

**SAN ANTONIO WATER SYSTEM  
SAWS Water Well Mitigation Program  
SAWS Job No. 14-0118  
Solicitation No. B-14-048-RA**

**ADDENDUM NO. 1**

**August 26, 2014**

This addendum, applicable to project noted above, is an amendment to the bidding and specification documents and as such shall be a part of and included in the Contract. Acknowledge receipt of this addendum by entering the addendum number and issue date in the spaces provided on all submitted copies of the proposal.

**1.0 Addendum Purpose**

The purpose of this addendum is to issue revisions and clarifications for requirements to connect an existing residence to a standard 5/8" residential meter as a form of mitigation.

**2.0 Pre-Bid Meeting**

A mandatory Pre-Bid Conference was held at 10:00a.m. on August 20, 2014 in conference room C-137. A list of attendees has been posted on the SAWS website and is included in this Addendum.

**3.0 Clarifications**

- A. In the event that SAWS Staff elects to provide mitigation to a private well owner by connecting their property to a SAWS water service line, SAWS will set a 5/8" residential meter at the property, and the Contractor shall provide a licensed and bonded plumber to connect the residence to the meter.
- B. The connection will be made in a manner that complies with all state and local requirements and codes. The plumber shall specifically conform to all requirements established by the **SAWS Cross-Connection Control and Backflow Prevention Program** ([http://www.saws.org/business\\_center/developer/backflow](http://www.saws.org/business_center/developer/backflow)).
- C. Typical components required to connect to the meter may include but are not limited to an appropriate backflow prevention device (when required), a pressure reducing valve, and a thermal expansion tank.

**4.0 Questions**

No written questions were submitted by attendees of the mandatory Pre-Bid Conference.

**5.0 Bid Proposal**

The Bidder is hereby made aware of the following changes to the Bid Proposal (revised Bid Proposal attached):

**By this addendum, following language shall be included in "Section 004 – Water Well Mitigation":**

I. Water Meter Connection

- 11. Install an appropriately-sized thermal expansion tank if not already present.
- 12. All connection work shall be completed by a licensed and bonded plumber in good standing with SAWS, the City of San Antonio, and the Texas Department of Licensing and Regulation.

**The following line items have been added:**

**Part 8: Well Connection Components**

8.01	Furnish & Install ¾" Reduced Pressure Principle Backflow Preventer _____ Dollars and _____ Cents _____	EA	1	_____
8.02	Furnish & Install 1" Reduced Pressure Principle Backflow Preventer _____ Dollars and _____ Cents _____	EA	1	_____
8.03	Furnish & Install ¾" Pressure Reducing Valve _____ Dollars and _____ Cents _____	EA	1	_____
8.04	Furnish & Install 1" Pressure Reducing Valve _____ Dollars and _____ Cents _____	EA	1	_____
8.05	Furnish & Install 2 gallon Thermal Expansion Tank _____ Dollars and _____ Cents _____	EA	1	_____
8.06	Furnish & Install 5 gallon Thermal Expansion Tank _____ Dollars and _____ Cents _____	EA	1	_____

**The following items have been added to “Section 002 – Measurement and Payment”:**

H. Part 8: Water Meter Connection Components

1. Item No. 8.01 – Furnish and Install ¾” Reduced Pressure Principle Backflow Preventer:
  - a. Description - This item includes all work associated with furnishing and installing a ¾” Reduced Pressure Principle Backflow Preventer. The work includes, but is not limited to, all materials, tools, labor, equipment, supplies, permits, removal and disposal of waste or excess materials, etc. necessary to have the R.P. Principle Backflow Preventer installed, tested and accepted, and ready for use as its intended purpose.
  - b. Measurement - Measurement of this item will be based on the number of R.P. Principle Backflow Preventers installed, tested and accepted, in accordance with the Contract Documents.
  - c. Payment - Payment for installing the R.P. Principle Backflow Preventer shall be at the unit price per unit indicated in the Bid Proposal, which price shall constitute full compensation for the completed Work. Payment for this item will not be made until the device has been tested and accepted by SAWS in accordance with the contract documents.
  
