



GUAM WATERWORKS AUTHORITY

Gloria B. Nelson Public Service Building 688 Route 15 Mangilao, Guam 96913
Tel. No. (671) 300-6058

Invitation For Bid: IFB-02-ENG-2023
Groundwater Wells A-02, A-07, A-12, D-05, and F-03 Rehabilitation (Re-bid)
GWA Project No. W16-001-EPA

Addendum No.: 03

Date: January 18, 2023

All Potential Bidders:

This addendum is issued to modify the previously issued bid documents and/or given for informational purposes, and is hereby made a part of the bid documents. Failure to acknowledge receipt of this addendum shall be grounds for the bidder's disqualification and rejection of the bidder's proposal.

- 1. Section 00410 Bid Form (Addendum No.3) shall replace previous version(s) in its entirety.**
- 2. Bid Documents – Invitation for Bid and other sections of the bid documents where applicable:**

Bid acceptance deadline has been extended from January 25, 2023 to **February 15, 2023 at 10:00 a.m. ChST.** Submit one original and one copy of bid documents.
- 3. All questions or clarifications must be submitted in writing on or before January 25, 2023.**

Bidders are also notified to visit the GWA website, <http://guamwaterworks.org/bids/> to ensure that addenda to the bid, answers to questions, and reminders communicated are received by all bidders throughout the solicitation process.

MIGUEL C. BORDALLO, P.E.
General Manager

Attachments:
Section 00410 Bid Form (Addendum No.3)

cc: MCB, JES, PF

BID FORM

Table of Contents

Article 1 - BID RECIPIENT..... 2

Article 2 - BIDDER’S ACKNOWLEDGMENTS 2

Article 3 - BIDDER’S REPRESENTATIONS..... 2

Article 4 - BIDDER’S CERTIFICATIONS 3

Article 5 - BASIS OF BID 4

Article 6 - TIME OF COMPLETION..... 4

Article 7 - ATTACHMENTS TO THIS BID 4

Article 8 - DEFINED TERMS..... 4

Article 9 - BID SUBMITTAL..... 4

BID FORM

ARTICLE 1 - BID RECIPIENT

1.01 This Bid is submitted to:

Guam Waterworks Authority
Gloria B. Nelson Public Service Building
688 Route 15 Mangilao, Guam 96913

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into a Contract with Buyer in the form included in the Bidding Documents to furnish the Goods and Special Services as specified or indicated in the Bidding Documents, for the prices and within the times indicated in this Bid, and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2 - BIDDER'S ACKNOWLEDGMENTS

2.01 Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 60 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Buyer.

ARTICLE 3 - BIDDER'S REPRESENTATIONS

3.01 In submitting this Bid, Bidder represents that:

A. Bidder has examined and carefully studied the Bidding Documents, the related data identified in the Bidding Documents, and the following Addenda, receipt of which is hereby acknowledged:

Addendum No.	Addendum Date

B. Bidder has visited the Point of Destination and site where the Goods are to be installed or Special Services will be provided and become familiar with and is satisfied as to the observable local conditions that may affect cost, progress, or the furnishing of Goods and Special Services, if required to do so by the Bidding Documents, or if, in Bidder's judgment, any local condition may affect cost, progress, or the furnishing of Goods and Special Services.

C. Bidder is familiar with and is satisfied as to all Laws and Regulations in effect as of the date of the Bid that may affect cost, progress, and the furnishing of Goods and Special Services.

D. Bidder has carefully studied, considered, and correlated the information known to Bidder; information commonly known to sellers of similar goods doing business in the locality of the Point of Destination and the site where the Goods will be installed or where Special Services will be provided;

information and observations obtained from Bidder's visits, if any, to the Point of Destination and the site where the Goods will be installed or Special Services will be provided; and any reports and drawings identified in the Bidding Documents regarding the Point of Destination and the site where the Goods will be installed or where Special Services will be provided, with respect to the effect of such information, observations, and documents on the cost, progress, and performance of Seller's obligations under the Bidding Documents.

E. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, and discrepancies that Bidder has discovered in the Bidding Documents, and the written resolution (if any) thereof by Engineer is acceptable to Bidder.

F. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for furnishing the Goods and Special Services for which this Bid is submitted.

ARTICLE 4 - BIDDER'S CERTIFICATIONS

4.01 Bidder certifies that:

A. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation;

B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;

C. Bidder has not solicited or induced any individual or entity to refrain from bidding; and

D. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 4.01.D:

1. "corrupt practice" means the offering, giving, receiving, or soliciting of any thing of value likely to influence the action of a public official in the bidding process;
2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Buyer, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Buyer of the benefits of free and open competition;
3. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Buyer, a purpose of which is to establish bid prices at artificial, non-competitive levels; and
4. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process.

ARTICLE 5 - BASIS OF BID

5.01 Bidder will furnish the Goods and Special Services in accordance with the Contract Documents for the following price(s): **See attached Attachment 1 – Unit Price Bid Form**

Bidder acknowledges that estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all unit price Bid items will be based on actual quantities, to be determined and as provided in the Contract Documents. Bidder also acknowledges that each unit price includes an amount considered by Bidder to be adequate to cover Bidder’s overhead and profit for each separately identified item.

ARTICLE 6 - TIME OF COMPLETION

6.01 Bidder agrees that the furnishing of Goods and Special Services will conform to the schedule set forth in Article 5 of the Agreement.

6.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 7 - ATTACHMENTS TO THIS BID

7.01 The following documents are attached to and made a condition of this Bid:

- A. Required Bid security in the form of _____.
- B. List of Proposed Major Suppliers;
- C. Required Bidder Qualification Statement with Supporting Data; and

ARTICLE 8 - DEFINED TERMS

8.01 The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

ARTICLE 9 - BID SUBMITTAL

9.01 This Bid submitted by:

If Bidder is:

An Individual

Name (typed or printed): _____

By: _____
(Individual’s signature)

Doing business as: _____

Business address: _____

Phone: _____ Facsimile: _____
E-mail address: _____

A Partnership

Partnership Name: _____ (SEAL)

By: _____
(Signature of general partner - attach evidence of authority to sign)

Name (typed or printed): _____

Business address: _____

Phone: _____ Facsimile: _____

E-mail address: _____

A Corporation

Corporation Name: _____

State of Incorporation: _____

Type (General Business, Professional, Service, other): _____

By: _____
(Signature - attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

(CORPORATE SEAL)

Attest _____
(Signature of Corporate Secretary)

Business address: _____

Phone: _____ Facsimile: _____

E-mail address: _____

A Limited Liability Company (LLC)

LLC Name: _____

State in which organized: _____

By: _____
(Signature - attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

Business address: _____

Phone: _____ Facsimile: _____
E-mail address: _____

A Joint Venture

First Joint Venturer Name: _____ (SEAL)

By: _____
(Signature - attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

Business address: _____

Phone: _____ Facsimile: _____

E-mail address: _____

Second Joint Venturer Name: _____ (SEAL)

By: _____
(Signature - attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

Business address: _____

Phone: _____ Facsimile: _____

E-mail address: _____

Phone and Facsimile Number, and Address for receipt of official communications to Joint Venture: _____

(Each joint venturer must sign. The manner of signing for each individual, partnership, corporation, and limited liability company that is a party to the joint venture should be in the manner indicated above.)

Attachment 1 – Unit Price Bid Form

**Groundwater Wells A-02, A-07, A-12, D-05, and F-03 Rehabilitation (Re-bid)
GWA Project No. W16-001-EPA**

UNIT PRICE BID FORM

Table 1: Rehabilitation of Well A-02

Description of Work:

Work consists of new well construction and development including a conductor casing, sitework, new site water piping, mechanical, electrical and instrumentation improvements, new chlorination system and building, rehabilitation of existing generator building and other related work at Well A-02.

