



MISSION PUMP STATION ADDITIONAL WELL
Solicitation Number: CO-00248
Job No.: 18-6004

ADDENDUM 5
April 24, 2019

To Bidder of Record:

This addendum, applicable to work referenced above, is an amendment to the bid proposal, plans and specifications and as such will be a part of and included in the Contract Documents. Acknowledge receipt of this addendum by entering the Addendum number and issue date on the space provided in submitted copies of the bid proposal.

CHANGES TO THE SPECIFICATIONS

- **Invitation to Bidders.** The Invitation to Bidders is hereby replaced with the attached revised Invitation to Bidders.
The date and time for the receiving of sealed bids was modified to: **May 1, 2019 by 1:00 PM (CT)**.
- **Bid Proposal.** The Bid Proposal is hereby replaced with the attached revised Bid Proposal.
 - Line Item 10 bid quantity has been revised to 1,150 LF

END OF ADDENDUM

This Addendum, including this one (1) pages, is eight (8) pages with attachments in its entirety.

Attachments:
Invitation to Bidders
Bid Proposal



4/24/2019

Ernest T. Maestas, P.E.
Maestas & Associates, LLC

INVITATION TO BIDDERS

Solicitation No. CO-00248

Sealed bids are requested by the San Antonio Water System for the construction of one public water supply well, approximately 242 LF of 16" HDPE and 20" steel water main, and electrical instrumentation and communications for the **Mission Pump Station Additional Well Project**, SAWS Job No. 18-6004.

To view additional project information, as well as obtain the plans and specifications for this project, visit our website located at www.saws.org and click on the Business Center. Then select Bidder, Consultant, and Vendor Registration, which is located on the left-hand side of the screen. Select the Register Now button and proceed with registration.

For difficulties downloading plans and specifications, contact the Contracting Department at 210-233-3341.

A **non-mandatory** pre-bid meeting and site visit will be held at **11:00 AM (CT) on April 9, 2019** at the San Antonio Water System's Mission Pump Station, 615 Theo Parkway, San Antonio, Texas 78210. Following the meeting, a site visit will be conducted for the work site. Please have all necessary Personal Protective Equipment required for observation of the site.

For questions regarding this solicitation, technical questions or additional information, please contact **Janie M. Powell, Contract Administrator**, in writing via email to: Janie.Powell@saws.org or by fax to **(210) 233-5351** until **4:00 PM (CT) on April 11, 2019**. Answers to the questions will be posted to the web site by **5:00 PM (CT) on April 22, 2019** as a separate document or included as part of an addendum. Please be advised that Bidders are prohibited from communicating with any other SAWS staff, the Consultant, the Developer, or City of San Antonio officials regarding this IFB up until the contract is awarded as outlined in the Instructions to Bidders.

Sealed bids will be received by Counter Services in the Customer Service office across from the Guard Station, 2800 U.S. Hwy 281 North, Customer Center Building, San Antonio, Texas 78212, **until 1:00 PM (CT), May 1, 2019**. Bids will then be publicly opened and read aloud by Contract Administration in **CR-C137**, Customer Center Building, 2800 U.S. Hwy 281 North, San Antonio, Texas. Each bid must be accompanied by a cashier's check, certified check, or bid bond in an amount not less than five percent of the total bid price.

BID PROPOSAL

PROPOSAL OF _____, a corporation

a partnership consisting of

an individual doing business as

THE SAN ANTONIO WATER SYSTEM:

Pursuant to Instructions and Invitation to Bidders, the undersigned proposes to furnish all labor and materials as specified and perform the work required for the project as specified, in accordance with the Plans and Specifications for the following prices to wit:

Item No.	Description	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
1.	Well Piping, fittings and appurtenance	LS	1	\$ _____	\$ _____
2.	Furnish, install and remove sound wall including all labor, materials, equipment, and superintendence required as identified in the Contract Documents, complete in place.	LF	700	\$ _____	\$ _____
3.	Install minimum of 40 feet of 42-inch diameter conductor casing including all labor, materials, equipment, and superintendence required as identified in the Contract Documents, complete in place	LS	1	\$ _____	\$ _____
4.	Drill pilot borehole to the top of the Edwards aquifer including all labor, materials, equipment, and superintendence required as identified in the Contract Documents, complete in place	LF	1,310	\$ _____	\$ _____
5.	Perform geophysical logging of the pilot borehole to the top of the Edwards aquifer including all labor, materials, equipment and superintendence required as identified in the Contract Documents, complete in place	LS	1	\$ _____	\$ _____

Item No.	Description	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
6.	Ream pilot borehole to minimum 36 inches in diameter for 30-inch diameter surface casing including all labor, materials, equipment and superintendence required as identified in the Contract Documents, complete in place	LF	160	\$ _____	\$ _____
7.	Ream pilot borehole to minimum 32 inches in diameter for 26-inch diameter surface casing including all labor, materials, equipment and superintendence required as identified in the Contract Documents, complete in place	LF	1,150	\$ _____	\$ _____
8.	Perform a caliper survey and continuous alignment survey of the 36-inch and 32-inch diameter reamed borehole prior to installing 30-inch and 26-inch diameter surface casing including all labor, materials, equipment, and superintendence required as identified in the Contract Documents, complete in place	LS	1	\$ _____	\$ _____
9.	Furnish, install and cement 30-inch diameter, 0.50-inch wall, surface casing including all labor, materials, equipment, waste disposal and superintendence required as identified in the Contract Documents, complete in place	LF	200	\$ _____	\$ _____
10.	Furnish, install and cement 26-inch diameter, 0.50-inch wall, surface casing including all labor, materials, equipment, waste disposal and superintendence required as identified in the Contract Documents, complete in place	LF	1,150	\$ _____	\$ _____
11.	Drill pilot borehole through the Edwards aquifer including all labor, materials, equipment, and superintendence required as identified in the Contract Documents, complete in place	LF	300	\$ _____	\$ _____

