

**SAN ANTONIO WATER SYSTEM PURCHASING DEPARTMENT**

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Issued By: **Anthony Rubin**  
BID NO.: **11-1145**

Date Issued: **June 23, 2011**

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**FORMAL INVITATION FOR BIDS  
CONTRACT BID TO REHABILITATE ARTESIA WELL NO. 5  
ADDENDUM NO. 2**

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Sealed bids addressed to the Purchasing Director, San Antonio Water System, 2800 US Hwy 281 North, P.O. Box 2449, San Antonio, TX 78298-2449 will be received until **3:00 p.m., June 29, 2011** 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: \_\_\_\_\_

**The following is a list of questions from the pre-bid meetings held on June 15 & 17, 2011:**

**QUESTIONS for SAWS Bid 11-1145 Rehabilitation of Artesia Well No. 5:**

1. How do we conduct the discharge water from the well to the drainage ditch?

*SAWS will provide direction.*

2. Will there be a charge for supply water and how far from the well will it be available?

*No, but vendor shall provide a flow meter for SAWS documentation. The furthest would be approximately 1/4 mile to a fire hydrant at the SAWS gate.*

3. Does the owner have a NPDES permit for this site?

*SAWS does not require one for this project. Vendor shall practice best management practice when discharging from the site.*

4. What will be the flow rate for testing the well?

*5,000 g.p.m.*

5. Is the site contaminated and if so no water can be discharged from the site?

*No*

6. Will temporary fencing be needed as the site is secure?

*The site is secure, but vendor can provide additional fencing if it's in their best interest.*

7. If the flow is 5000 gpm and the onsite storage is 60,000, this only allows for 12 minutes of pumping. How will this volume of water be handled?

*The frac tanks are for settling solids. All mechanical developed fluids must be pumped through the tanks. Pump development water shall be processed through the tanks up to 1,000 gpm. After the well has been thoroughly developed at 1,000 gpm rate, the tanks shall be by-passed.*

8. Will the well be allowed to pump to pump 5000 gpm for 24 hours for testing while the city is in a drought?

*Change 24 to 1 hour as the Edwards will not draw down more after a short period of time based on historical data.*

9. Who will hook up the electrical to the motor?

*SAWS*

10. If the owner is supplying the parts and the contractor is supplying labor, what does the one year warranty include?

*One year warranty covers defective workmanship.*

11. Who inspects the existing pump and determine what repairs are needed?

***SAWS will be responsible for the condition of all parts including the pump.***

12. Will progress payments be allowed on a percentage of work or will the contractor have to absorb the cost of the project until the project is completed and accepted by SAWS?

***One payment will be issued upon acceptance of the well.***

13. Does the project have MWDBE goals, and if so, what are they.

***No MWDBE goals.***

14. Will the existing vault and discharge line be replace and if so, will this work be during the same time frame as the well rehabilitation?

***Right now we have no plans to replace the vault or discharge line during the rehabilitation.***

15. Who collects bacteria samples on the well before its put in service?

***SAWS***

16. Is a performance and vibration test required on the pump after it is put in service?

***No***

17. Page 11 of 25, Standard Requirements #9: Vendor Warranty does not make any sense. Should be removed.

***No, Vendor warranty covers defective workmanship.***

18. Page 13 of 25, Summary of requirements #8 & 10: Development with surge block (agitator). Not in open hole formation. If one rock falls in on top of agitator, due to surging and development procedures, the agitator will become stuck in the hole without any chance of removal. Drill pipe would have to be cut off and well possibly abandoned depending on the depth. Need to revise this procedure to alternative method.

***The belted rubbers on the surge block shall be 22” in diameter with the steel plates that hold the rubbers to have an outside diameter of 12”. This will allow for 5” on a side of flexible rubber with an additional two inches of clearance between the open hole and swabs. If any material does fall on top of the surge block, the material should easily pass by the swabs or be able to be brought to the surface. We do not expect any material of any size to fall on top of the surge block especially after drilling and open ended air lifting development has been completed.”***

19. Page 19 of 25, Item #9, Well Redevelopment by Pumping: This section refers to sand wells, not open hole Edwards wells. We have no control over sand production in Edwards wells. Needs to be removed.

***Vendor shall not have control over sand production. Therefore delete item 9 from the contract.***

## PRICE SCHEDULE

<b>BASE BID</b>					
Item No.	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL
1.	N.P.D.E.S. Permit Compliance	1	LS		
2.	Remove Existing Pump, Column Pipe & Video Well	1	LS		
3.	Development Water Transport	1	LS		
4.	Reverse Rotary Drilling and Removal of Bentonite/Fill	425	LF		
5.	Well Redevelopment by Open Ended Airlifting Heavy Fluids	12	HR		
6.	Chemical Treatment(Perform Twice before Each Well Redevelopment by Surge Block and Airlift)	2	LS		
7.	Well Redevelopment by Surge Block and Airlift(Perform Twice for 45 minutes after each of the two chemical treatments)	90	HR		
8.	Install Pump for Well Redevelopment & Testing	1	LS		
9.	<b>Well Redevelopment by Pumping</b>	<b>40</b>	<b>HR</b>		
10.	Constant Rate Drawdown Test	24	HR		
11.	Video Well	1	LS		
12.	Reinstall Pump, Motor & Discharge Head(Purchase of Parts not included)	1	LS		
<b>TOTAL BASE BID – LUMP SUM</b>					

<b>ALTERNATE BID</b>					
ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL
13.	Artesian Flow Control	1	LS		
<b>TOTAL BASE BID PLUS ALTERNATE BID – LUMP SUM</b>					

**Note: SAWS shall not accept the contractor's bid if the above Price Schedule is not fully completed.**

**IT IS NECESSARY TO RETURN THIS ADDENDUM WITH YOUR BID.**