

SAN ANTONIO WATER SYSTEM PURCHASING DEPARTMENT

Issued By: **D. Anthony Rubin**
BID NO.: 17-17062

Date Issued: **May 26, 2017**

**FORMAL INVITATION FOR BIDS
CONTRACT FOR ONE PURCHASE AND INSTALLATION OF 500-HP HOT WATER BOILER AT
THE DOS RIOS WATER RECYCLING CENTER
ADDENDUM NO. 2**

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., June 2, 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. 1** is being issued to provide answer question that have been submitted for the Purchase and Installation of 500-HP Hot Water Boiler, SAWS Bid No. 17-17062. This addendum also replaces Page 29 and 32 with a revised price schedule.

IT IS NECESSARY TO RETURN THIS ADDENDUM 1 WITH COMPLETE BID PACKAGE.

QUESTIONS AND CLARIFICATIONS

Question:

1. We are working on the proposal for the new boiler and the factory has requested an updated digester gas analysis since the digester gas is going to be the primary fuel on the boiler. **Answer: The fuel analysis report issued as Addendum 1.**
2. In order to properly size the water softener for the boiler room we need to know the amount of makeup water is currently used and water hardness. Can you please provide the same? **Answer: Water usage (demand) is approximately 200 to 300-gpm on maximum demand basis (to fill system). System takes approximately 2 to 3-minutes to fill. The average demand is approximately 200 to 300-gpd (8 to 13-gph).**

Total water hardness values are provided below in both grains/gal (gpg) and mg/L.

15 to 20-gpg (257 to 342-mg/L)

3. What is the water flow (gpm, gph, gpd) and hardness (ppm, grains, other unit of measure) of the boiler/system make up water? **Answer: Refer to response to Question 2.**
4. General Instructions (page 16 item #5) – Are sealed and stamped engineering drawings required on all piping and electrical installation to include any shop fabrication or field piping? **Answer: Yes, piping and electrical installation drawings must be signed and sealed by a Texas Professional Engineer. Shop fabrication or field piping drawings do not need to be signed and sealed.**
5. Policy on Equal Employment Opportunity and SMWVB (page 33) – Are the SMWB, SEB, MBE, WBE certificates required to be submitted with the bid package? **Answer: If you complete the Good Faith Effort Plan that begins on page 43, providing the certificates will facilitate the SMWVB evaluation.**
6. Performance Deposit (page 8 item 18) – Will the performance deposit be required? **Answer: No Performance Deposit required.**
7. Other than a 110v plug-in requirement, what other requirements must the new water softener be required to meet? Is there a minimum capacity? **Answer: Refer to response to Question 2.**

8. In order to best facilitate the schedule, our team proposes to submit the Specification 15500 Shop Drawings and Samples for SAWS review and approval as soon as possible after award in order to obtain approval to procure the boiler. We estimate it will take approximately 2-3 weeks minimum to prepare this submittal to the detail required in the specifications. How much time should we account for in our schedule for SAWS review of this boiler submittal? **Answer: 7 to 10-days.**

9. In accordance with the RFP requirements, our team plans on submitting shop drawings for the required piping and electrical work, signed and sealed by a Texas Professional Engineer. How much time should we account for in our schedule for SAWS review of this submittal? **Answer: 7 to 10-days.**

10. RFP page 13, Paragraph 11, and the page 32 Delivery Schedule indicates that the boiler shall be delivered within 13 weeks after the notice to proceed. RFP page 13, Paragraph 11, states that “an additional 2 weeks from delivery date shall be granted to complete the installation.” This defines a 15-week schedule to complete work. The Cleaver Brooks representative at the site walk mentioned that their boiler will take 12-14 weeks to manufacture. We understand that upon NTP the Contractor will be required to 1) prepare and submit a boiler submittal, 2) allow for SAWS review and approval of boiler submittal, 3) purchase boiler, 4) manufacture and deliver boiler, 5) install boiler and complete final hookups, and 6) prepare and submit Boiler Installation Report and Manufacturer Data Report to TDLR, 7) perform inspection, testing and commissioning, and 8) Obtain Certificate of Operation from State of Texas. Given the time constraints listed will SAWS allow for a longer period of performance in lieu of the 15 weeks dictated in this RFP? **Answer: WILL PROVIDE RESPONSE NEXT WEEK**

REVISIONS TO CONTRACT DOCUMENTS AND TECHNICAL SPECIFICATIONS

1. Page 29 of 49, REMOVE and Replace entire sheet.

Updated information is clouded.

2. Page 32 of 49, REMOVE and REPLACE entire sheet.

Sheet was revised to update cost for Bid Item 6 Allowance (DCS Programming).

DELIVERY SCHEDULE

Delivery and Installation will be completed within 105-calendar days (15 Weeks) of purchase order. All work must be completed by December 22, 2017.

(The boiler shall be delivered within 15 weeks of the notice to proceed. The installation for a fully functional system shall be completed by December 22, 2017. It shall be the responsibility of the Contractor to abide by the schedule.)

PRICE SCHEDULE

Item No.	Description	Unit	Quantity	Unit Price	Extended Price
1	Provide and install all required piping and valves. This includes, but is not limited to, extending HWS, HWR, DG, PG, and drain lines, in accordance with the purchasing documents, complete in place.	LS	1	\$	\$
2	Electrical work (extend power to new boiler), in accordance with the purchasing documents, complete in place.	LS	1	\$	\$
3	Extend SCADA I/O points from boiler control panel to DCS terminal, in accordance with the purchasing documents, complete in place.	LS	1	\$	\$
4	Provide and install water softener and extend piping to water expansion tank, in accordance with the purchasing documents, complete in place.	LS	1	\$	\$
5	Hot water boiler (500-HP) - Equipment and installation in accordance with the purchasing documents, complete in place.	LS	1	\$	\$
6	DCS programming by Emerson, in accordance with the purchasing documents, complete in place.	ALLOWANCE	1	\$27,027.00	\$27,027.00
7	Permitting – Obtain all necessary permits.	LS	1		
					\$

BY: _____

TITLE: _____

FOR: _____
(Name of Firm Submitting Bid)

DATE: _____