

SAN ANTONIO WATER SYSTEM PURCHASING DEPARTMENT

Issued By: D. Anthony Rubin
BID NO.: 18-16021

Date Issued: April 30, 2018

FORMAL INVITATION FOR BIDS
ANNUAL CONTRACT FOR ENDRESS HAUSER ULTRASONIC FLOW METERS
ADDENDUM NO. 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., May 3, 2018** 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 no. 1** is being issued for Bid no. 18-16021 for Endress Hauser Ultrasonic Flow Meter.

Change paragraph 14 on page 14 that's titled **Delivery Terms:** to read "Equipment must be delivered no more than 15 days after receipt of purchase order."

IT IS NECESSARY TO RETURN THIS ADDENDUM WITH THE ORIGINAL BID DOCUMENTS.

EQUIPMENT SPECIFICATIONS:

Part No. - 93TA1-BABFAA+E2P2P3

Characteristics	Value	Description
P Sensor set DN15-DN65 1/2-2 1/2"/6MHz:	B	-40...100oC/-40...212oF + installation set
P Sensor set DN50-DN300 2"-12"/2MHz:	A	not selected
P Sensor Set DN100-DN4000 4"-160"/1MHz:	B	-40...80oC/-40...176oF + installation set
Sensor Cable:	F	10m/30ft, PTFE, -40...170 oC/-40...338oF
Approval:	A	Non-hazardous area
Operation language:	A	WEA = DE+EN+FR+IT+ES+PT+NL
>>Wall thickness sensor:	E2	>DN15 1/2"
>>Accessory:	P2	Car charging adapter cable
>>Accessory:	P3	Re-chargeable battery pack 93T, 4000 mAh

Part No. - 91WA1-AA2D20ACB4AA

Characteristics	Value	Description
Flow Sensor:	A	DN100-DN2000, -20...80oC, 1MHz 4"-80", -4...176Of
Sensor Holder:	A	Fixed retaining nut
Installation Set:	2	DN200-DN600 8"-24"
Sensor Cable:	D	30m/90ft, -20...70 oC/-4...158oF
Cable entry sensor:	2	Gland + conduit adapter NPT 1/2
Additional Test, certificate:	0	w/o
Approval:	A	Non-hazardous area
Housing:	C	Field Alu, IP67/NEMA4X
Cable Entry:	B	Thread NPT 1/2"
Power Supply; Display:	4	85-250VAC; 2-line, push buttons
Adjustment; Software Feature:	A	Factory setup; basic version
Output:	A	4-20mA HART + pulse

Part No. - 93WA2-AA2D00ACBAAA**Characteristics**

	Value	Description
Flow Sensor:	A	DN100-DN4000, -20...80oC, IP67, 1.0 MHz 4"-160", -4...176oF, NEMA4X
Sensor Holder:	A	Fixed retaining nut
Installation Set:	2	DN200-DN600 8"-24"
Sensor Cable:	D	30m/90ft, -20...70 oC/-4...158oF
Cable entry sensor:	0	Gland
Additional Test, certificate:	0	w/o
Approval:	A	Non-hazardous area
Housing:	C	Remote, wall, Aluminum, IP67/NEMA4X
Cable Entry:	B	Thread NPT 1/2"
Power Supply; Display:	A	85-260VAC; WEA, 4-line + touch control WEA= language DE+EN+FR+IT+ES+PT+NL
Adjustment; Software Feature:	A	Factory Setup; Basic Version
Output, Input:	A	4-20mA HART + frequency

Part No. - 93PA1-AB2D20ACBAA2**Characteristics**

	Value	Description
Flow Sensor:	A	DN100-DN4000, -40...80oC, IP68 4"-160", -40...176oF, NEMA6P
Sensor Holder:	B	DN50-DN4000, 2-160"
Installation Set:	2	DN200-DN600 8"-24"
Sensor Cable:	D	30m/90ft, -20...70 oC/-4...158oF
Cable entry sensor:	2	Gland + conduit adapter NPT 1/2"
Additional Test, certificate:	0	w/o
Approval:	A	Non-hazardous area
Housing:	C	Wall Alu, IP67 NEMA4X
Cable Entry:	B	Thread NPT 1/2"
Power Supply; Display:	A	85-260VAC; WEA, 4-line + touch control WEA= language DE+EN+FR+IT+ES+PT+NL
Adjustment; Software Feature	A	Factory Setup; Basic Version
Output, Input:	2	4-20mA HART + 4-20mA+freq.+relay M= modules exchangeable

ESTIMATED DELIVERY

Delivery will be completed within _____ calendar days after receipt of order. (if applicable)

PRICE SCHEDULE

Listed items and quantities provided are only estimates and are in no way binding to the System. SAWS reserves the right to add or delete items and change quantities depending on SAWS needs.

Item	Model	Estimated Annual Quantity	UOM	Unit Price	Extended Price
1	Prosonic Flow 93TA1 Model No. 93TA1-BABFAA+E2P2P3 As specified above	2	EA	\$	\$
2	Prosonic Flow 91WA1 Model No. – 91WA1-AA2D20ACB4AA As specified above	15	EA	\$	\$
3	Prosonic Flow 93WA4 Model No. – 93WA2-AA2D00ACBAAA As specified above	15	EA	\$	\$
3	Prosonic Flow 93PA1 Model No. – 93PA1-AB2D20ACBAA2 As specified above	15	EA	\$	\$
TOTAL				\$	

Catalog Pricing

1. Percent of discount or markup offered _____%
Indicate if this is a discount _____ or markup _____
2. Product identification (Mfg.) _____
3. Type price schedule (dealer, jobber, etc.) _____
4. Price schedule number _____
5. Date of Price Schedule _____
6. Price schedule column on which discount or markup is based
(i.e., distributor, net, wholesale) _____