

SAN ANTONIO WATER SYSTEM

**Addendum No. 1
To
Plans and Specifications
For
SAWS Large Capacity Well Mitigation Program
SAWS Job No. 10-8603-206
Solicitation No. 10-006-CM**

To Bidder of Record:

This addendum, applicable to the work designed above, is an amendment to the bidding documents and as such shall be a part of and included in the Contract. The original contract documents and any prior addenda remain in full force except as modified by the following which shall take precedence over any contrary provisions in prior documents.

INVITATION TO BID:

Bids will not be accepted from any company not represented at the mandatory pre-bid meeting held on January 25, 2010, at 10:00 a.m. The following list is a record of the represented firms:

Company	Address	Phone	Fax	Contact
Alsay, Inc.	3359 S.E. Loop 410 San Antonio, TX 78222	210-628-1090	210-628-1505	Steve Bell Brian Hillard
C&C Groundwater Services, LLC.	29143 Old Fredericksburg Rd. Boerne, TX 7015	210-373-6889	830-755-8965	Butch Perkins
Peerless Equipment, Ltd.	5400 HWY 90 West San Antonio, TX 78227	210-422-5965	210-434-7226	Ray V. Garcia
Stewart Brothers Drilling Enterprises, Inc.	6923 Indiana Ave. #PMB 117 Lubbock, TX 79413	505-287-2986	903-593-2386	Randy Stewart
Thomas Moy and Sons Water Well Drilling, Inc.	12323 State HWY 123 N Falls City, TX 78113	830-745-2135		Thomas Moy Jr.

(Pre-Bid meeting sign-in sheet attached at the end of Addendum No.1)

QUESTION AND RESPONSE

	Bidder Question	SAWS Response
1.	Section 005B, 3.2A calls for 40 feet of surface casing. Section 2.2 calls for 30 feet of casing. Which one?	The Contractor shall install a minimum of 40 feet of surface casing during new well construction.
2.	Section 005B 3.15,1 calls for 65% efficiency. Is this correct?	Yes- 65% is the minimum well efficiency required for newly constructed wells to meet contract requirements.
3.	Section 005B, 2.9B, 1 calls for 8% gel on the cement. Six percent was discussed at the pre-bid.	The section will be revised to allow a maximum of 6% sodium bentonite by weight as a grout additive.
4.	Bid Proposal Items 2.12 through 2.15 calls for a price per stage. When putting a pump bowl assembly together you always have to start with a single stage pump which includes a suction and discharge case and then you add the additional stages to that assembly. We need an additional bid item for each size that includes the first stage assembly.	Line Items 2.12a through 2.15a have been added to the Bid Proposal. These new line items cover the furnishing and installation of an initial pump bowl assembly to include suction and discharge casing components. The existing Line Items 2.12 through 2.15 cover the furnishing and installation of additional bowl assemblies only. Section 002 of the Technical Specifications has been revised to reflect the addition of these new line items.
5.	Bid line 2.12 through 2.15 - are these bowl assemblies only?	See SAWS Response to Bidder Question No. 4
6.	Bid proposal Items 2.22 through 2.27 calls for submersible pump and motors. There are several different pumps for each motor size. Which pumps do you want? We need conditions if possible.	Pumping conditions will vary based on well location. Static water level and well conditions cannot be determined until diagnostics have occurred. For Line Items 2.22 through 2.27, Bidders' shall supply the highest capacity pump end compatible with each respective motor size.
7.	Bid Proposal Item 2.42 calls for furnishing PVC electrical conduit and fittings. What size?	PVC conduit shall be rigid 2 inch Schedule 40 PVC; UL listed. Fittings shall be UL listed, non-metallic, and compatible with PVC conduit.
8.	Bid Proposal Item 2.43 calls for electrical junction box. What size? What material?	Electrical junction boxes shall be UL listed, 12 inch X 12 inch X 6 inch PVC; suitable for indoor/outdoor use and direct burial. Junction boxes shall be configured for surface mounting and include a sealing gasket and stainless steel screws.
9.	Bid Proposal Item 2.44 calls for a lump sum on "Specialized Electrical Work". This should be by the hour shouldn't it?	Line Item 2.44 has been changed from lump sum to hourly rate. The change will be made on the Revised Bid Proposal as well as Section 002 of the Technical Specifications.

	Bidder Question	SAWS Response
10.	There is a line item on the bid schedule for drilling of the pilot hole. However, is there a corresponding line item for reaming of the pilot hole for each respective well/casing size?	Please refer to Section 002 – Measurement and Payment of the Technical Specifications. Line Item numbers 3.04 and 3.09 include the work required to ream the borehole to the required diameter and furnish and install the specified casing size.
11.	There is not an individual line item for each of the sizes of the stainless steel sumps. How will these be invoiced? Would it be possible to add a separate line item for these casings, either lump sum or linear foot for 20 foot stainless steel sumps for each of the casing sizes?	Stainless steel sumps are not required for the construction of new wells under this contract. Sump materials shall expressly be of the same specifications as outlined in Section 005B, 2.4 – Well Casing.
12.	Are power lines directly overhead any of these locations?	Unknown. Interfering overhead power lines have not been a problem in previous locations where mitigation work has been performed. Considerable effort is made to locate new well sites away from any type of obstruction, but the possibility of interfering overhead power lines may exist. Please refer to Section 001 – General Requirements, Part 3 for clarification of Bidder's responsibilities towards existing utilities.
13.	Is the contractor required to obtain any water quality tests on the new well construction?	Please refer to Section 005B, 3.17 – Well Disinfection. The Contractor shall disinfect the well as specified and perform a presence/absence test for coliform bacteria. The sample shall be analyzed by a State-certified lab. If the presence of bacteria is indicated, the well shall be disinfected again and re-sampled until the samples indicate the well is free of bacteria. The Contractor will not be compensated for additional disinfection and sampling if required.

