



SAN ANTONIO WATER SYSTEM

D.S.P U.S. Highway 281 Water Main Replacement Project  
SAWS Job No. 14-4305  
Solicitation No. CO-000057

ADDENDUM NO.1

May 18, 2016

**TO BIDDER OF RECORD:**

This addendum, applicable to work referenced above, is an amendment to the bid proposal, plans and specifications 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 on the space provided in submitted copies of the bid proposal.

**PART 1 – QUESTIONS/CLARIFICATIONS**

1. Can you tell me what pipe material is required? Steel, or would you consider HDPE?
  - a. Proposed water mains are to be PVC material. Steel or HDPE materials will not be considered.
  
2. On page SC-3 of the specifications it states Horizontal Direction Drilling (boring) will not be allowed. Will SAWS explain why not? With conventional boring methods many of the bore pits will be longer than the bore itself. Example: There are many 25-28 LF driveway bores and the bore pit will be 35 ft. long. It is more work digging and shoring and backfilling this size bore pit than making the bore itself.
  - a. Trenchless crossings are to be constructed in accordance with SAWS Standard Specification 856 Jacking, Boring, or Tunneling as noted in the plans and specifications in order to remain compliant with the requirements of the TxDOT permit for construction method and encasement.
  
3. How often do we need to do density test?
  - a. All density requirements and testing shall be conducted in accordance with SAWS Standard Specification 804 – Excavation, Trenching and Backfill.
  
4. What other permits other than TxDOT will be required on this project and who is responsible for all permits?
  - a. At this time, we are not aware of any additional permits required other than the TxDOT permit, which SAWS has already coordinated and will provide to the Contractor, however, if any additional permits are required as part of the construction, the Contractor will be responsible for obtaining them.

5. If we encounter existing waterlines, sewer lines, communication lines etc., is the Contractor allowed to make the decision on where to move the location of the proposed waterline, in order to continue with production as long as it does not fall within the 10' from the edge of the pavement to avoid any downtime?
  - a. No, the Contractor is not allowed to make the decision on where to move the location of the proposed waterline. If a conflict arises in the field, the Contractor must submit an RFI and receive written approval before making field modifications.
6. How often will density testing be required, and who pays for it?
  - a. See response to Question #3. The Contractor shall be responsible for all costs associated with the proctor and density tests, as well as for providing verification that necessary compaction levels were achieved to SAWS and Consultant, if applicable.
7. Are all of the smaller intermittent waterline connections included in the bid proposal?
  - a. All small water mains and water services are included in the bid proposal. There is a possibility that additional services are discovered during construction and they shall be paid for at the unit bid price in the contract.
8. Will the abandoned pipe-lines underneath TXDOT ROW require flowable fill be pumped into them?
  - a. No, the abandoned water mains shall be capped or plugged and abandoned, and do not require flowable fill.
9. Will flowable fill be required around the steel casing pipe after it is installed?
  - a. The annular space between the steel casing pipe and the carrier pipe does not require grouting or flowable fill.
10. Who will provide the SWPPP?
  - a. The Contractor is responsible for providing the SWPPP and maintaining BMPs throughout construction. The Contractor is to provide SWPPP in compliance with local, state, and national requirements and standards at Contractor's expense.
11. Erosion controls will be determined by the SWPPP, and or the SAWS inspector's recommendations?
  - a. See response to Question #10.

12. The bedding details show two types of bedding materials around the pipe, can this be changed to reflect saws grade5 modified bedding aggregates around the pipe, 6” below and 12” above with a 6” minimum on the sides?
- a. Bedding and Initial Backfill shall be installed in accordance with SAWS Standard Specification 804 – Excavation, Trenching and Backfill. Modified Grade 5 gravel shall be utilized for Bedding and Initial Backfill.



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**Jeremy Doege, P.E.**

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END OF ADDENDUM NO. 1