

SAN ANTONIO WATER SYSTEM PURCHASING DEPARTMENT

Issued By: Joseph Ramon
BID NO.: 16-9008

Date Issued: November 17, 2016

**FORMAL INVITATION FOR BIDS
ANNUAL CONTRACT FOR SERVICE OF AUTOMATIC WATER CONDITIONING
SYSTEM (DE-IONIZER AND REVERSE OSMOSIS) FOR LABORATORY and WATER
TREATMENT SERVICES FOR SAWS SERVICE CENTERS
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. November 22, 2016** 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 to make the following changes on Bid 16-9008.

1. Bid Due Date has changed as follows:

“3:00 p.m., November 22, 2016”

2. Questions and Responses to questions

3. Revised price schedule- Price schedule has been revised as follows.

Group 1 Monthly

Currently the laboratory is charged for a Monthly Service and for the change out of 2 D.I. Exchange Resin tanks. No. 6 should be listed as follows

- Added Mixed Bed Resin to item 6 and separated by location: Cost for Exchange Resin change out
- Laboratory Services – Qty 48
- Mission Road Services – 16
- Medio Creek – Qty 16
- H2O Oaks – Qty 16
- Dos Rios – Qty 12
- Changed column title from unit price to unit price/unit.
- Added an extra line for Cost for UV Lamp by location.
- Revised item 16 to read Portable 9” water softener exchange tank.
- Removed Medio Creek from Group 2 Cost to reconfigure system at the following locations.

IT IS NECESSARY TO RETURN THIS ADDENDUM 1 AS PART OF YOUR BID SUBMISSION

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

I. QUESTIONS: General

- 1) Please clarify type of exchange resin needed. i.e. Mixed Bed Resin, Softening Resin, etc.?

Response: Mixed Bed Resin

- 2) Cost for UV Lamp, does this include both the Dos Rios Site and Mission RO systems?

Response: Yes

- 3) Does system installation for DI Lab Faucet desk mounted need to include penetrating counter tops or will this be handled by SAWS facility maintenance personnel?

Response: Yes, cost shall include the penetrating of counter tops

- 4) Requesting to see the last 12 months maintenance and precertification reports

Response: See Exhibit 1

PRICING SCHEDULE REVISION 1

*Quantities provided are only estimates and are in no way binding to SAWS. Quantities are good for two (2) years
SAWS reserves the right to add or delete items and change quantities depending on SAWS needs.*

Item No.	Description	UOM	Quantity	Unit Price	Extended Price
GROUP 1: Monthly					
1	Cost for monthly service for the Laboratory Services	Month	24	\$	\$
2	Cost for monthly service for the Medio Creek Wastewater Treatment Plant	Month	8	\$	\$
3	Cost for monthly service for the Mission Road Service Center	Month	8	\$	\$
4	Cost for monthly service for the Dos Rios Wastewater Treatment Plant	Month	8	\$	\$
5	Cost for monthly service for the H ₂ O Oaks Desalinization Plant	Month	8	\$	\$
6	Cost for exchange resins-Mixed Bed Resin Laboratory Services	Each	48	\$	\$
7	Cost for exchange resins-Mixed Bed Resin Mission Road Services	Each	16	\$	\$
8	Cost for exchange resins-Mixed Bed Resin Medio Creek	Each	16	\$	\$
9	Cost for exchange resins-Mixed Bed Resin H ₂ O Oaks	Each	16	\$	\$
10	Cost for exchange resins-Mixed Bed Resin Dos Rios	Each	12	\$	\$
11	Cost for salt pellets (Laboratory)	Per/ 50lbs	48	\$	\$
12	Cost for salt pellets (Mission Rd)	Per/25lbs	16	\$	\$
13	Cost for filters	Each	8	\$	\$
14	Cost for UV Lamp Dos Rios	Each	8	\$	\$
15	Cost for UV Lamp Mission Road	Each	8	\$	\$
16	Cost to clean RO Syst. membranes	Each	2	\$	\$
17	Cost to sanitize RO water tank	Each	2	\$	\$
18	Cost to calibrate DI Water meter**	Each	8	\$	\$

19	Cost to calibrate RO Syst. meter***	Each	2	\$	\$
20	Portable 9" water softener exchange tank	Each	30	\$	\$
21	Cost to rebed water softener tanks	Each	4	\$	\$
22	Cost to rebed Carbon tanks	Each	12	\$	\$
23	Replace RO system membranes	Each	6	\$	\$

Sub Total for Group 1 \$

Item No.	Description	UOM	Quantity	Unit Price	Extended Price
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GROUP 2: Cost to reconfigure system at the following locations