CONTRACT DOCUMENTS

Bid Proposal

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

The following Line Items have been inserted:

Item No.	Item Description	Unit
2.12a	Furnish & Install Initial Lineshaft Pump Bowl Assembly (Up to 6" Diameter)	EA
2.13a	Furnish & Install Initial Lineshaft Pump Bowl Assembly (> 6" & up to 8" Diameter)	EA
2.14a	Furnish & Install Initial Lineshaft Pump Bowl Assembly (>8" & up to 10" Diameter)	EA

Item No.	Item Description	Unit
2.15a	Furnish & Install Initial Lineshaft Pump Bowl Assembly (>10" & up to 12" Diameter)	EA

The following Line Item has been revised:

Item No.	Item Description	Unit
2.44	Provide Specialized Electrical Work	HR

Technical Specifications

Special Conditions, page 3

Replace existing Section 1.7 with the following:

1.7 PERFORMANCE TIME

A. General

- a. Performance time assumes all relevant submittals have been approved prior to Task Order issuance.
- b. The Large Capacity Well Mitigation Program Contract shall remain in full force for a period of one year (365 days) from the notice to proceed date or until funds are exhausted from the contract.

Section 002 – Measurement and Payment

The following items have been added to Section 1.8B and the remainder of the section renumbered:

12. Item No. 2.12a – Furnish and Initial Install Lineshaft Pump Bowl Assembly (Up to 6 Inch Diameter):
 - a. Description - This item includes all work associated with furnishing and installing the initial lineshaft pump bowl assembly to include suction and discharge case and associated appurtenances. 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 pump 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 initial pump stages installed, tested and accepted, in accordance with the Contract Documents.
 - c. Payment - Payment for installing the pump shall be at the unit price per each initial stage indicated in the Bid Proposal, which price shall constitute full compensation for the completed Work. Payment for this item will not be made until CONTRACTOR submits

documentation from the Performance Test in accordance with the Contract Documents.

13. Item No. 2.13a – Furnish and Install Initial Lineshaft Pump Bowl Assembly (Greater than 6 inch and up to 8 Inch Diameter):
 - a. Description - This item includes all work associated with furnishing and installing the initial lineshaft pump bowl assembly to include suction and discharge case and associated appurtenances. 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 pump installed, tested and accepted, and ready for use as its intended purpose.
 - b. Measurement - Measurement of this will be based on the number of initial pump stages installed, tested and accepted, in accordance with the Contract Documents.
 - c. Payment - Payment for this item shall be at the unit price per each initial stage indicated in the Bid Proposal, which price shall constitute full compensation for the completed Work. Payment for this item will not be made until CONTRACTOR submits documentation from the Performance Test in accordance with the Contract Documents.
14. Item No. 2.14a – Furnish and Install Initial Lineshaft Pump Bowl Assembly (Greater than 8 inch and up to 10 Inch Diameter):
 - a. Description - This item includes all work associated with furnishing and installing the initial lineshaft pump bowl assembly to include suction and discharge case and associated appurtenances. 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 pump 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 initial pump stages installed, tested and accepted, in accordance with the Contract Documents.
 - c. Payment - Payment for this item shall be at the unit price per each initial stage indicated in the Bid Proposal, which price shall constitute full compensation for the completed Work. Payment for this item will not be made until CONTRACTOR submits documentation from the Performance Test in accordance with the Contract Documents.
15. Item No. 2.15a – Furnish and Install Initial Lineshaft Pump Bowl Assembly (Greater than 10 Inch and up to 12 Inch Diameter):
 - a. Description - This item includes all work associated with furnishing and installing the initial lineshaft pump bowl assembly to include suction and discharge case and associated appurtenances. 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 pump 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 initial pump stages installed, tested and accepted, in accordance with the Contract Documents.
 - c. Payment - Payment for this item shall be at the unit price per each initial stage indicated in the Bid Proposal, which price shall constitute full compensation for the completed Work. Payment for this item will not be made until CONTRACTOR submits documentation from the Performance Test in accordance with the Contract Documents.

The following item has been revised in Section 1.8B

Item No. 2.44 – Provide Specialized Electrical Work:

- a. Description: This item includes the costs associated with providing a licensed electrician to perform required electrical installation work above and beyond normal pump installation. The work includes providing all permits, materials, labor, supervision, equipment, tools, and all other incidentals necessary to complete the work in place.
- b. Measurement – Measurement of this item will be based on the number of hours of approved specialized electrical work performed in accordance with the Contract Documents.
- c. Payment – Payment for this item shall be at the unit price per hour indicated in the Bid Proposal, which price shall constitute full compensation for the completed Work all in accordance with the Contract Documents.


Section 005B – Large Capacity Water Well Construction

Page 15, Part 2 - Products, Section 2.9 shall now read as follows:

2.9 ANNULAR SEAL

- A. Portland Cement (to be used with steel casings) must conform to ASTM C150, Type I.
- B. Grout Additives:
 1. Additives such as bentonite to reduce shrinkage, other admixtures (ASTM C494) to reduce permeability, increase fluidity, and control set time, shall be suitable for use in water well construction. A maximum of 6 percent sodium bentonite by weight will be permitted.
 2. Use of additives and composition of resultant slurry, shall be subject to OWNER'S approval.

