

SAN ANTONIO WATER SYSTEM PURCHASING DEPARTMENT

Issued By: D. Anthony Rubin
BID NO.: 13-1454

Date Issued: April 11, 2013

FORMAL ADDENDUM FOR BID
CONTRACT FOR REHABILITATION OF WELL NO. 5 AND WELL NO. 16
ADDENDUM NO. 2

Sealed bids addressed to the Purchasing Director, San Antonio Water System, 2800 US Hwy 281 North, Administration Bldg., 5th Floor, P.O. Box 2449, San Antonio, TX 78298-2449 will be received until **3:00 p.m., April 19, 2013** and then publicly opened and read aloud for furnishing materials or services as described received 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.

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: _____

Change the bid opening date on Addendum 1 from April 11, 2013, 3:00 pm to April 19, 2013, 3:00 pm.

It is necessary to return this Addendum with your bid.

Additional requirement and clarification:

1. Pages 12 and 13 of 28, Item 2 - Replace the requirement to ensure all debris, including small floating materials are removed, with remove debris, including small floating materials to the satisfaction of SAWS.
2. Page 13, Section IV, Site Health and safety - Delete the industrial hygienist requirement. Delete specific equipment requirement for the latex gloves, respirators, rubber boots, Tyvek coveralls, goggles, hard hats and steel toed boots. Contractor shall provide a safety and health representative to develop and oversee a health and safety program (HASP) that is in compliance with all applicable state and federal standards. The safety and health representative shall develop and submit a HASP prior to commencement of any work.
3. Pages 12, 17 and 19 of 28, Item 9, Price Schedule - Delete Item 9 and 10 compliance requirement with clean water act and development of water transport. Refer to modified Price Schedule.
4. Page 16 and 19 of 28, Item 8- Reword from installing pump for well redevelopment and testing to furnish, install pump for testing and removal. Refer to modified price Schedule.
5. Page 19 of 28, Price Schedule - Delete Item 8 to video well as it is already paid by item 4. Replace video well in item 8 of the Price Schedule with furnishing, installing pump for testing and removal. Refer to modified Price Schedule.
6. Pages 17 and 19 of 28, Items 9, 10 and 11 - The deletion of items 9 and 10 rennumbers item 11 to item 9. Refer to modified Price Schedule.
7. Pages 18 and 19 of 28, Items 12 and 13 - The deletion of items 9 and 10 rennumbers item 12 and 13 to item 10 and 11. Refer to modified Price Schedule.
8. Rehabilitation completion date, including acceptance by SAWS, for both wells shall be **no later than 45 calendar days** after receipt of the SAWS Purchase Order. Failure to complete rehabilitation of both wells by the established date will result in a deduction of **\$1,000.00 per each day** past the established completion date from the total bid price.

Questions or comments concerning rehabilitation of wells #5 & #16

Question 1: Page 10 of 28, Standard Requirements, 2, 2a; Reference to Annual Contract should be deleted?

Answer 1: Change Paragraph 2, 2a to read:

2. This Contract shall include the following terms and conditions:

- a. A contract purchase order will be issued for this order. Vendor must have the Contract Purchase Order before making any delivery. Payment will be made by SAWS upon receiving or final acceptance of product installation.

Question 2: Page 11 of 28, Item #13; “One-time payment for full amount of contract”. This contract could take 60 days or longer to complete. Can we bill each well after rehabilitation?

Answer 2: . Page 11 of 28, Item 13 - Delete one-time payment. Payment will be made after each well is completely rehabilitated and accepted by SAWS.

Question 3: Page 11 of 28, Item #14a; SAWS is requiring project manager to have both driller’s and pump installer’s license. Driller’s typically do not oversee rehabilitations of wells. Will licensed pump installers be adequate?

Answer 3: Page 11 of 28, Item 14 a, b, and c - Delete Well Driller Requirement, Industrial Hygiene requirement, including deletion of a HASP with bid requirement. HASP shall be submitted prior to start up of any work. Delete specific equipment requirement for the latex gloves, respirators, rubber boots, Tyvek coveralls, goggles, hard hats and steel toed boots. Contractor shall provide a safety and health representative to develop and oversee a health and safety program (HASP) that is in compliance with all applicable state and federal standards. The safety and health representative shall develop and submit a HASP prior to commencement of any work.

Question 4: Page 11 of 28, Item #14b; SAWS is requiring Industrial Hygiene Professional to oversee health and safety. Not aware that any local well drillers and service companies that have worked for SAWS employ such a person. We have a HR/ Safety Director/ Instructor employed that oversees projects such as this and has for over 10 years, will this be adequate?

Answer 4: Page 11 of 28, Item 14 a, b, and c - Delete Well Driller Requirement, Industrial Hygiene requirement, including deletion of a HASP with bid requirement. HASP shall be submitted prior to start up of any work.

Question 5: Page 11 of 28, Item #14d; Storage tanks will be rentals, waiting on analysis, which could take weeks, will increase costs to SAWS. Are the constituents listed something that records indicate are present in higher levels in these wells? Until the analysis comes back from the lab we will not know where disposal will take place. Can we provide disposal site after analysis instead of with bid? What is the reason for this analysis?

Answer 5: Page 11 of 28, Item 14 d - Disposal of water resulting from the rehabilitation work, shall be disposed in accordance with state and federal regulatory requirements. This includes necessary tests to analyze water quality standards to ensure full compliance with regulatory standards prior to any disposal.