1	Mission Road Service Center	Each	1	\$	\$
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Sub Total for Group 2 \$

Item No.	Description	UOM	Quantity	Unit Price	Extended Price
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GROUP 3: Cost for New Locations (one time cost)

1	<p>The major system components should include in sequence for the following locations: Dos Rios Wastewater Treatment Plant, H2O Oaks Desalinization Plant, and Medio Creek Wastewater Treatment Plant: 2231 Hunt Lane, San Antonio, TX 78227: 1) leak controller system, 2) activated carbon tank, 3) two-tank mixed-bed DI array, 4) water quality indicator light positioned between the two DI tanks and 5) lab faucet with water quality indicator light.</p> <p><u>Component Description</u></p> <ul style="list-style-type: none"> • 1 ea. Leak Controller – Automatic shut-off valve, 3/8" tubing connections, battery-operated, audible alarm, 21" x 29" drip tray • 1 ea. Carbon Tank – 8"D x 18"H, FRP or stainless steel, ~ 0.45 ft³ activated carbon media • 2 ea. DI Tank(s) – 8"D x 18"H, FRP or stainless steel, ~ 0.45 ft³ mixed-bed ion exchange media • 1 ea. Lab Faucet – Extruded PVC gooseneck, removable serrated barb tip, rebuildable control valve, black handle w/white marker and black "DI" text • 2 ea. Water Quality Indicator Light – 200k Ohm/cm resistivity threshold, red/green indicator, 120 VAC to 9 VDC wall transformer 	Site	3	\$	\$

	All tanks must fit within under-sink cabinet space and include a drip tray. All installation materials (tubing and fittings) to be non-metallic.	
Sub Total for Group 3		\$

Note: Bid pricing should be based on deliveries on an as needed basis. SAWS will not accept one delivery of the entire bid quantity.

**Refers to the meter reading the conductivity of the water after the deionizer beds. It must be calibrated at least annually.

***Refers to the meter on the RO System controller measuring the quality of the water after the RO system.

Item No.	Description	UOM	Quantity	Unit Price	Extended Price
GROUP 4: Initial Setup for the following locations					
1	Laboratory Services	Each	1	\$	\$
2	Medio Creek Wastewater Treatment Plant	Each	1	\$	\$
3	Mission Road Service Center	Each	1	\$	\$
4	Dos Rios Wastewater Treatment Plant	Each	1	\$	\$
5	H ₂ O Oaks Desalinization Plant	Each	1	\$	\$
Sub Total for Group 4					\$

Item No.	Description	UOM	Quantity	Unit Price	Extended Price
GROUP 5: Emergency Service					
1	<i>Regular Time</i> Defined as Monday – Friday; 8am – 5 pm	Hourly	48	\$	\$
2	<i>Over Time</i> Defined as anything before 8 am after 5 pm, weekends and holidays	Hourly	48	\$	\$
Sub Total for Group 5					\$

Item No.	Description			Extended Price
GROUP 6: REPLACEMENT PARTS				
1	Cost Plus applies to all Purchased Parts			
	(a) Estimated Annual Purchase		\$ 8,000	(a)
	(b) Add Cost Plus Mark Up % ____ convert to decimal 0.____ X \$8,000		\$ _____	(b)
	(c) Total (a + b)		\$ _____	(c)
Sub Total for Group 6				\$
GRAND TOTAL (Group 1 - 6)				\$

Note: Cost Plus not to exceed 10%

PRICING SCHEDULE REVISION 1

Option Year One – January 1, 2019 – December 31, 2019

Quantities provided are only estimates and are in no way binding to SAWS.

SAWS reserves the right to add or delete items and change quantities depending on SAWS needs.

Item No.	Description	UOM	Quantity	Unit Price	Extended Price
GROUP 1: Monthly					
1	Cost for monthly service for the Laboratory Services	Month	12	\$	\$
2	Cost for monthly service for the Medio Creek Wastewater Treatment Plant	Month	4	\$	\$
3	Cost for monthly service for the Mission Road Service Center	Month	4	\$	\$
4	Cost for monthly service for the Dos Rios Wastewater Treatment Plant	Month	4	\$	\$
5	Cost for monthly service for the H ₂ O Oaks Desalinization Plant	Month	4	\$	\$
6	Cost for exchange resins-Mixed Bed Resin Laboratory Services	Each	24	\$	\$
7	Cost for exchange resins-Mixed Bed Resin Mission Road Services	Each	8	\$	\$
8	Cost for exchange resins-Mixed Bed Resin Medio Creek	Each	8	\$	\$
9	Cost for exchange resins-Mixed Bed Resin H ₂ O Oaks	Each	8	\$	\$
10	Cost for exchange resins-Mixed Bed Resin Dos Rios	Each	6	\$	\$
11	Cost for salt pellets (Laboratory)	Per/50lbs	24	\$	\$
12	Cost for filters	Each	4	\$	\$
13	Cost for UV Lamp Dos Rios	Each	4	\$	\$
14	Cost for UV Lamp Mission Road	Each	4	\$	\$
15	Cost to clean RO Syst. membranes	Each	1	\$	\$
16	Cost to sanitize RO water tank	Each	1	\$	\$
17	Cost to calibrate DI Water meter**	Each	4	\$	\$
18	Cost to calibrate RO Syst. meter***	Each	1	\$	\$