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


Brian Lillibridge
Environmental Protection Specialist IV
Groundwater Resource Protection

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

Date

Signature of Bidder

END OF ADDENDUM

SAWS Large Capacity Well Mitigation Program (Solicitation No. 10-006-CM)
 Mandatory Pre-Bid Meeting - January 25, 2010 10:00a.m. CRC-169

Company Name	Representative Name	Phone No.	E-mail Address
ALSAY INC.	Brian Hilbard	210 628 1090	b.hilbard@alsayinc.com
Alsay Inc.	Steve Bell	210 628-1090	stev.bell@alsayinc.com
GELC	Butch Perkins	932/4257991	butch@percros.com
Stewart Brothers	Andy Stewart	505 284-2982	Andy@stewartbrothers.com Tel@stewartbrothers.com
THOMAS MORTSON'S W.W. RIG. INC.	THOMAS MORTON JR	830-745-2135	MORTSON@RIGGING.COM
PEERLESS EQUIPMENT	RAY V. SHARA	210-422-5465	ray@peerlessequip.com
Cynthia Miller	Cynthia Miller	210-233-3406	cymiller@saws.org
SAWS	Brian F. DeBridg	210-233-3542	bill@bridge@saws.org
SAWS	Chris Langston	210-233-3538	clangston@saws.org

BID PROPOSAL

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, in accordance with the Instructions to Bidders. It is understood that all proposals submitted without proper bid bonds and proper acknowledgement of all addenda herein will be rejected.

Work shall be completed in full within **365** consecutive calendar days, or until funds are exhausted.

TO 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 **SAWS Job No. 10-8603-206, Large Capacity Well Mitigation Program** in accordance with Plans and Specifications for the following prices to wit:

ITEM NO.	ITEM DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
Part 1 – Diagnostics					
1.01	Lineshaft Pump Removal _____ Dollars and _____ Cents	18	EA	\$ _____	\$ _____
1.02	Lineshaft Pump Installation _____ Dollars and _____ Cents	18	EA	\$ _____	\$ _____
1.03	Submersible Pump Removal _____ Dollars and _____ Cents	1	EA	\$ _____	\$ _____
1.04	Submersible Pump Installation _____ Dollars and _____ Cents	1	EA	\$ _____	\$ _____

ITEM NO.	ITEM DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
1.05	Well Data Collection _____ Dollars and _____ Cents	18	EA	\$ _____	\$ _____
1.06	Geophysical Logging – Diagnostics _____ Dollars and _____ Cents	2	EA	\$ _____	\$ _____
1.07	Downhole Video Survey _____ Dollars and _____ Cents	2	EA	\$ _____	\$ _____
1.08	Stand-by – Diagnostics _____ Dollars and _____ Cents	8	HR	\$ _____	\$ _____
Part 2 – Well Mitigation					
2.01	Install Sounding Tube for Water Level Measurement _____ Dollars and _____ Cents	3	EA	\$ _____	\$ _____
2.02	Elevate Well Casing _____ Dollars and _____ Cents	8	EA	\$ _____	\$ _____
2.03	Elevate Diesel Engine _____ Dollars and _____ Cents	8	EA	\$ _____	\$ _____

ITEM NO.	ITEM DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
2.04	Furnish and Install SCH 80 PVC Drop Pipe and Couplings (3" Diameter) _____ Dollars and _____ Cents	100	LF	\$ _____	\$ _____
2.05	Furnish and Install SCH 80 PVC Drop Pipe and Couplings (4" Diameter) _____ Dollars and _____ Cents	100	LF	\$ _____	\$ _____
2.06	Furnish & Install Column Pipe Assembly (Up to 4" Diameter) _____ Dollars and _____ Cents	100	LF	\$ _____	\$ _____
2.07	Furnish & Install Column Pipe (>4" & up to 6" Diameter) _____ Dollars and _____ Cents	500	LF	\$ _____	\$ _____
2.08	Furnish & Install Column Pipe (>6" & up to 8" Diameter) _____ Dollars and _____ Cents	2,500	LF	\$ _____	\$ _____
2.09	Furnish & Install Column Pipe (>8" & up to 10" Diameter) _____ Dollars and _____ Cents	50	LF	\$ _____	\$ _____

ITEM NO.	ITEM DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
2.10	Furnish & Install 2 1/2" Enclosing Tube and 1 1/2" Lineshaft _____ Dollars and _____ Cents	2,500	LF	\$ _____	\$ _____
2.11	Furnish & Install 2 1/2" Enclosing Tube and 1 11/16" Lineshaft _____ Dollars and _____ Cents	500	LF	\$ _____	\$ _____
2.12a	Furnish & Install Initial Lineshaft Pump Bowl Assembly (Up to 6" Diameter) _____ Dollars and _____ Cents	1	ST	\$ _____	\$ _____
2.13a	Furnish & Install Initial Lineshaft Pump Bowl Assembly (> than 6" & up to 8" Diameter) _____ Dollars and _____ Cents	1	EA	\$ _____	\$ _____
2.14a	Furnish & Install Initial Lineshaft Pump Bowl Assembly (>8" & up to 10" Diameter) _____ Dollars and _____ Cents	8	EA	\$ _____	\$ _____
2.15a	Furnish & Install Initial Lineshaft Pump Bowl Assembly (>10" & up to 12" Diameter) _____ Dollars and _____ Cents	1	EA	\$ _____	\$ _____
2.12	Furnish & Install Lineshaft Pump (Up to 6" Bowl Diameter) _____ Dollars and _____ Cents	1	EA	\$ _____	\$ _____