2. Item No. 8.02 – Furnish and Install 1” Reduced Pressure Principle Backflow Preventer:
  - a. Description - This item includes all work associated with furnishing and installing a 1” Reduced Pressure Principle Backflow Preventer. The work includes, but is not limited to, all materials, tools, labor, equipment, supplies, permits, removal and disposal of waste or excess materials, etc. necessary to have the R.P. Principle Backflow Preventer installed, tested and accepted, and ready for use as its intended purpose.
  - b. Measurement - Measurement of this item will be based on the number of R.P. Principle Backflow Preventers installed, tested and accepted, in accordance with the Contract Documents.
  - c. Payment - Payment for installing the R.P. Principle Backflow Preventer shall be at the unit price per unit indicated in the Bid Proposal, which price shall constitute full compensation for the completed Work. Payment for this item will not be made until the device has been tested and accepted by SAWS in accordance with the contract documents.

3. Item No. 8.03 – Furnish and Install ¾" Pressure Reducing Valve:
  - a. Description - This item includes all work associated with furnishing and installing a ¾" Pressure Reducing Valve. The work includes, but is not limited to, all materials, tools, labor, equipment, supplies, permits, removal and disposal of waste or excess materials, etc. necessary to have the Pressure Reducing Valve installed, tested and accepted, and ready for use as its intended purpose.
  - b. Measurement - Measurement of this item will be based on the number of Pressure Reducing Valves installed, tested and accepted, in accordance with the Contract Documents.
  - c. Payment - Payment for installing the Pressure Reducing Valves shall be at the unit price per unit indicated in the Bid Proposal, which price shall constitute full compensation for the completed Work. Payment for this item will not be made until the device has been tested and accepted by SAWS in accordance with the contract documents.
  
4. Item No. 8.04 – Furnish and Install 1" Pressure Reducing Valve:
  - a. Description - This item includes all work associated with furnishing and installing a 1" Pressure Reducing Valve. The work includes, but is not limited to, all materials, tools, labor, equipment, supplies, permits, removal and disposal of waste or excess materials, etc. necessary to have the Pressure Reducing Valve installed, tested and accepted, and ready for use as its intended purpose.
  - b. Measurement - Measurement of this item will be based on the number of Pressure Reducing Valves installed, tested and accepted, in accordance with the Contract Documents.
  - c. Payment - Payment for installing the Pressure Reducing Valves shall be at the unit price per unit indicated in the Bid Proposal, which price shall constitute full compensation for the completed Work. Payment for this item will not be made until the device has been tested and accepted by SAWS in accordance with the contract documents.
  
5. Item No. 8.05 – Furnish and Install 2 gallon Thermal Expansion Tank:
  - a. Description - This item includes all work associated with furnishing and installing a 2 gallon Thermal Expansion Tank. The work includes, but is not limited to, all materials, tools, labor, equipment, supplies, permits, removal and disposal of waste or excess materials, etc. necessary to have the Thermal Expansion Tank installed, tested and accepted, and ready for use as its intended purpose.

- b. Measurement - Measurement of this item will be based on the number of Thermal Expansion Tanks installed, tested and accepted, in accordance with the Contract Documents.
  - c. Payment - Payment for installing the Thermal Expansion Tanks shall be at the unit price per unit indicated in the Bid Proposal, which price shall constitute full compensation for the completed Work. Payment for this item will not be made until the device has been tested and accepted by SAWS in accordance with the contract documents.
6. Item No. 8.06 – Furnish and Install 5 gallon Thermal Expansion Tank:
- a. Description - This item includes all work associated with furnishing and installing a 5 gallon Thermal Expansion Tank. The work includes, but is not limited to, all materials, tools, labor, equipment, supplies, permits, removal and disposal of waste or excess materials, etc. necessary to have the Thermal Expansion Tank installed, tested and accepted, and ready for use as its intended purpose.
  - b. Measurement - Measurement of this item will be based on the number of Thermal Expansion Tanks installed, tested and accepted, in accordance with the Contract Documents.
  - c. Payment - Payment for installing the Thermal Expansion Tanks shall be at the unit price per unit indicated in the Bid Proposal, which price shall constitute full compensation for the completed Work. Payment for this item will not be made until the device has been tested and accepted by SAWS in accordance with the contract documents.