19	Portable 9" water softener exchange tank	Each	15	\$	\$
20	Cost to rebed water softener tanks	Each	4	\$	\$
21	Cost to rebed Carbon tanks	Each	12	\$	\$
22	Replace RO system membranes	Each	6	\$	\$
Sub Total for Group 1					\$

Note: Bid pricing should be based on deliveries on an as needed basis. SAWS will not accept one delivery of the entire bid quantity.

**Refers to the meter reading the conductivity of the water after the deionizer beds. It must be calibrated at least annually.

***Refers to the meter on the RO System controller measuring the quality of the water after the RO system.

Item No.	Description	UOM	Quantity	Unit Price	Extended Price
GROUP 2: Emergency Service					
1	<i>Regular Time</i> Defined as Monday – Friday; 8am – 5 pm	Hour	24	\$	\$
2	<i>Over Time</i> Defined as anything before 8 am after 5 pm, weekends and holidays	Hour	24	\$	\$
Sub Total for Group 2					\$

Item No.	Description			Extended Price
GROUP 3: REPLACEMENT PARTS				
1	Cost Plus applies to all Purchased Parts			
	(a) Estimated Annual Purchase		\$ 8,000	(a)
	(b) Add Cost Plus Mark Up % ____ convert to decimal 0.____ X \$8,000		\$ _____	(b)
	(c) Total (a + b)		\$ _____	(c)
Sub Total for Group 3				\$
GRAND TOTAL (Group 1 - 3)				\$

Note: Cost Plus not to exceed 10%

PRICING SCHEDULE REVISION 1

Option Year Two – January 1, 2020 – December 31, 2020

Quantities provided are only estimates and are in no way binding to SAWS.

SAWS reserves the right to add or delete items and change quantities depending on SAWS needs.

Item No.	Description	UOM	Quantity	Unit Price	Extended Price
GROUP 1: Monthly					
1	Cost for monthly service for the Laboratory Services	Month	12	\$	\$
2	Cost for monthly service for the Medio Creek Wastewater Treatment Plant	Month	4	\$	\$
3	Cost for monthly service for the Mission Road Service Center	Month	4	\$	\$
4	Cost for monthly service for the Dos Rios Wastewater Treatment Plant	Month	4	\$	\$
5	Cost for monthly service for the H ₂ O Oaks Desalinization Plant	Month	4	\$	\$
6	Cost for exchange resins-Mixed Bed Resin Laboratory Services	Each	24	\$	\$
7	Cost for exchange resins-Mixed Bed Resin Mission Road Services	Each	8	\$	\$
8	Cost for exchange resins-Mixed Bed Resin Medio Creek	Each	8	\$	\$
9	Cost for exchange resins-Mixed Bed Resin H ₂ O Oaks	Each	8	\$	\$
10	Cost for exchange resins-Mixed Bed Resin Dos Rios	Each	6	\$	\$
11	Cost for salt pellets (Laboratory)	Per/50lbs	24	\$	\$
12	Cost for filters	Each	4	\$	\$
13	Cost for UV Lamp Dos Rios	Each	4	\$	\$
14	Cost for UV Lamp Mission Road	Each	4	\$	\$
15	Cost to clean RO Syst. membranes	Each	1	\$	\$
16	Cost to sanitize RO water tank	Each	1	\$	\$
17	Cost to calibrate DI Water meter**	Each	4	\$	\$
18	Cost to calibrate RO Syst. meter***	Each	1	\$	\$

19	Portable 9" water softener exchange tank	Each	15	\$	\$
20	Cost to rebed water softener tanks	Each	2	\$	\$
21	Cost to rebed Carbon tanks	Each	6	\$	\$
22	Replace RO system membranes	Each	3	\$	\$
Sub Total for Group 1					\$

Note: Bid pricing should be based on deliveries on an as needed basis. SAWS will not accept one delivery of the entire bid quantity.

**Refers to the meter reading the conductivity of the water after the deionizer beds. It must be calibrated at least annually.