ITEM NO.	ITEM DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
2.13	Furnish & Install Lineshaft Pump (> than 6" & up to 8" Bowl Diameter) _____ Dollars and _____ Cents	1	ST	\$ _____	\$ _____
2.14	Furnish & Install Lineshaft Pump (>8" & up to 10" Bowl Diameter) _____ Dollars and _____ Cents	8	ST	\$ _____	\$ _____
2.15	Furnish & Install Lineshaft Pump (>10" & up to 12" Bowl Diameter) _____ Dollars and _____ Cents	1	ST	\$ _____	\$ _____
2.16	Furnish & Install Diesel Engine (50 HP & up to 100 HP) _____ Dollars and _____ Cents	1	EA	\$ _____	\$ _____
2.17	Furnish & Install Diesel Engine (>100 HP & up to 150 HP) _____ Dollars and _____ Cents	1	EA	\$ _____	\$ _____
2.18	Furnish & Install Diesel Engine (>150 HP & up to 200 HP) _____ Dollars and _____ Cents	1	EA	\$ _____	\$ _____

ITEM NO.	ITEM DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
2.19	Furnish & Install Diesel Engine (>200 HP & up to 250 HP) _____ Dollars and _____ Cents	1	EA	\$ _____	\$ _____
2.20	Right Angle Gear Drive (100 HP to 150 HP) _____ Dollars and _____ Cents	1	EA	\$ _____	\$ _____
2.21	Right Angle Gear Drive (200HP) _____ Dollars and _____ Cents	1	EA	\$ _____	\$ _____
2.22	Furnish & Install Submersible Pump and Motor (7.5 HP) _____ Dollars and _____ Cents	1	EA	\$ _____	\$ _____
2.23	Furnish & Install Submersible Pump and Motor (10 HP) _____ Dollars and _____ Cents	1	EA	\$ _____	\$ _____
2.24	Furnish & Install Submersible Pump and Motor (15 HP) _____ Dollars and _____ Cents	1	EA	\$ _____	\$ _____

ITEM NO.	ITEM DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
2.25	Furnish & Install Submersible Pump and Motor (20 HP) _____ Dollars and _____ Cents	1	EA	\$ _____	\$ _____
2.26	Furnish & Install Submersible Pump and Motor (25 HP) _____ Dollars and _____ Cents	1	EA	\$ _____	\$ _____
2.27	Furnish & Install Submersible Pump and Motor (30 HP) _____ Dollars and _____ Cents	1	EA	\$ _____	\$ _____
2.28	Furnish & Install Submersible Pump Control Box (7.5 HP) _____ Dollars and _____ Cents	1	EA	\$ _____	\$ _____
2.29	Furnish & Install Submersible Pump Control Box (10 HP) _____ Dollars and _____ Cents	1	EA	\$ _____	\$ _____
2.30	Furnish & Install Submersible Pump Control Box (15 HP) _____ Dollars and _____ Cents	1	EA	\$ _____	\$ _____

ITEM NO.	ITEM DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
2.31	Furnish & Install Submersible Pump Control Box (20 HP) _____ Dollars and _____ Cents	1	EA	\$ _____	\$ _____
2.32	Furnish & Install Submersible Pump Control Box (25 HP) _____ Dollars and _____ Cents	1	EA	\$ _____	\$ _____
2.33	Furnish & Install Submersible Pump Control Box (30 HP) _____ Dollars and _____ Cents	1	EA	\$ _____	\$ _____
2.34	Fabricate & Install Well Seal (10") _____ Dollars and _____ Cents	1	EA	\$ _____	\$ _____
2.35	Fabricate & Install Well Seal (12") _____ Dollars and _____ Cents	1	EA	\$ _____	\$ _____
2.36	Furnish and Install Check Valve (3") _____ Dollars and _____ Cents	1	EA	\$ _____	\$ _____
2.37	Furnish and Install Check Valve (4") _____ Dollars and _____ Cents	1	EA	\$ _____	\$ _____

ITEM NO.	ITEM DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
2.38	Furnish & Install Submersible Pump Cable (#8) _____ Dollars and _____ Cents	300	LF	\$ _____	\$ _____
2.39	Furnish & Install Submersible Pump Cable (#6) _____ Dollars and _____ Cents	50	LF	\$ _____	\$ _____
2.40	Furnish & Install Submersible Pump Cable (#4) _____ Dollars and _____ Cents	50	LF	\$ _____	\$ _____
2.41	Furnish & Install Submersible Pump Cable (#2) _____ Dollars and _____ Cents	50	LF	\$ _____	\$ _____
2.42	Furnish & Install PVC Electrical Conduit and Miscellaneous Fittings _____ Dollars and _____ Cents	100	LF	\$ _____	\$ _____
2.43	Furnish & Install Electrical Junction Box _____ Dollars and _____ Cents	1	EA	\$ _____	\$ _____
2.44	Provide Specialized Electrical Work _____ Dollars and _____ Cents	1	HR	\$ _____	\$ _____