Addendum No. 1  
SAWS Water Well Mitigation Program  
Saws Job No.14-0118  
Solicitation No. B-14-048-RA

**ACKNOWLEDGEMENT BY BIDDER**

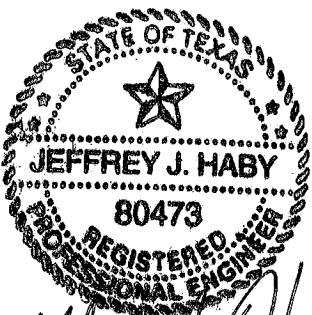
Each bidder is requested to acknowledge receipt of this Addendum No. 1 and the associated attachments by his/her signature affixed hereto and to file same and attach with his/her bid.

The undersigned acknowledges receipt of this Addendum No. 1 along with the bid submitted herewith is in accordance with the information and stipulations set forth.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature

END OF ADDENDUM NO. 1



*Jeffrey J. Haby*  
8-26-2014

PROPOSAL OF \_\_\_\_\_,  
 a corporation organized and existing under the laws of the State of \_\_\_\_\_,  
 a partnership consisting of \_\_\_\_\_,  
 an individual doing business as \_\_\_\_\_.

Enclosed with this bid are (1) Bid Bond, and (2) Statement of Bidder's Experience, (3) Good Faith Effort Plan and (4) Conflict of Interest Questionnaire in accordance with the Instructions to Bidders. It is understood that all proposals submitted without these items and proper acknowledgement of all addenda herein may be rejected.

The duration of this Water Well Mitigation Contract is 113 calendar days or until funds are exhausted, whichever comes first, from issuance of the Authorization to Proceed. Schedules and duration for individual work orders shall be established on a case by case basis. A work order can be issued for any amount of sewer or water work.

Quantities shown are approximate and the bid items listed represent items required over the duration of the contract. All items and quantities within the bid proposal are estimated and are not guaranteed by SAWS to be used under this contract. Work order quantities will be provided when each individual work order is issued.

**THE SAN ANTONIO WATER SYSTEM:**

Pursuant to Instructions and Invitations to Bidders, the undersigned proposes to furnish all labor and materials as specified and perform the work required for the construction and appurtenances, of the San Antonio Water System Water Job Number 14-0118 in accordance with the Plans and Specifications requirements of all future work orders using the following unit prices to wit:

**BASE BID:**

Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
<b>Part 1: Diagnostic Evaluation</b>					
1.01	Pump Removal _____ Dollars and _____ Cents	EA	8	_____	_____
1.02	Pump Installation _____ Dollars and _____ Cents	EA	4	_____	_____
1.03	Downhole Video Survey _____ Dollars and _____ Cents	EA	1	_____	_____
1.04	Geophysical Logging _____ Dollars and _____ Cents	EA	1	_____	_____
<b>Part 2: Submersible Pump System Components</b>					
2.01	Furnish & Install #12 Submersible Cable _____ Dollars and _____ Cents	LF	600	_____	_____
2.02	Furnish & Install #10 Submersible Cable _____ Dollars and _____ Cents	LF	600	_____	_____

Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
2.03	Furnish & Install #8 Submersible Cable _____ Dollars and _____ Cents	LF	600	_____	_____
2.04	Furnish & Install #6 Submersible Cable _____ Dollars and _____ Cents	LF	100	_____	_____
2.05	Furnish & Install #4 Submersible Cable _____ Dollars and _____ Cents	LF	100	_____	_____
2.06	Furnish & Install #2 Submersible Cable _____ Dollars and _____ Cents	LF	100	_____	_____
2.07	Furnish & Install Column Pipe (Up to 1" Diameter) _____ Dollars and _____ Cents	LF	200	_____	_____
2.08	Furnish & Install Column Pipe (Greater than 1" & Up to 1.5" Diameter) _____ Dollars and _____ Cents	LF	800	_____	_____
2.09	Furnish & Install Column Pipe (Greater than 1.5" & Up to 2.0" Diameter) _____ Dollars and _____ Cents	LF	200	_____	_____
2.10	Furnish & Install 1" Check Valve _____ Dollars and _____ Cents	EA	1	_____	_____
2.11	Furnish & Install 1 ¼" Check Valve _____ Dollars and _____ Cents	EA	2	_____	_____
2.12	Furnish & Install 1 ½" Check Valve _____ Dollars and _____ Cents	EA	1	_____	_____
2.13	Furnish & Install 2" Check Valve _____ Dollars and _____ Cents	EA	1	_____	_____
2.14	Furnish & Install Submersible Pump & Motor (Up to 0.5 Horsepower) _____ Dollars and _____ Cents	EA	1	_____	_____
2.15	Furnish & Install Submersible Pump & Motor (Greater than 0.5 HP & Up to 1.0 HP) _____ Dollars and _____ Cents	EA	1	_____	_____
2.16	Furnish & Install Submersible Pump & Motor (Greater than 1.0 HP & Up to 1.5 HP) _____ Dollars and _____ Cents	EA	1	_____	_____
2.17	Furnish & Install Submersible Pump & Motor (Greater than 1.5 HP & Up to 2.0 HP) _____ Dollars and _____ Cents	EA	1	_____	_____



Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
2.18	Furnish & Install Submersible Pump & Motor (Greater than 2.0 HP & Up to 3.0 HP) _____ Dollars and _____ Cents	EA	1	_____	_____
2.19	Furnish & Install Submersible Pump & Motor (Greater than 3.0 HP & Up to 5.0 HP) _____ Dollars and _____ Cents	EA	1	_____	_____
2.20	Furnish & Install Control Box (Up to 0.5 Horsepower) _____ Dollars and _____ Cents	EA	1	_____	_____
2.21	Furnish & Install Control Box (Greater than 0.5 HP & Up to 1.0 HP) _____ Dollars and _____ Cents	EA	1	_____	_____
2.22	Furnish & Install Control Box (Greater than 1.0 HP & Up to 1.5 HP) _____ Dollars and _____ Cents	EA	1	_____	_____
2.23	Furnish & Install Control Box (Greater than 1.5 HP & Up to 2.0 HP) _____ Dollars and _____ Cents	EA	1	_____	_____
2.24	Furnish & Install Control Box (Greater than 2.0 HP & Up to 3.0 HP) _____ Dollars and _____ Cents	EA	1	_____	_____
2.25	Furnish & Install Control Box (Greater than 3.0 HP & Up to 5.0 HP) _____ Dollars and _____ Cents	EA	1	_____	_____
2.26	Furnish & Install Well Seal (Up to 5") _____ Dollars and _____ Cents	EA	1	_____	_____
2.27	Furnish & Install Well Seal (Greater than 5" & Up to 6") _____ Dollars and _____ Cents	EA	1	_____	_____
2.28	Furnish & Install Pressure Tank _____ Dollars and _____ Cents	EA	1	_____	_____
2.29	Furnish & Install New Water Storage Tank _____ Dollars and _____ Cents	EA	1	_____	_____
2.30	Furnish & Install Booster Pump (Up to 0.5 HP) _____ Dollars and _____ Cents	EA	1	_____	_____
2.31	Furnish & Install Booster Pump (Greater than 0.5 HP & Up to 1.0 HP) _____ Dollars and _____ Cents	EA	1	_____	_____
2.32	Furnish & Install Booster Pump (Greater than 1.0 HP & Up to 1.5 HP) _____ Dollars and _____ Cents	EA	1	_____	_____

Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
2.33	Furnish & Install Electrical Wire (#10) _____ Dollars and _____ Cents	LF	200	_____	_____
2.34	Furnish & Install Electrical Wire (#8) _____ Dollars and _____ Cents	LF	50	_____	_____
2.35	Furnish & Install Electrical Wire (#6) _____ Dollars and _____ Cents	LF	50	_____	_____
2.36	Furnish & Install Electrical Wire (#4) _____ Dollars and _____ Cents	LF	50	_____	_____
2.37	Furnish & Install PVC Electrical Conduit & Miscellaneous Fittings _____ Dollars and _____ Cents	LF	40	_____	_____
2.38	Furnish & Install Electrical Junction Box _____ Dollars and _____ Cents	EA	1	_____	_____
<b>Part 3: Exploratory Drilling</b>					
3.01	Drill Pilot Hole – Mud Rotary _____ Dollars and _____ Cents	LF	500	_____	_____
3.02	Borehole Geophysical Logging _____ Dollars and _____ Cents	EA	1	_____	_____
3.03	Back Plug Pilot Hole _____ Dollars and _____ Cents	LF	50	_____	_____
<b>Part 4: Well Replacement</b>					
4.01	Furnish & Install 6 Inch Casing _____ Dollars and _____ Cents	LF	460	_____	_____
4.02	Furnish & Install 6 Inch Well Screen _____ Dollars and _____ Cents	LF	40	_____	_____
4.03	Furnish & Install Gravel Pack _____ Dollars and _____ Cents	LF	60	_____	_____
4.04	Furnish & Emplace Cement Grout _____ Dollars and _____ Cents	LF	440	_____	_____

Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
<b>Part 5: Well Development and Testing</b>					
5.01	Well Development _____ Dollars and _____ Cents	EA	1	_____	_____
5.02	Constant-Discharge Test Pumping _____ Dollars and _____ Cents	HR	2	_____	_____
5.03	Well Disinfection & Sampling _____ Dollars and _____ Cents	EA	1	_____	_____
<b>Part 6: Well Plugging</b>					
6.01	Furnish & Emplace #8/16 Gravel _____ Dollars and _____ Cents	LF	120	_____	_____
6.02	Furnish & Emplace Cement _____ Dollars and _____ Cents	SK	300	_____	_____
<b>Part 7: Miscellaneous Services</b>					
7.01	Clean & Disinfect Water Storage Tank _____ Dollars and _____ Cents	EA	2	_____	_____
7.02	Construct Concrete Well Pad _____ Dollars and _____ Cents	SF	75	_____	_____
7.03	Provide Crew to Jet Debris from Bottom of Well _____ Dollars and _____ Cents	HR	2	_____	_____
7.04	Provide Specialized Electrical Work _____ Dollars and _____ Cents	HR	4	_____	_____
7.05	Provide Specialized Plumbing Work _____ Dollars and _____ Cents	HR	4	_____	_____
7.06	Provide Pulling Unit & Crew _____ Dollars and _____ Cents	HR	4	_____	_____
7.07	Drilling Rig & Crew _____ Dollars and _____ Cents	HR	4	_____	_____

Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
8.01	Furnish & Install 3/4" Reduced Pressure Principle Backflow Preventer _____ Dollars and _____ Cents	EA	1	_____	_____
8.02	Furnish & Install 1" Reduced Pressure Principle Backflow Preventer _____ Dollars and _____ Cents	EA	1	_____	_____
8.03	Furnish & Install 3/4" Pressure Reducing Valve _____ Dollars and _____ Cents	EA	1	_____	_____
8.04	Furnish & Install 1" Pressure Reducing Valve _____ Dollars and _____ Cents	EA	1	_____	_____
8.05	Furnish & Install 2 gallon Thermal Expansion Tank _____ Dollars and _____ Cents	EA	1	_____	_____
8.06	Furnish & Install 5 gallon Thermal Expansion Tank _____ Dollars and _____ Cents	EA	1	_____	_____

Bid Summary

LINE ITEM "A"

SUBTOTAL BASE BID \$ \_\_\_\_\_

TOTAL BID AMOUNT (Line Item "A") \$ \_\_\_\_\_

\_\_\_\_\_ DOLLARS AND  
 \_\_\_\_\_ CENTS

\_\_\_\_\_  
 BIDDER'S SIGNATURE & TITLE  
 \_\_\_\_\_  
 FIRM'S NAME (TYPE OR PRINT)  
 \_\_\_\_\_  
 FIRM'S ADDRESS  
 \_\_\_\_\_  
 FIRM'S PHONE NO. /FAX NO.  
 \_\_\_\_\_  
 FIRM'S EMAIL ADDRESS

Job No. 14-0118  
Water Well Mitigation Program  
Solicitation No. B-14-048-RA

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 by December 31, 2014, 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.

SAWS Water Well Mitigation Program (Solicitation No. B-14-048-RA)  
 Mandatory Pre-Bid Meeting - August 20, 2014 - 10:00 a.m. - CR-137

Name	Company Name	Phone No.	E-mail Address
Steve Bell	ALSAy	210 628 1090	Steve.bell@alsaywater.com
Kirk Nixon	SAWS	210-233-3523	knixon@saws.org
Tony DeGuffie	SAWS	233-3546	Tony.DeGuffie@saws.org
John Wilkins	TJ+TB Drilling	(830) 431-0918	wilkinsjd@hotmail.com
Ray V. GARCIA	AGUA DULCE	210-621-8960	raygarcia141@gmail.com
Kyle Courtney	CTC	210 373 8887	kylecc@vtrc.com

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