Item No.	Description	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
12.	Perform geophysical logging of the pilot borehole in the Edwards aquifer including all labor, materials, equipment and superintendence required as identified in the Contract Documents, complete in place	LS	1	\$ _____	\$ _____
13.	Abandonment of pilot hole, complete	LF	1,650	\$ _____	\$ _____
14.	Ream pilot borehole to minimum 22 inches in diameter for open hole in the Edwards aquifer including labor, materials, equipment, and superintendence required as identified in the Contract Documents, complete in place	LF	300	\$ _____	\$ _____
15.	Perform a caliper survey of the reamed borehole in the Edwards aquifer including all labor, materials, equipment, and superintendence required as identified in the Contract Documents, complete in place	LS	1	\$ _____	\$ _____
16.	Furnish, install and remove water flow and control equipment/system for well development and pre-testing including all labor, materials, equipment and superintendence required as identified in these Contract Documents, complete in place	LS	1	\$ _____	\$ _____
17.	Perform development well flowing and perform the pre-test including all labor, materials, equipment and superintendence required as identified in these Contract Documents, complete in place	HR.	42	\$ _____	\$ _____
18.	Perform acidization of the production zone in the Edwards aquifer including all labor, materials, equipment, flush water and superintendence required as identified in the Contract Documents, complete in place	GAL	30,000	\$ _____	\$ _____

Item No.	Description	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
19.	Remove and dispose of acid residuals including all labor, materials, equipment, and superintendence required as identified in these Contract Documents, complete in place	GAL	60,000	\$ _____	\$ _____
20.	Furnish, install and remove water flow and control system for well development and pumping tests including all labor, materials, equipment and superintendence required as identified in these Contract Documents, complete in place	LS	1	\$ _____	\$ _____
21.	Furnish, install and remove temporary piping to convey development and pumping test waters to disposal inlet including all labor, materials, equipment and superintendence required as identified in these Contract Documents, complete in place	LS	1	\$ _____	\$ _____
22.	Perform development well flowing including all labor, materials, equipment and superintendence required as identified in these Contract Documents, complete in place	HR.	48	\$ _____	\$ _____
23.	Perform constant-discharge pumping test including all labor, materials, equipment and superintendence required as identified in these Contract Documents, complete in place	HR.	54	\$ _____	\$ _____
24.	Perform water quality sampling and analyses including all labor, materials, equipment and superintendence required as identified in these Contract Documents, complete in place	LS	1	\$ _____	\$ _____
25.	Perform well disinfection and samplings for coliform including all labor, materials, equipment and superintendence required as identified in these Contract Documents, complete in place	LS	1	\$ _____	\$ _____

Item No.	Description	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
26.	Perform final well color video log including all labor, materials, equipment and superintendence required as identified in these Contract Documents, complete in place	LS	1	\$ _____	\$ _____
27.	Additional hours of development well flowing or constant-discharge flow test including all labor, materials, equipment and superintendence required as identified in these Contract Documents, complete in place	HR.	30	\$ _____	\$ _____
28.	Standby time at the direction of SAWS	HR.	90	\$ _____	\$ _____
29.	Perform site restoration including all labor, materials, equipment and superintendence required as identified in these Contract Documents, complete in place	LS	1	\$ _____	\$ _____
30.	Furnish and install permanent pump, motor, and column piping to a depth of 60 ft, complete with appurtenances and field testing	LS	1	\$ _____	\$ _____
31.	Coordination with utility companies to verify the owner of existing overhead lines and raise existing overhead utility line to accommodate construction.	LS	1	\$ _____	\$ _____
32.	Site Security with SECURITAS Security Service for duration that permanent fence is unsecured.	LS	1	\$ _____	\$ _____

SUBTOTAL FOR LINES (1-32) \$ _____

33 MOBILIZATION AND [DEMobilIZATION (If required)]
(Maximum of 10% of the subtotal of Line Items (1 - 32)) LUMP SUM 1 \$ _____

34 PREPARING R.O.W. (If required)
(Maximum of 5% of the subtotal of Line Items (1 - 32)) LUMP SUM 1 \$ _____

Mobilization and Prep of ROW shall be limited to the maximum percentage shown. **If the percentage exceeds the allowable maximum stated for mobilization and or preparation of ROW, SAWS reserves the right to cap the amount at the percentages shown and adjust the extensions of the bid items accordingly.**

TOTAL BID PRICE

Total bid price to include Mobilization and Preparation of ROW
Line Items (1-34)

\$ _____

BIDDER'S SIGNATURE & TITLE

FIRM'S NAME (TYPE OR PRINT)

FIRM'S ADDRESS

FIRM'S PHONE NO. /FAX NO.

FIRM'S EMAIL ADDRESS

The Contractor herein acknowledges receipt of the following:
Addendum Nos. _____

OWNER RESERVES THE RIGHT TO ACCEPT THE OVERALL MOST RESPONSIBLE BID.

The bidder offers to construct the Project in accordance with the Contract Documents for the contract price, and to complete the Project within **270** calendar days after the start date, or until funds are exhausted, whichever comes first, as set forth in the Authorization to Proceed. **The bidder understands and accepts the provisions of the contract Documents relating to liquidated damages of the project if not completed on time.**

Complete the additional requirements of the Bid Proposal which are included on the following pages.