***Refers to the meter on the RO System controller measuring the quality of the water after the RO system.

Item No.	Description	UOM	Quantity	Unit Price	Extended Price
GROUP 2: Emergency Service					
1	<i>Regular Time</i> Defined as Monday – Friday; 8am – 5 pm	Hour	24	\$	\$
2	<i>Over Time</i> Defined as anything before 8 am after 5 pm, weekends and holidays	Hour	24	\$	\$
Sub Total for Group 2					\$

Item No.	Description			Extended Price
GROUP 3: REPLACEMENT PARTS				
1	Cost Plus applies to all Purchased Parts			
	(a) Estimated Annual Purchase		\$ 8,000 (a)	
	(b) Add Cost Plus Mark Up % ____ convert to decimal 0.____ X \$8,000		\$ _____ (b)	
	(c) Total (a + b)		\$ _____ (c)	
Sub Total for Group 3				\$
GRAND TOTAL (Group 1 - 3)				\$

Note: Cost Plus not to exceed 10%

PRICING SCHEDULE REVISION 1

Option Year Three – January 1, 2021 – December 31, 2021

Quantities provided are only estimates and are in no way binding to SAWS.

SAWS reserves the right to add or delete items and change quantities depending on SAWS needs.

Item No.	Description	UOM	Quantity	Unit Price	Extended Price
GROUP 1: Monthly					
1	Cost for monthly service for the Laboratory Services	Month	12	\$	\$
2	Cost for monthly service for the Medio Creek Wastewater Treatment Plant	Month	4	\$	\$
3	Cost for monthly service for the Mission Road Service Center	Month	4	\$	\$
4	Cost for monthly service for the Dos Rios Wastewater Treatment Plant	Month	4	\$	\$
5	Cost for monthly service for the H ₂ O Oaks Desalinization Plant	Month	4	\$	\$
6	Cost for exchange resins-Mixed Bed Resin Laboratory Services	Each	24	\$	\$
7	Cost for exchange resins-Mixed Bed Resin Mission Road Services	Each	8	\$	\$
8	Cost for exchange resins-Mixed Bed Resin Medio Creek	Each	8	\$	\$
9	Cost for exchange resins-Mixed Bed Resin H ₂ O Oaks	Each	8	\$	\$
10	Cost for exchange resins-Mixed Bed Resin Dos Rios	Each	6	\$	\$
11	Cost for salt pellets (Laboratory)	Per/50lbs	24	\$	\$
12	Cost for filters	Each	4	\$	\$
13	Cost for UV Lamp Dos Rios	Each	4	\$	\$
14	Cost for UV Lamp Mission Road	Each	4	\$	\$
15	Cost to clean RO Syst. membranes	Each	1	\$	\$
16	Cost to sanitize RO water tank	Each	1	\$	\$
17	Cost to calibrate DI Water meter**	Each	4	\$	\$
18	Cost to calibrate RO Syst. meter***	Each	1	\$	\$

19	Portable 9" water softener exchange tank	Each	15	\$	\$
20	Cost to rebed water softener tanks	Each	2	\$	\$
21	Cost to rebed Carbon tanks	Each	6	\$	\$
22	Replace RO system membranes	Each	3	\$	\$
Sub Total for Group 1					\$

Note: Bid pricing should be based on deliveries on an as needed basis. SAWS will not accept one delivery of the entire bid quantity.

**Refers to the meter reading the conductivity of the water after the deionizer beds. It must be calibrated at least annually.

***Refers to the meter on the RO System controller measuring the quality of the water after the RO system.

Item No.	Description	UOM	Quantity	Unit Price	Extended Price
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GROUP 2: Emergency Service

1	<i>Regular Time</i> Defined as Monday – Friday; 8am – 5 pm	Hour	24	\$	\$
2	<i>Over Time</i> Defined as anything before 8 am after 5 pm, weekends and holidays	Hour	24	\$	\$
Sub Total for Group 2					\$

Item No.	Description				Extended Price
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GROUP 3: REPLACEMENT PARTS

1	Cost Plus applies to all Purchased Parts			
	(a) Estimated Annual Purchase		\$ 8,000	(a)
	(b) Add Cost Plus Mark Up % ____ convert to decimal 0.____ X \$8,000		\$ _____	(b)
	(c) Total (a + b)		\$ _____	(c)
Sub Total for Group 3				\$

GRAND TOTAL (Group 1 - 3)	\$
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Note: Cost Plus not to exceed 10%

GRAND TOTAL (BASE, EXT 1, EXT 2, EXT 3) \$_____

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

IT IS NECESSARY TO RETURN THIS ADDENDUM 1 AS PART OF YOUR BID SUBMISSION