Answer 5: Pages 12, 17 and 19 of 28, Item 9, Price Schedule - Delete Item 9 and 10 compliance requirement with clean water act and development of water transport. Refer to modified Price Schedule.

Question 6: Page 12 of 28, Item I, Summary of Requirements; “No exceptions or proposed equals to the specifications shall be allowed”. Please answer the following;

- Item #2, bail fill from well; Bailing fill from well is outdated and new techniques offer faster removal. We would recommend “airlifting”, will this be acceptable?
- Item #3, Roto-scrubbing entire well (see comments below) **See Answer 8.**
- Item #6, Boreblast II; this is a trademark of Layne Christenson, our competitor. Wouldn’t this be considered sole sourcing? This process has been tried in Houston Texas before with minimal effect. It is my understanding that with the larger cased holes it may not work as required. Would SAWS consider “Sonar-jetting”? **See Answer 9.**
Item #11, Well development by pumping (see comments below) **See Answer 11.**

Answer 6: Pages 12 and 13 of 28 - Air Lifting can be used as an alternative to bailing for removal of debris and small floating materials prior to performing any rehabilitation work.

Question 7: Page 13 of 28, Item #2; “Ensure all debris, including small floating materials are removed”. In a Carrizo well you will not be able to eliminate all small floating materials, especially after removing the fill from the bottom of the well. If the picture is clear and able to view what is necessary will this be sufficient?

Answer 7: Replace the requirement to ensure all debris, including small floating materials are removed, with remove debris, including small floating materials to the satisfaction of SAWS.

Question 8: Page 14 of 28, Item #3, Roto-scrubbing; you are calling for 100% contact with the screens however, you also state the diameter of the brush shall not exceed the inside diameter of the screen’s vertical bars. This is not 100% contact, the wire wrap around the bars is set back approximately ¼” to 3/8” and the roto-brush will not make contact. Based on the TV survey, material was noticed within the wire wrap itself. Will the diameter requirements be changed to accommodate? Additionally, you are specifying that we utilize hydraulic tongs or rotary table to turn the roto-brush. You cannot raise or lower the roto-brush with either one of these pieces of equipment. Can we utilize a power swivel instead? Also, you state that a pre-mix solution of chlorine and acid be inserted while roto-brushing. You are telling us to utilize a certain amount of acid to regulate ph (106 gallons) but you also state that if requires more we will not be paid for it. If SAWS is controlling how much acid is to be utilized, shouldn’t we be reimbursed if it takes more?

Answer 8: Pages 12 and 14 of 28, Item 3 - Diameter of the brush used to perform roto-scrubbing shall be equal to the outside diameter of the screen. Power swivel and accessories shall be used as an alternative to hydraulic tongs or rotary table. Power swivel shall rotate brush as required in the specifications. Power swivel shall be designed to operate with shock free torque, maintain maximum torque, and provide adequate structural support. There shall not be no compensation for additional use of acid to regulate the ph of the water while chlorinating.

Question 9: Page 15 of 28, Item #6, BoreBlasting Treatment; you state that this is a non-proprietary process. As stated above this is a trademarked process for Layne Christenson (see attached). This would give Layne a competitive edge. Would SAWS consider Sonar jet instead?

Answer 9: Pages 12 and 15 of 28, Item 6 - Sonar Jetting is not accepted as an alternative to boreblasting treatment. Airburst Technology can be used as an alternative to boreblasting treatment.

Question 10: Page 16 of 28, Item #7, Redevelopment by surge block and airlift; You state that this procedure shall be deemed completed at the direction of SAWS. In the bid form it is listed as (2) each. If you are to direct us on the processes, the process is followed and the process does not satisfy SAWS at the end, we should not be penalized by having to continue the process without additional payment. Would you consider adding an additional item to the bid form to cover additional development?

Answer 10: Pages 12, 16 and 19 of 28, Item 7, Price Schedule - Replaced the quantity and unit of 2 each in the Price Schedule to perform well redevelopment by surge block and air lift to 20 hours for the two wells. Refer to modified Price Schedule.

Question 11: Page 17 of 28, Item #11, well development by pumping; this item does not pertain to rehabilitations of water wells. This is a guarantee generally associated with construction of new wells. The well’s specific capacity and sand content was established during the drilling of the well. Any changes in specific capacity or sand content are not the responsibility of the contractor since we are following your program. Will this be removed?

Answer 11: No. The requirement will not be removed.

MODIFIED PRICE SCHEDULE

(ASR Well No. 5 and No. 16)

Item No.	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL
1.	Mobilization/Demobilization/Site Clean-up	1	LS	\$	\$
2.	Bail Well or Airlift	2	EA	\$	\$
3.	Roto-Scrubbing entire Well	20	HR	\$	\$
4.	Video Well	6	EA	\$	\$
5.	Chemical Treatment	2	EA	\$	\$
6.	Bore-blasting or Air Burst Treatment	2	EA	\$	\$
7.	Well Redevelopment by Surge Block and Air-Lift	20	HR	\$	\$
8.	Furnish, install pump for testing and removal	2	EA	\$	\$
9.	Well Redevelopment by Pumping	80	HR	\$	\$
10.	Constant Rate – Rate Drawdown Test	16	HR	\$	\$
11.	Disinfection	2	EA	\$	\$
TOTAL BID					\$