

QUESTIONS AND ANSWERS

1. **Question:** Proposal bid item 02700-20 calls out 20” HDPE Siphon Line DR17 IPS, but plans reference both 20” & 18” for these lines. Which size is correct?
 1. **Answer:** The small barrel siphon is 18" HDPE. Price Proposal and plan sheets are updated in Addendum No. 1, Part 1, Item 1, Part 2, Item 1.A, and Part 3.

2. **Question:** Detail 1-E on Plan Sheet DT1 clearly provides the Contractor with a station to station reference for each type of encasement required throughout the proposed siphon stationing. To avoid confusion or assumptions at bid time, can a similar stationing reference be provided for Details 1A-1D (use of flowable fill versus sewer gravel embedment) as they relate to the open-cut sections of the proposed sewer line installation?
 2. **Answer:** Siphon station limits are updated in Addendum No. 1, Part 3. Flowable fill and gravel embedment are to be used as appropriate based upon depth of cover and paving repair requirements per information provided in the plans and specifications.

3. **Question:** Can liner plate be used in lieu of steel casing?
 3. **Answer:** Yes, liner plate is allowable. Refer to Sheet DT9, both steel casing and tunnel liner details are provided.

4. **Question:** The entire annular space between the casing pipe and carrier pipe is shown to be filled with grout. Will use of carbon steel casing spacers be acceptable in lieu of the more expensive stainless steel casing spacers shown to be required?
 4. **Answer:** Carbon steel casing spacers will be accepted as an alternative product for this project.

5. **Question:** Will final pavement markings be required where asphalt pavement repair is shown? If so, can a quantity and type be given as a bid item?
 5. **Answer:** Final pavement markings will be required. Refer to Addendum No. 1, Part 2, Item No. 1.B.

6. **Question:** Can information on the current sewer flows for lines to be bypassed be provided?

6. **Answer:** The existing SARO pipeline currently experiences a dry weather average day flow of approximately 3 MGD and a peak flow of approximately 10 MGD.
7. **Question:** Detail 1 on Plan Sheet DT5 shows a 3/8" branded continuous 316 SS cable with a minimum 3000 lb. breaking strength. Can an approved manufacturer or supplier for this product be provided?
7. **Answer:** There is no approved manufacturer. Contractor to provide a stainless steel cable that meets the specified requirements.
8. **Question:** Is it SAWS expectation that each bidder perform their own geotechnical investigations to supplement SAWS' geotechnical investigations performed during the project's design stage and include such costs as part of the bid?
8. **Answer:** As provided in the Contract Documents, including but not limited, to Item No. 19 of the Instructions to Respondents, Sections 5.6 and 5.17 of the General Conditions, and Item No. 1.4 of the Special Conditions, any geotechnical reports provided by SAWS to the bidders are for informational purposes only and in no instance should a bidder rely on the information contained in the geotechnical reports for purposes of preparing their bid. It is the Contractor's responsibility to perform whatever investigations it deems necessary in order to prepare the Contractor's bid to complete the work, complete and in place.
9. **Question:** Is it SAWS' intent that the differing site conditions clause of the contract be NOT applicable for underground conditions and that the bidders should expect the worst case in preparing bids?
9. **Answer:** All General Conditions shall apply to all aspects of this project unless modified by the Supplemental Conditions.
10. **Question:** Specification Section 02623 calls for tee base neck to be 30" where plans show 36" size. The previous project, San Antonio River Outfall Pipeline Project No. 1. had the tee base neck at 30". Please clarify.
10. **Answer:** Addendum No. 1, Part 2, Item 3 modifies Specification Section 02623 to provide 36" tee base.
11. **Question:** Detail 4 and 5 of sheet DT-3 call for 8" lateral out of tee base to be FRP material for connection to PVC. Standard Tee base manholes are built with PVC (SDR 26) pipe as laterals. Please confirm lateral stub out built on tee base to be PVC pipe.

11. **Answer:** Per Specification Section, 02623, 2.02.C, laterals shall be contact molded or manufactured from mitered sections of pipe joined by glass-fiber-reinforced overlays. If installation of laterals using SDR-26 PVC can be accomplished as required per the specifications, then it will be acceptable.

12. **Question:** Manhole # 8 is called out as both a Tee base manhole and Type 'C' Structure. Please clarify.

12. **Answer:** Manhole #8 is a Type 'C' structure. Refer to Addendum No. 1, Part 3, Item 5.