ITEM NO.	ITEM DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
2.45	Pipe Coupler - Steel to Aluminum (6" - 8") _____ Dollars and _____ Cents	2	EA	\$ _____	\$ _____
2.46	Pipe Coupler - Steel to Aluminum (8" & up to 10") _____ Dollars and _____ Cents	2	EA	\$ _____	\$ _____
2.47	Pipe Flange (6" & up to 8") _____ Dollars and _____ Cents	2	EA	\$ _____	\$ _____
2.48	Pipe Flange (8" & up to 10") _____ Dollars and _____ Cents	2	EA	\$ _____	\$ _____
2.49	Butterfly Valve (8" & up to 10") _____ Dollars and _____ Cents	4	EA	\$ _____	\$ _____
2.50	Schedule 80 PVC Pipe, 100 PSI (8") _____ Dollars and _____ Cents	200	LF	\$ _____	\$ _____
2.51	Schedule 80 PVC 90 Degree Elbow (8") _____ Dollars and _____ Cents	8	EA	\$ _____	\$ _____

ITEM NO.	ITEM DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
2.52	Provide Pulling Unit and Crew _____ Dollars and _____ Cents	16	HR	\$ _____	\$ _____
Part 3 – Well Construction					
3.01	Drill Pilot Hole - Mud Rotary _____ Dollars and _____ Cents	2,000	LF	\$ _____	\$ _____
3.02	Geophysical Logging - Well Construction _____ Dollars and _____ Cents	1	EA	\$ _____	\$ _____
3.03	Back Plug Pilot Hole _____ Dollars and _____ Cents	200	LF	\$ _____	\$ _____
3.04	Furnish and Install Casing (10" Diameter Well) _____ Dollars and _____ Cents	700	LF	\$ _____	\$ _____
3.05	Furnish and Install Dielectric Coupling (10" Diameter Well) _____ Dollars and _____ Cents	1	EA	\$ _____	\$ _____
3.06	Furnish and Install Well Screen (10" Diameter Well) _____ Dollars and _____ Cents	100	LF	\$ _____	\$ _____

ITEM NO.	ITEM DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
3.07	Furnish and Install Gravel Pack (10" Diameter Well) _____ Dollars and _____ Cents	140	LF	\$ _____	\$ _____
3.08	Furnish and Emplace Cement Grout (10" Diameter Well) _____ Dollars and _____ Cents	660	LF	\$ _____	\$ _____
3.09	Furnish and Install Casing (12" Diameter Well) _____ Dollars and _____ Cents	700	LF	\$ _____	\$ _____
3.10	Furnish and Install Dielectric Coupling (12" Diameter Well) _____ Dollars and _____ Cents	1	EA	\$ _____	\$ _____
3.11	Furnish and Install Well Screen (12" Diameter Well) _____ Dollars and _____ Cents	100	LF	\$ _____	\$ _____
3.12	Furnish and Install Gravel Pack (12" Diameter Well) _____ Dollars and _____ Cents	140	LF	\$ _____	\$ _____
3.13	Furnish and Emplace Cement Grout (12" Diameter Well) _____ Dollars and _____ Cents	660	LF	\$ _____	\$ _____

ITEM NO.	ITEM DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
3.14	Well Development _____ Dollars and _____ Cents	2	EA	\$ _____	\$ _____
3.15	Constant-Discharge Pump Test _____ Dollars and _____ Cents	8	HR	\$ _____	\$ _____
3.16	Well Disinfection and Sampling _____ Dollars and _____ Cents	2	EA	\$ _____	\$ _____
3.17	Install Concrete Well Pad _____ Dollars and _____ Cents	256	SF	\$ _____	\$ _____
3.18	Contractor Stand-by Time - Drilling Operations _____ Dollars and _____ Cents	8	HR	\$ _____	\$ _____
Part 4 – Well Plugging					
4.01	Sack of Cement Used to Plug Well by Pressure Cementing _____ Dollars and _____ Cents	600	EA	\$ _____	\$ _____
4.02	Furnish and Install Washed and Disinfected #8/16 Gravel _____ Dollars and _____ Cents	240	LF	\$ _____	\$ _____
Part 5 – Mobilization, Demobilization and Site Restoration (see limitations for determining these costs provided in “Total Figures”, Row B below)					

ITEM NO.	ITEM DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
5.01	Diagnostics - Mob/Demob - S. Bexar, Atascosa, Wilson Counties _____ Dollars and _____ Cents	15	EA	\$ _____	\$ _____
5.02	Diagnostics- Mob/Demob – Gonzales County _____ Dollars and _____ Cents	4	EA	\$ _____	\$ _____
5.11	Drilling - Mob/Demob - S. Bexar, Atascosa, Wilson Counties _____ Dollars and _____ Cents	1	EA	\$ _____	\$ _____
5.12	Drilling - Mob/Demob – Gonzales County _____ Dollars and _____ Cents	1	EA	\$ _____	\$ _____
5.21	Plugging - Mob/Demob - S. Bexar, Atascosa, Wilson Counties _____ Dollars and _____ Cents	1	EA	\$ _____	\$ _____
5.22	Plugging - Mob/Demob – Gonzales County _____ Dollars and _____ Cents	1	EA	\$ _____	\$ _____

Sub-Totals in Figures

A. Subtotal – Base Bid Amount (Total Parts 1 through 4)	\$ _____
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B. Subtotal – Mobilization and Demobilization, and Site Restoration (Total of Part 5)*	\$ _____
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* Mobilization, Demobilization, and Site Restoration costs shall be limited to a maximum 10% of the Sub-total Based Bid Amount. The Sub-total Base Bid Amount is the amount provided in the column for Total in Figures, Row **A**, and is defined as all bid items excluding Line Item **B**, Mobilization, Demobilization, and Site Restoration. For example, if the Sub-total Base Bid Amount in Row A is \$100,000 then the amount for mobilization/demobilization in Row B cannot **exceed** \$10,000 which is 10% of \$100,000.

