

**SAN ANTONIO WATER SYSTEM PURCHASING DEPARTMENT**

Issued By: Anthony Rubin  
BID NO.: 18-18097

Date Issued: July 20, 2018

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**FORMAL INVITATION FOR BIDS  
EARLY PROCUREMENT OF LIME STORAGE SILO AND FEED EQUIPMENT FOR THE  
CENTRAL WATER INTEGRATION PIPELINE PROJECT  
ADDENDUM 1**

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Sealed bids addressed to the Purchasing Director, San Antonio Water System, 2800 US Hwy 281 North, Administration Bldg., 5<sup>th</sup> Floor, San Antonio, TX 78212 will be received until **3:00 p.m. July 27, 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	Price Schedule
Terms and Conditions of Invitation for Bids	Security Bond
Specifications and General Requirements	Technical Specifications and Drawings

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.: \_\_\_\_\_

Payment Terms are Net 30.

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 answer the following questions and issue changes to the bid sent to you on July 6, 2018. All other terms and conditions of the original bid document remain unchanged.

### **QUESTIONS AND CLARIFICATIONS**

- Q1. 2.06-A-1-a: The HMI specified is the Panelview 5500 with touch and keypad. We normally provide the Panelview Plus 7 which allows for a larger display, and is more user friendly for the various screens we provide. Can you please advise if it will be acceptable to provide Panelview Plus 7 MHIs for our system?
- A1. Panelview Plus 7 HMI is acceptable for the Lime Silo system.
- Q2. 2.05-A-8-a: Discrete input modules specified as 24vdc. We need to use 120 VAC input modules to match our field devices and control panel design including the specified 120 VAC coil relays. It is implied in section 11292 paragraph 2.24 A. that the control wiring is to be 120 volt. We also wire direct without prewired IFMs and cables as it is not feasible given the space in our panels. Can you please advise if 120 volt PLC modules without IFMS is acceptable?
- A2. I/O modules shall be 24V. 120V is not acceptable.
- Q3. 2.05-A-9-a: Same as above.
- A3. I/O modules shall be 24V. 120V is not acceptable.
- Q4. 2.7: The specification seems to be applicable more toward a Plant PLC panel. Based on the limited side of our Panels, we would like to propose the UPS as shown in the attached catalog information.
- A4. The proposed UPS is acceptable.
- Q5. Will RDP be required to complete the "References for Approved Equal Submissions" in Attachment A, since our system is the basis of design and not an "equal"?
- A5. Yes, all manufacturers that intend to submit a bid shall complete the References for Approved Equal Submissions form.
- Q6. We did not know about the NSF requirement until we had the final bid documents on July 5th 2018. See Specification section 11292.1.03.D.15. Since then we have we looked into the NSF components we find we comply in some areas like:
1. We have stainless steel tanks and piping
  2. We can coat the inside of the silo with an approved coating.
  3. We could use a Red Valve pinch valve but we do find their field service support and accuracy is not up to RDP's standards. For example, we developed our Precision Dosing Assembly by working with Onyx to maximize the performance. We will not get the same accuracy from Red Valve. This affects lime consumption and therefore operating cost for SAWS.
  4. We have approval on our butterfly valves.
  5. We have approval on our solenoid valves.

The RDP-Tekkem Slaking System as a whole has not been certified. We have a high performance/low maintenance system that needs specific components in order to get the process performance desired by SAWS. On the other hand if we attempt to get approval on the RDP-Tekkem standard components then we will not meet the project schedule. We seem to be stuck between a rock and a hard place. We can delivery on everything we promised during the last 12 months. We cannot however do all of that and meet the NSF requirements that we learned about on July 5, 2018. We would like to request the ability to propose with our standard components that generally but not completely comply with NSF-61.

- A6. The entirety of the lime silo and slaking system does not need to be NSF 61 certified; however, all the components/materials coming into contact with potable water, chemicals fed to potable water, and the lime solution/slurry must conform to ANSI/NSF 61 standards.

## **REVISIONS TO CONTRACT DOCUMENTS AND TECHNICAL SPECIFICATIONS**

### Table of Contents

Add: "Appendix B – Drawings"

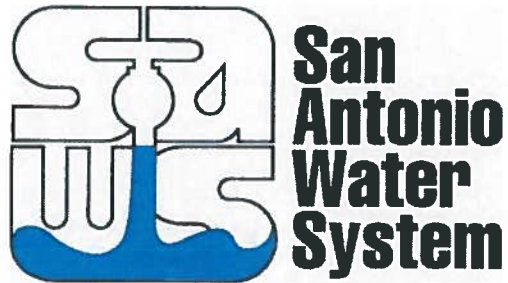
### Section 11292

1.07 B.2. Add Program Manager to Owner and Engineer.

2.04 D. The loads stated are the maximum loads to the individual clips.

2.10 B. Revise the temperature range from "180 and 200 degrees F" to "170 and 195 degrees F."

2.17 A. The reference to "Standard Building Code" should be changed to "2015 International Building Code."



Early Procurement of Lime Storage Silo and Feed  
Equipment for the  
Central Water Integration Pipeline Project

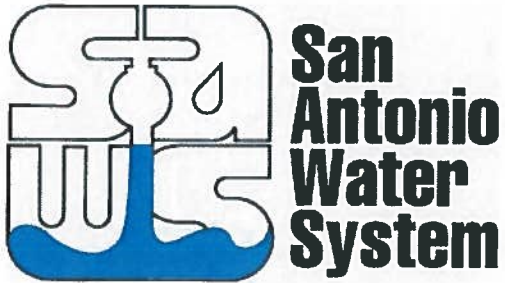
SAWS Job No. 18-8616  
Bid No. 18- 18097

ADDENDUM 1  
JULY 2018

**DIVISIONS 1, 11**



Tetra Tech, Inc.  
Texas Registered Engineering Firm No. 3924  
700 North Saint Mary's Street, Suite 300  
San Antonio, Texas 78205



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**DIVISION 17**



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