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**SAN ANTONIO WATER SYSTEM PURCHASING DEPARTMENT**

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Issued By: Yvonne C. Torres  
BID NO.: 12-6014

Date Issued: March 13, 2012

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**FORMAL INVITATION FOR BEST VALUE BIDS (BVB) FOR  
BIENNIAL CONTRACT FOR WATER TREATMENT  
CHEMICALS AND SERVICES  
ADDENDUM NO. 1**

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Sealed bids, one (1) Original and seven (7) copies, addressed to the Purchasing Manager, 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., March 21, 2012** 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 Best Value 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: \_\_\_\_\_

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This Addendum 1 makes the following changes to the original bid document:

- Adds the Location of the SAWS Environmental Lab
- Provides the questions asked and the responses to those questions

### **Additional Location**

SAWS Environmental Lab  
3610 Valley Rd.  
San Antonio, Texas 78221

1 ea Rite Boiler  
2 ea Chillers

Boiler Manufacture: Rite  
Model: 225WGE  
Serial: 05-29835  
Fuel: Natural Gas  
Design Pressure: 125#  
¾ Hp. Motor  
Boiler is used for Reheat Water (Closed Loop)  
Annual Make up ( 7 gallons )- due to preventive maintenance

Chillers: Carrier  
Air-Cooled Liquid Chillers  
2- 120 ton Chiller  
Model: 30xaa1206h-0-j-3  
Serial: 4205Q90464  
Nominal Flow Rate: 264.8 gpm  
Chill Water Only- (Closed Loop )  
Annual Make up (20 gallons)- due to preventive maintenance

### **QUESTIONS**

See the questions asked and the responses below.

1. Are you asking for MOLYBDATE to be used in the Cooling Towers at 0.6-1.0 ppm concentration. I do not see it in the specs, but it is on the sample cooling tower water analysis report.

**Response:** MOLYBDATE is used as a (test tracer only) and parameters are set by the vendor based upon their company chemical product.

2. Do you have the amount of the different products used last year and their cost?

**Response:** Quantities in the bid are based upon the average quantities used over the past several years. As this was bid as a Best Value Bid, a bid tabulation is not available.

3. Please define “detailed lab testing” as annotated in Section IV Step 3 Additional Services.

**Response:** Section IV Scope of Services, Item 3 Additional Services, Section C (page 16 of 49) as detailed below is deleted from the Scope of Work.

C) The Contractor shall collect samples for detailed laboratory analysis monthly and when SAWS considered necessary for effective control of the water treatment programs. See Attachment 1 and 2 for a sample of cooling tower water and boiler water analysis report.

4. Are annual blow down numbers available for each site? If so, what are they?

**Response:** Total water volume used per plant in 2011:

- Central Plant (Recycle water): 35,476,915
- Cherry Street Plant (Potable water): 86,086,000

5. What is the average cycles of concentration required for each site?

**Response:** See Bid 12-6014 (System Parameters) page 15 of 49

6. Total Volume for cooling water system at 900 E Commerce central plant and for 725 S Cherry St plant. If is possible we also would need total volume for all towers at Kelly USA.

**Response:** See answers to question below (design volume per plant):

- Central Plant Cooling Tower total volume: 37,500 gallons
- Cherry Street Plant Cooling tower total volume: 24,000 gallons
- The Kelly plants:
  - 500 Perrin (Bldg 325): 30,000 gallons
  - 335 Airlift Drive (Bldg 356): 39,000 gallons
  - 307 Chitty Drive (Bldg 1625): 25,5000 gallons

**IT IS NOT NECESSARY TO RETURN THIS ADDENDUM WITH YOUR BID.**