TOTAL BID AMOUNT	\$ _____
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BIDDER'S SIGNATURE AND TITLE

FIRM'S NAME

FIRM'S ADDRESS

FIRM'S PHONE NO./FAX NO./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 with 365 consecutive calendar days after the start date or until funds are exhausted, 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 Proposal which are included on the following pages.

BIDDER'S EXPERIENCE FORM

BIDDER'S EXPERIENCE

In order to make a responsive Bid, the Bidder must provide evidence of being a responsible bidder by providing a minimum of three successfully completed water well service projects and three successfully completed water well construction projects completed within the last five years. A successfully completed project is considered as a project that did not involve the Bidder defaulting on the contract, was completed within the contract time and incurred zero (0) owner claims. Bidders should reference projects that meet the following criteria:

Well Service Project:

- Lineshaft, vertical turbine pumps set to at least 350 feet, and;
- Minimum capacity of 1,000 gallons per minute, and;
- Pump bowl diameters of at least 10 inches.

Well Construction Project:

- Construction of screened and gravel-packed wells completed in the Carrizo-Wilcox Aquifer or similar aquifer by mud rotary drilling method:
- Well depth of at least 1,000 feet in total depth; and
- Casing diameter of at least 12 inches.

Data given must be clear and comprehensive. Include specific project name, facility owner, diameter, capacity, and depth of lineshaft pump installation; and depth, casing diameter and aquifer formation completed in of constructed wells. Contract amounts shall be included for all projects listed. The San Antonio Water System in determining the responsible bidder will evaluate the Bid price and Bidder's demonstrated experience and the ability to perform the work.

Well Service Projects			
Project Name	Facility Owner & Phone No.	Pump Diameter/Capacity/Depth Setting	Contract Amount

BIDDER'S EXPERIENCE FORM (CONTINUED)

Well Construction Projects			
Project Name	Facility Owner & Phone No.	Well Depth/Casing Diameter/Aquifer	Contract Amount

The signed Bidder Experience Form and any required supplemental information must be submitted with the Proposal for the Bidder to be considered:

Contractor

By

Title

Date

SUBCONTRACTOR'S EXPERIENCE FORM

SUBCONTRACTOR'S EXPERIENCE

In order to make a responsive Bid, the Bidder must provide evidence of being a responsible bidder by demonstrating that subcontractors to be used by the Bidder have completed a minimum of three successfully completed water well service projects and three successfully completed water well construction projects completed within the last five years. A successfully completed project is considered as a project that did not involve the subcontractor defaulting on the contract, was completed within the contract time and incurred zero (0) owner claims. Bidders should reference subcontractor projects that meet the following criteria:

Well Service Project:

- Lineshaft, vertical turbine pumps set to at least 350 feet, and;
- Minimum capacity of 1,000 gallons per minute, and;
- Pump bowl diameters of at least 10 inches.

Well Construction Project:

- Construction of screened and gravel-packed wells completed in the Carrizo-Wilcox Aquifer or similar aquifer by mud rotary drilling method:
- Well depth of at least 1,000 feet in total depth; and
- Casing diameter of at least 12 inches.

Data given must be clear and comprehensive. Include specific project name, facility owner, diameter, capacity, and depth of lineshaft pump installation; and depth, casing diameter and aquifer formation completed in of constructed wells. Contract amounts shall be included for all projects listed. The San Antonio Water System in determining the responsible bidder will evaluate the Bid price and Bidder's demonstrated experience and the ability to perform the work.

Complete a separate Subcontractor's Experience Form for each subcontractor to be used.

Well Service Projects			
Project Name	Facility Owner & Phone No.	Pump Diameter/Capacity/Depth Setting	Contract Amount

SUBCONTRACTOR'S EXPERIENCE FORM (CONTINUED)

Well Construction Projects			
Project Name	Facility Owner & Phone No.	Well Depth/Casing Diameter/Aquifer	Contract Amount

The signed Subcontractor's Experience Form and any required supplemental information must be submitted with the Proposal for the Bidder to be considered:

Subcontractor

By

Title

Date

PROPOSAL (Continued)

Accompanying this proposal is a Bid Bond or Certified or Cashier's Check on a State or National Bank payable to the Order of the San Antonio Water System for _____ dollars (\$ _____), which amount represents five percent (5%) of the total bid price. Said bond or check is to be returned to the bidder unless the proposal is accepted and the bidder fails to execute and file a contract within 10 calendar days after the award of the Contract, in which case the check shall become the property of said San Antonio Water System, and shall be considered as payment for damages due to delay and other inconveniences suffered by said San Antonio Water System due to the failure of the bidder to execute the contract. The San Antonio Water System reserves the right to reject any and all bids.

