

SAN ANTONIO WATER SYSTEM PURCHASING DEPARTMENT

Issued By: **D. Anthony Rubin**
BID NO.: 17-17103

Date Issued: **October 3, 2017**

FORMAL INVITATION FOR BIDS
CONTRACT FOR EXTENDING THE EXISTING FLUSH TANK AT BRACKISH
GROUNDWATER DESALINATION FACILITY
ADDENDUM NO. 3

Sealed bids addressed to the Purchasing Director, San Antonio Water System, 2800 US Hwy 281 North, Administration Bldg., 5th Floor, San Antonio, TX 78212 will be received until **3:00 p.m., October 6, 2017** and then publicly opened and read aloud for furnishing materials or services as described herein below,

The San Antonio Water System Purchasing Department is willing to assist any bidder(s) in the interpretation of bid provisions or explanation of how bid forms are to be completed. Assistance may be received by visiting the Purchasing Office in the SAWS Main Office, 2800 US Hwy 281 North, San Antonio, TX 78212, or by calling (210) 233-3819.

(Contractor's Insurance Requirements Attached)

This invitation includes the following:

Invitation for Bids
Terms and Conditions of Invitation for Bids

Specifications and General Requirements
Price Schedule

The undersigned, by his/her signature, represents that he/she is authorized to bind the Bidder to fully comply with the Specifications and General Requirements for the amount(s) shown on the accompanying bid sheet(s). By signing below, Bidder has read the entire document and agreed to the terms therein.

Signer's Name: _____ Firm Name: _____
(Please Print or Type)

Address: _____

Signature of Person Authorized to Sign Bid _____ City, State, Zip Code: _____

Email Address: _____ Telephone No.: _____

Fax No.: _____

Please complete the following:

Prompt Payment Discount: _____% _____days. (If no discount is offered, Net 30 will apply.)

Please check the following blanks which apply to your company:

Ownership of firm (51% or more):

___ Non-minority ___ Hispanic ___ African-American ___ Other Minority (specify) _____

___ Female Owned ___ Handicapped Owned ___ Small Business (less than \$1 million annual receipts or 100 employees)

Indicate Status: ___ Partnership ___ Corporation ___ Sole Proprietorship ___ Other (specify) _____

Tax Identification Number: _____

To report suspected ethics violations impacting the San Antonio Water System, please call 1-800-687-1918.

This **Addendum no. 3** is being issued to provide response to question submitted and add an additional requirement to section 1 of the general Scope of Work for Bid no. 17-17103 for Extending the Existing Flush Tank at Brackish Groundwater Desalination Facility.

1. Has any consideration been given to adding to the top of the existing tank in lieu of putting the proposed ring on the bottom of the tank? If so, what is the reason for wanting to add the ring to the bottom?

Answer: The existing bottom ring was designed for a dead load of the roof plus one ring and a hydrostatic head of 16 feet. With the expansion, the bottom ring will be subject to a dead load of the roof plus two rings and a hydrostatic head of 24 feet. Based on preliminary conversations with the tank manufacturer, we understood the existing bottom ring does not have sufficient structural strength for the increased loads. The successful bidder will be responsible for coordinating any changes with the tank manufacturer's engineer of record for any impacts to the current or proposed tank.

2. If the extension ring has to be added to the bottom of the existing tank, what is to be done about the staves on the current bottom ring that have penetrations (i.e. manway, suction nozzle, drain) that will be located in the second ring after the tank is expanded? Will new staves need to be provided for these locations?

Answer: The staves on the current bottom ring will be blind flanged. The new bottom ring needs to be provided with identical staves.

3. How long can the tank and Calcite System be out of service to perform the work? If the proposed duration submitted with our bid is deemed to be too long, will the contractor need to provide some sort of temporary system?

Answer: Four weeks would be the max that SAWS can have the system down. The flush tank needs a lot of equipment to be operated properly. Therefore, SAWS doesn't anticipate that a temporary tank will be able to perform the function properly.

4. After the sterilization process, will the water that must be flushed from the tank be allowed to discharge onto the ground, or will the contractor need to dispose of the "hot" water in a different manner?

Answer: Chlorinated water that is discharged to the ground shall be dechlorinated prior to discharge onto the ground in accordance with TCEQ requirements and the rate and location of discharge shall be such as to not cause erosion.

5. Will the owner be providing the final use water with zero chlorine residual or will all owner provided water have some sort of chlorine residual?

Answer: If the tank is reconnected, the tank will be filled by the flush pumps (no residual).

6. If it is determined to be more cost effective to construct a brand new tank in lieu of expanding the existing tank, what specifications must the new tank meet?

Answer: A brand new tank is not anticipated.

7. How old is the existing tank and what is the installation date?

Answer: The tank was commissioned in September/October 2016.

8. Has SAWS considered installing a new tank?

Answer: Installation of a new tank is considered to be cost prohibitive.

9. Does the warranty requested in the bid document for the expansion only?

Answer: The bid document identified that the tank expansion needs to be performed by the original tank manufacturer, American Tank Company, Inc. Because the expansion will be performed by the original tank manufacturer, the CONTRACTOR needs to provide 24 months warranty on the entire tank after commissioning the expanded tank.

10. What needs to be done with the manways and panels?

Answer: Manways: see response to Question 2 above. Panels: need to clarify which panels; electrical panels (that are located near the tank) or the metal panels of which the tank is made of.

11. What time frame can the tank be out of service?

Answer: See response to Question 3 above.

The following paragraphs need to be added at the end of Section 1, General Services of the Scope of Work:

- **Replace existing ultrasonic sensor with a 30-meter (98.3-ft) cable; Siemens Echomax XPS-15F ultrasonic transducer 7ML1171-1-D-B-1. Add conduit and miscellaneous raceway as needed to extend existing cable to location of new sensor. Return existing sensor to the Owner.**
- **The following tasks need to be performed by Prime Controls (original system integrator, and instrumentation & control contractor):**
 - a. **Installation of the sensor and calibrations of the existing level transmitter**
 - b. **Modifying existing SCADA top-end program and re-scaling the signal from the transmitter to properly process and display the new level.**
- **The CONTRACTOR will warrant the task against any defects in workmanship and materials for a period of 24 months from the date of commissioning of the expanded tank.**

IT IS NOT NECESSARY TO RETURN THIS ADDENDUM WITH THE ORIGINAL BID DOCUMENTS.