

SAN ANTONIO WATER SYSTEM PURCHASING DEPARTMENT

Issued By: Sandra Rios
BID NO.: 19-19112A

Date Issued: September 17, 2019

**FORMAL INVITATION FOR BIDS
FOR THE ONE TIME PURCHASE OF AUTOMATED BIOCHEMICAL
OXYGEN DEMAND (BOD) ANALYZER
ADDENDUM 1**

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. September 30, 2019** 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.

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 1** is issued for Bid 19-19112A.

1. Answer question(s).

IT IS NOT NECESSARY TO RETURN THIS ADDENDUM 1 AS PART OF YOUR BID SUBMISSION

- 1. Is the automated BOD analyzer required to pH adjust RAW BOD samples or does the robot convert between BOD analysis and pH analysis (2 separate applications) The minimum sample volume of 100 mL seems to indicate two separate applications since RAW BOD is typically in 1000 or 500 mL containers.**

Response: The analyzer should be able to pH adjust any sample regardless of volume.

- 2. There are no specifications mentioned on moving/pipetting pH adjusted RAW sample to the BOD bottles. Will this be done manually?**

Response: If the sample requires pH adjustment, we would prefer that the adjusted sample be moved via the analyzer.

- 3. The specifications require 2 BOD probes for analysis and 2 for back up. Does this mean dual probe reading/BOD bottle processing (i.e. running bottles #1 and #2 at the same time)?**

Response: Yes.

- 4. How many BOD bottles are processed a day on average? How many pH samples are processed a day on average?**

Response: 13 samples per day, each sample has 2 dilutions (3 & 6 mLs), 9 QC bottles for BOD and 9 QC bottles for CBOD. Total: 44 bottles minimum per day, maybe more depending on projects. All samples must be pH'd prior to analysis.

- 5. The specifications request bottle stoppers/caps that can be used for auto capping and de-capping by the analyzer. I understand you are requiring the caps, but are you also requiring the capping/de-capping mechanism? Would you also be requiring two mechanisms?**

Response: We are not requiring the capping/de-capping mechanism but it is highly desired. Typically the same mechanism can cap and de-cap.

- 6. YSI offers a dual probe BOD meter with pH. It is the MultiLab 4010-3W. This means less bench space and less hardware since two BOD probes and the pH w/temperature probe are all controlled by one meter. Is this acceptable? More info here: <https://www.ysi.com/MultiLab-4010-3W>**

Response: As long as the pH can be taken and adjusted prior to BOD analysis.

- 7. Below is a link to more information on the Skalar Automated BOD analyzer. According to the specifications, we must be pre-approved to offer a bid response. Literature is also attached. <https://www.skalar.com/analyzers/sp2000-robotic-analyzers-turnkey-or-custom-made-automation-solutions>**

Response: Yes, they can be pre-approved to offer a bid response.

- 8. Travel costs related to service contracts, installation etc need to be incorporated in the Bid total amount. Are we to extract it now and go by SAWS Reimbursable Expense Policy?

Response: Travel costs for **service** should be included in price of contract. Travel Line item in Price Schedule is solely for the On-Site Training portion.

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All other terms and conditions of the original bid remain unchanged.