It is anticipated that the Owner will act on this proposal within 60 calendar days after the bid opening. Upon acceptance and award of the contract to the undersigned by the Owner, the undersigned shall execute standard San Antonio Water System Contract Documents and make Performance and Payment Bonds for the full amount of the contract within 10 calendar days after the award of the Contract to secure proper compliance with the terms and provisions of the contract, to insure and guarantee the work until final completion and acceptance, and the guarantee period stipulated, and to guarantee payment of all lawful claims for labor performed and materials furnished in the fulfillment of the contract.

It is anticipated that the Owner will provide written Authorization to Proceed within 30 days after the award of the Contract.

The Contractor hereby agrees to commence work under this Contract within seven (7) calendar days after issuance by the SAWS of the written Authorization to Proceed. Under no circumstances shall the work commence prior to Contractor's receipt of SAWS issued, written Authorization to Proceed.

The undersigned certifies that the bid prices contained in the proposal have been carefully checked and are submitted as correct and final.

In completing the work contained in this proposal the undersigned certifies that bidder's practices and policies do not discriminate on the grounds of race, color, religion, sex or national origin and that the bidder will affirmatively cooperate in the implementation of these policies and practices.

Signed:

Company Representative

Company Name

Address

Please return bidder's check to:

Company Name

Address



**GOOD FAITH EFFORT PLAN FOR
CONSTRUCTION SUB-CONTRACTS
FOR**

NAME OF PROJECT: _____

SECTION A - CONTRACTOR INFORMATION:

Name of Firm: _____

Address: _____

City: _____ **State:** _____ **Zip:** _____

Contact Person: _____ **Telephone:** _____

Email Address: _____ **Fax:** _____

Is your firm Certified: Yes _____ No: _____ **If certified, Certification Number:** _____

Type of Certification: _____ **AABE** _____ **DIBE** _____ **MBE** _____ **WBE**
 _____ **SBE** _____ **VBE** _____ **HUB** _____ **DBE**

1. List ALL SUBCONTRACTORS/SUPPLIERS that will be utilized on this project/contract.

Name & Address of Company	Scope of Work/Supplies to be Performed/Provided by Firm	Estimated Contract Amount on this Project	If Firm is Certified, Provide Certification Number and attach copy of Certification Affidavit
1.			
2.			
3.			
4.			
5.			
6.			

SECTION B. – SMWB COMMITMENTS

The SMWB goal on this project is 17%

- 1. The undersigned contractor has satisfied the requirements of the BID specification in the following manner (please check the appropriate space):

_____ The contractor is committed to a minimum of ____ % SMWB utilization on this contract.

_____ The contractor (if unable to meet the SMWB goal of ____%) is committed to a minimum of _____% SMWB utilization on this contract. *(If contractor/consultant is unable to meet the goal, please fill out Section C and submit documentation demonstrating good faith efforts).*

- 2. Name and phone number of person appointed to coordinate and administer the SMWB requirements on this project.

Name: _____

Title: _____

Phone Number _____

IF THE SMWB GOAL WAS MET, PROCEED TO AFFIRMATION AND SIGN THE GFEP. IF GOAL WAS NOT MET, PROCEED TO SECTION C.

During the term of the contract, the contractor must report the actual payments to all the SMWB subcontractors on a monthly basis, on the "Subcontractor Report Form" or in other specified time intervals and format prescribed by the SAWS. Any unjustified failure to comply with the levels of SMWB participation identified in the bid and affirmed in the Good Faith Effort Plan shall be considered a material breach of contract. The SAWS reserves the right, at any time during the term of the contract to request additional information, documentation or verification of payments made to subcontractors in connection with the contract. Verification of amounts being reported may take the form of requesting copies of canceled checks paid to SMWB participants and/or confirmation inquiries directly to the SMWB participants. Proof of payments, such as copies of canceled checks must properly identify the project name or project number to substantiate SMWB payment for this project.

The completed Subcontractor Report Forms should be mailed to:

San Antonio Water System
SMWB Program
2800 U. S. Hwy 281 N., Suite 171
San Antonio, TX 78212

SECTION C – GOOD FAITH EFFORTS (Fill out only, if the SMWB goal was not achieved).

1. List all firms you contacted with subcontracting/supply opportunities for this project that will not be utilized for the contract by choice of the contractor, subcontractor, or supplier. Written notices to firms contacted by the contractor for specific scopes of work identified for subcontracting/supply opportunities must be provided to subcontractor/supplier not less than five (5) business days prior to bid/proposal due date. The following information is required for all firms that were contacted of subcontracting/supply opportunities.

Name & Address of Company	Scope of Work/Supplies to be Performed/Provided by Firm	Is Firm SMWB Certified?	Date Written Notice was Sent & Method (Fax, Letter, E-Mail, etc.)	Reason Agreement was not reached?
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				

(Use additional sheets as needed)

In order to verify a contractor’s good faith efforts, please provide to SAWS copies of the written notices to all firms contacted by the contractor for specific scopes of work identified in relation to the subcontracting/supply opportunities in the above named project. Copies of said notices must be provided to the Business Development Liaison with five (5) business days after the bid is due. Such notices shall include information on the plans, specifications, and scope of work.

2. Did you attend the pre-proposal conference scheduled for this project? ____ Yes ____ No

3. List all SMWB listings or directories, contractor associations, and/or any other associations utilized to solicit SMWB Subcontractors/suppliers.

4. Discuss efforts made to define additional elements of the work proposed to be performed by SMWBs in order to increase the likelihood of achieving the goal:

5. Indicate advertisement mediums used for soliciting bids from SMWBs. (Please attach a copy of the advertisement(s):

AFFIRMATION

I hereby affirm that the above information is true and complete to the best of my knowledge. I further understand and agree that, this document shall be attached thereto and become a binding part of the contract.

