

**SAN ANTONIO WATER SYSTEM  
Western Development 24-inch Oversize  
(12-inch Required) Project  
SAWS Job # 09-1006  
SAWS Solicitation No. B-10-023-RA  
ADDENDUM NO. 1**

**April 30, 2010**

This addendum, applicable to work designed above, is an amendment to the bidding and specification documents and as such shall be part of and included in the Contract Documents. Acknowledge receipt of this addendum by entering the addendum number and issue date in the space provided in submitted copies of the proposal.

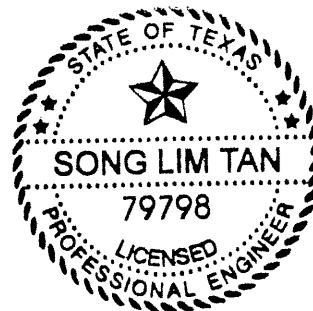
**1.0 Submitted Questions:**

**QUESTION: "What will be the pressure on this line? It is stated that it is in the "high pressure" zone for SAWS. Concerned about the megalug pressure rating that is 165 lbs. for 24" DR18 C905."**

**RESPONSE:** All fittings and restrained joints for this project shall meet class 200 pressure rating.

**2.0 Clarifications:**

- 1) The water system is to be completely restrained in accordance with the restrained length calculations appropriate for the type of pipe used on this project. Restrained lengths for this project depend on the type of pipe material used. Restrained length calculations shown on the plans are for PVC pipe. If CSC pipe is used, all joints along the entire length of the project shall be fully restrained by welding pipe joints together. Snap ring restrained joints are not allowed for CSC pipe. For materials other than PVC and CSC, restrained joint lengths shall be provided in accordance with manufacturer design calculations and as approved by the Engineer. In any case, the restrained lengths shall be designed based on the conditions encountered during installation.
- 2) In accordance with SAWS General Note #20, all trench backfill for this project shall be accomplished in one-foot lifts compacted to 98% maximum dry density (TxDOT Tex 114-E) for the full depth of the trench. The contractor shall coordinate and pay for material testing.



*SLT* 4/30/10

**ACKNOWLEDGEMENT BY BIDDER**

Each bidder is requested to acknowledge receipt of this Addendum No. 1 by his/her signature affixed hereto and to file same and attach with his/her bid.

The undersigned acknowledges receipt of this Addendum No. 1 and the bid submitted herewith is in accordance with the information and stipulations set forth.

\_\_\_\_\_  
DATE

\_\_\_\_\_  
SIGNATURE

END OF ADDENDUM NO. 1

This addendum including this page is 2 pages in its entirety.