

SAN ANTONIO WATER SYSTEM PURCHASING DEPARTMENT

Issued By: **Anthony Rubin**
BID NO.: **13-1460**

Date Issued: **April 22, 2013**

FORMAL INVITATION FOR BIDS
TURTLE CREEK NO. 2, WELL NO. 2 WELL PUMP IMPROVEMENTS
ADDENDUM NO. 1

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., April 25, 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: _____

The following is a list of questions from the mandatory pre-bid site visit held on April 16, 2013:

1. On the specifications called for a 4160V motor, is that correct? **Yes. The contract requires rated voltage service of 4,160 volts.**
2. Also on the bid you want a 3 piece coupling on the motor, so the motor do you want it to be VSS? **Contract requires a vertical hollow shaft motor. The pump and motor coupling shall be threaded type enabling vertical adjustment of the impellers with the motor in place. See answer to question 10.**
3. Also look at the attached pump bowl that we are proposing, it exceed the maximum shut off pressure, will that be fine to use? **Pump Design condition can allow for a maximum shut off head of 850 feet.**
4. On the reference bid, will SAWS be pulling the BT samples or will the contractor will be, and will the contractor wire the motor or will SAWS do this? **SAWS crews will pull samples for coliform bacteria.**
5. Page 14 of 30, Pump Shaft bearings to be bronze back bearings. Should this be bronze backed rubber bearings? These are for the bowl assembly only? Use the Vesconite bearings on the retainer (column) assembly? **Bearings for the bowl assembly shall be water lubricated bronze, ASTM B584, alloy 903 or an approved equal, except suction bowl bearing shall be permanently packed, grease lubricated bronze. Vesconite bearings are required on the column assembly.**
6. Page 14 of 30, Flowserve's standard aluminum bronze is C-952, you have specified C-953. Will C-952 be acceptable? **C-952 is acceptable as it is categorized as aluminum bronze type material.**
7. Page 14 of 30, Ni-Al-Bronze Impeller is C-958 not C-952. **Correct as stated. Contract requires ASTM B148, C-958 impellers or type 316 stainless steel impellers.**
8. Page 14 of 30, Suction Pipe with Strainer, what type of material to be used on strainer? Stainless or galvanized? **Strainer shall consist of type 316 stainless steel material.**
9. Page 16 of 30, VII, Motor A, calls for WP-2. C2 calls for WP-1. Which enclosure is required? **Motor enclosure shall be TEFC (totally enclosed fan cooled).**
10. Page 14 of 30, Pump and Motor Coupling. You are calling for a flanged coupling. These are utilized on solid shaft motors not Hollow shaft motors. Would threaded coupling be OK? ? **Contract requires a vertical hollow shaft motor. The pump and motor coupling shall be threaded type enabling vertical adjustment of the impellers with the motor in place.**
11. Page 15 of 30, Current HI defines vibration in terms of velocity and not peak to peak. Can we quote most current HI vibration limits. **Use the latest version HI 9.6.4 for vibration measurement and allowable values.**
12. Page 15 of 30, Fabricated heads have 150# flanges not 125#. 125# flanges are for cast iron heads. **Pump well head flanges shall be fabricated steel with ANSI B16.5 , Class 150.**

13. Page 15 of 30, You specify flanged column pipe instead of threaded. We are at the limits of the manufacture's recommendations on flanged column pipe. Will require heavy duty bolts to handle the weight. Would recommend threaded for this application with drop in retainers for the bearings, will this be satisfactory? **Yes, this will be satisfactory, contract requirement is changed to threaded application. See below:**
1. **Column pipe shall be 12 inch diameter with drop in retainers.**
 2. **Wall thickness shall be 0.375 inches, 3/4" tapered threaded column pipe, and consist of carbon steel.**
 3. **Column sections shall be furnished in interchangeable sections and be no greater than 20 feet in length.**
 4. **Column pipe shall be coated with a two component epoxy coating system at a minimum of 10 mils dry film thickness and certified to ANSI/NSF 61.**
14. Delivery on the pump and motor has been estimated, by the manufacturer, at 16 weeks. You have a 120 day contract with \$1,000.00 LDs. Can the contract time be extended to 150 days? **Contract time is extended to 150 calendar days.**
15. Column Pipe / D. Line Shaft Bearings 2. Integral column bearings are LAYNE SPEC . SAWS has Brass drop in retainers on all other wells. Can we quote Brass drop in with Vesconite inserts? **Delete integral column bearing retainers as the contract now requires threaded column pipe. Brass drop-in retainers with Vesconite bearings are required.**
16. 12 in Column is threaded not flanged? **It is changed to threaded column pipe. See answer to question 13.**
17. Delivery on equipment is 14 to 16 weeks? Can't make your time line? **Contract time is extended to 150 calendar days.**
18. Is motor Vertical Hollow Shaft or Solid Shaft ? **The motor is a vertical hollow shaft.**

IT IS NECESSARY TO RETURN THIS ADDENDUM WITH YOUR BID.