Name and Title of Authorized Official:

Name: _____

Title: _____

Signature: _____ Date: _____

NOTE:

This Good Faith Effort Plan is reviewed by SAWS Contracting Department. For questions and/or clarifications, please contact the SMWB Program Manager, Ruby A.Perez-Webb, at (210) 233-3420. If the SMWB goal was not met, the SMWB Program Manager will evaluate the "good faith efforts" of a firm. The Good Faith Effort Plan must be approved prior to award of the contract.

Recommendation: Approval: _____ Denial: _____

Signature of Business Development Liaison: _____

Date: _____

SUBCONTRACTOR / CONSULTANT REPORT

San Antonio Water System 2800 U.S. Hwy. 281 North San Antonio, Texas 78212		1) Invoice No.	2) Job Name/Reporting Period From: _____ To: _____	3) SAWS Job Number
Instructions: All prime contractors are required to complete and submit this report until final payment of contract. To complete this report, we detailed instructions on reverse side. If you have any questions, please contact the SMWB Program Manager.				
4) Type of Contract - Select from Drop-down below: (Tab down)		5) Contractor's/Consultant's Business Name, Address, and Telephone Number	6) Date of Contract Award	7) Scheduled Date of Completion
8) Original Contract Amount	9) Current Contract Amount (Including Change Orders/Additional Addendums)		10) Total Contract Amount Rec'd to Date	11) Total Contract Amount Owed
12) Proposed Participation SBE _____% MBE _____% WBE _____%	13) Instructions for calculation of SMWB Percentage: Total dollar amount paid to SMWB divided by total dollar am		14) Name, Address, & Phone Number of Subcontractor/Sub Consultant	15) Select from Drop-down Below:
16) Description of Subcontract Work	17) Subcontract Dollars Awarded	18) Subcontract Amount Paid to Date	19) Subcontract % Paid to Date	
			SBE, MBE, WBE	
			SBE	
			MBE	
			WBE	
Company's Official Signature and Title		Date Signed	Name & Title of Individual Completing Report	

CONFLICT OF INTEREST QUESTIONNAIRE NOTE:

“Effective January 1, 2006, Chapter 176 of the Texas local Government Code requires that persons, or their agents, who seek to contract for the sale or purchase of property, goods, or services with SAWS shall file a completed conflict of interest questionnaire with the SAWS Manager of Contract Administration no later than the 7th business day after the date that the person: (1) begins contract discussions or negotiations with SAWS; or (2) submits to SAWS an application, response to a request for proposals or bids, correspondence, or another writing related to a potential agreement with SAWS. The Conflict of Business questionnaire is attached on the following page and is available from the Texas Ethics Commission at www.ethics.state.tx.us. Completed Conflict of Interest questionnaires should be included with your bid or may be delivered by hand, within 7 business days of the bid opening, to the Manager of Contract Administration. If mailing a completed Conflict of Interest questionnaire, mail to: David Gonzales, Manager, Contract Administration, 2800 U.S. Hwy 281 North, San Antonio, TX 78212. If delivering a completed Conflict of Interest questionnaire, deliver to Contract Administration, Tower 2, 1st Floor, Room 171, 2800 U.S. Hwy 281 North, San Antonio, TX 78212.

Please consult your own legal advisor if you have questions regarding the statute or form.”

CONFLICT OF INTEREST QUESTIONNAIRE

FORM CIQ

For vendor or other person doing business with local governmental entity

This questionnaire reflects changes made to the law by H.B. 1491, 80th Leg., Regular Session.

This questionnaire is being filed in accordance with Chapter 176, Local Government Code by a person who has a business relationship as defined by Section 176.001(1-a) with a local governmental entity and the person meets requirements under Section 176.006(a).

By law this questionnaire must be filed with the records administrator of the local governmental entity not later than the 7th business day after the date the person becomes aware of facts that require the statement to be filed. See Section 176.006, Local Government Code.

A person commits an offense if the person knowingly violates Section 176.006, Local Government Code. An offense under this section is a Class C misdemeanor.

OFFICE USE ONLY

Date Received

1 Name of person who has a business relationship with local governmental entity.

2 Check this box if you are filing an update to a previously filed questionnaire.

(The law requires that you file an updated completed questionnaire with the appropriate filing authority not later than the 7th business day after the date the originally filed questionnaire becomes incomplete or inaccurate.)

3 Name of local government officer with whom filer has employment or business relationship.

Name of Officer

This section (item 3 including subparts A, B, C & D) must be completed for each officer with whom the filer has an employment or other business relationship as defined by Section 176.001(1-a), Local Government Code. Attach additional pages to this Form CIQ as necessary.

A. Is the local government officer named in this section receiving or likely to receive taxable income, other than investment income, from the filer of the questionnaire?

Yes No

B. Is the filer of the questionnaire receiving or likely to receive taxable income, other than investment income, from or at the direction of the local government officer named in this section AND the taxable income is not received from the local governmental entity?

Yes No

C. Is the filer of this questionnaire employed by a corporation or other business entity with respect to which the local government officer serves as an officer or director, or holds an ownership of 10 percent or more?

Yes No

D. Describe each employment or business relationship with the local government officer named in this section.

4

Signature of person doing business with the governmental entity

Date