractor may be allowed to traverse the driveway via open cut, in lieu of boring. Per TxDOT requirements, this agreement between the land owner and contractor must be in writing. No additional bid item would be added for the open cut steel casing, but a credit to the contract would be granted to SAWS during construction.
  
24. Will the Owner/Engineer add a bid item to account for the numerous culverts (CMP & RCP) that will need to be replaced as the line is installed?
  - a. No bid item will be added for culverts that are crossed as these culverts are at driveways or intersections which are proposed to be bored in accordance with SAWS standard specifications. Any impact to existing culverts caused by the water line construction will need to be repaired to pre-construction conditions or better at no cost to SAWS.
  
25. Will the Contractor be required to deliver the salvaged valves and hydrants to a specific SAWS facility or will SAWS staff pick up the salvaged materials from the Contractor? If delivered, will the SAWS provide the address of the facility?
  - a. Contractor shall coordinate with the assigned SAWS Inspector for any item that may be determined to be salvageable and coordinate the assigned facility location where such items may be delivered to during the time of construction. No facility is assigned at this time.

26. Will all chlorination samples be taken from the appurtenances or will taps need to be installed periodically along the line? If periodic taps need to be installed, can the Owner/Engineer provide the bidding Contractors an estimate of how many taps they need to include in their bid?
- a. Chlorination taps shall be assumed to be installed at all tie-in locations and approximately 3000-4000 feet along the water main, at no additional cost to SAWS. The exact locations will ultimately be decided in the field by the SAWS Inspector and the SAWS chlorination team. Chlorination taps shall be in accordance with SAWS Standard DWG DD-847-01 and consist of, at a minimum, the following:
    - i. 2 – 1” Corp. Stop, CC x IP
    - ii. 2 – 1 ¼” Solid Caps. Thr.
    - iii. 2 – 1” Copper Tubing, Cut as Required
    - iv. 2 – 1” Comp. x 1 ¼” Coupling, Curb Stop
27. Please confirm the Contractor will be required to procure the services of a commercial answering service for all after-hours calls.
- a. The Contractor shall provide Owner with an emergency 24 hour telephone number for evenings, weekends, and holidays by the first working day of the project. This telephone number must be a commercial answering service. The answering service must be able to contact the Contractor and the Contractor must respond back to the Owner within two hours of the initial contact.
28. For consistency amongst all bidders, will the Owner/Engineer provide the minimum length of LPCB that will need to run parallel to Hwy. 281 (as indicated on sheet 61 of the plans). It’s assumed that, the length of LPCB for sections parallel to driveways or cross streets will vary depending on the distance from edge of pavement to center line of pipe
- a. A minimum number is not known and will be determined in the field and per the detail in the Traffic Control Plan, the MTUCD, and TXDOT standards. The Contractor is required to submit a Traffic Control Plan to TXDOT for approval and TXDOT may require barriers at additional locations. There will be no additional payment for concrete barriers.
29. Please confirm the annular space between steel casing and carrier pipe will not be backfilled/grouted.
- a. The annular space between steel casing pipe and carrier pipe will not need to be backfilled/grouted.

30. Can the existing excavated material be re-used for backfill purposes?

- a. The excavated material can be used as secondary backfill as long as it meets backfill requirements as per SAWS standard specifications.

31. Is there any charge for the chlorination services?

- a. There will be no charge for chlorination services. Contractor shall coordinate the chlorination of pipelines with the assigned SAWS Inspector for this project.

32. Is there any permit fee the contractor shall include?

- a. SAWS has coordinated with TXDOT for the construction permit and it will be provided to the contractor prior to construction. We are not aware of any additional permits, however, any if additional permits are required, the Contractor will be responsible for obtaining them.

ALL BIDDERS SHALL ACKNOWLEDGE RECEIPT OF ADDENDUM NO. 2 IN THE BID FORM AND BY HIS/HER SIGNATURE AFFIXED HERETO AND TO FILE SAME AS AN ATTACHMENT TO HIS/HER BID. BID FORMS SUBMITTED WITHOUT THIS ACKNOWLEDGEMENT WILL BE CONSIDERED INFORMAL.



**Jeremy Doege, P.E.**

Team Leader  
Lockwood, Andrews, and Newnam, Inc.  
TBPE Registration No: F-2614



**ACKNOWLEDGEMENT BY BIDDER**

THE UNDERSIGNED ACKNOWLEDGES RECEIPT OF THIS ADDENDUM NO. 1 AND THE BID SUBMITTED HERewith IS IN ACCORDANCE WITH THE INFORMATION AND STIPULATION SET FORTH.

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Date

Signature of bidder

END OF ADDENDUM NO. 2