Bidders will complete the work for the following price(s) as broken down per scope item:

Item No.	Description	Unit	Unit Price	Qty	Bid Amount
1	Mobilization and Demobilization	LS	\$ _____	1	\$ _____
2	Traffic Control	LS	\$ _____	1	\$ _____
3	Environmental Mitigation Measures	LS	\$ _____	1	\$ _____
4	Materials Testing and Inspection	LS	\$ _____	1	\$ _____
5	Permits and Fees	LS	\$ _____	1	\$ _____
6	Geotechnical, Surveying and Potholing Services	LS	\$ _____	1	\$ _____
7	Site Demolition and Clearing	LS	\$ _____	1	\$ _____
8	Concrete Well Pedestal and Concrete Apron	LS	\$ _____	1	\$ _____

Item No.	Description	Unit	Unit Price	Qty	Bid Amount
9	Conductor Casing and Bore Hole	VF	\$ _____	110	\$ _____
10	Reaming Test Bore Hole to Final Well Production Bore Hole Diameter	VF	\$ _____	205	\$ _____
11	Logging of Well Bore Hole	LS	\$ _____	1	\$ _____
12	12-Inch Diameter 316L Stainless Steel Blank Well Casing	VF	\$ _____	163	\$ _____
13	12-Inch 316L Stainless Steel Louvered Well Casing	VF	\$ _____	40	\$ _____
14	Gravel Pack	CY	\$ _____	8.3	\$ _____
15	Annular Sanitary Seal with Sand and Bentonite	VF	\$ _____	120	\$ _____
16	Gravel Feed Tube	LS	\$ _____	1	\$ _____
17	Sounding Tubes	LS	\$ _____	1	\$ _____
18	Airlifting and Swabbing	LS	\$ _____	1	\$ _____
19	Setting and Removing Well Development Pump	LS	\$ _____	1	\$ _____
20	Well Development by Pumping and Surging	LS	\$ _____	1	\$ _____
21	Step-Drawdown Test, Constant Rate Pump and Recovery Tests	LS	\$ _____	1	\$ _____
22	Remote Well Monitoring and Instruments	LS	\$ _____	1	\$ _____

Item No.	Description	Unit	Unit Price	Qty	Bid Amount
23	Water Quality Analysis	LS	\$ _____	1	\$ _____
24	Video Log and Disinfection	LS	\$ _____	1	\$ _____
25	GEPA Well Permits, Final Well Technical Memorandum, and Miscellaneous Well Items	LS	\$ _____	1	\$ _____
26	Permanent Submersible Pump, Motor and Equipment	LS	\$ _____	1	\$ _____
27	Wellhead Discharge Piping, Valves, Meter and Appurtenances	LS	\$ _____	1	\$ _____
28	Buried Discharge Piping, Valves, and Piping to Existing Main	LS	\$ _____	1	\$ _____
29	Water Main Wet Tapping Valve and Connection	EA	\$ _____	1	\$ _____
30	Flushing Manholes, Piping and Covers	LS	\$ _____	1	\$ _____
31	Electrical and Instrumentation	LS	\$ _____	1	\$ _____
32	Standby Generator and Appurtenances	LS	\$ _____	1	\$ _____
33	Wellhead and All On-Site Instrumentation and Controls	LS	\$ _____	1	\$ _____
34	Chlorination Equipment and Appurtenances	LS	\$ _____	1	\$ _____
35	Chemical and Instrumentation Building including Mechanical Appurtenances	LS	\$ _____	1	\$ _____
36	Yard Piping, Emergency Eyewash Showers, Concrete Vaults and Appurtenances	LS	\$ _____	1	\$ _____

Item No.	Description	Unit	Unit Price	Qty	Bid Amount
37	Generator Building Cleaning and Restoration	LS	\$ _____	1	\$ _____
38	Trench Resurfacing within Public Right of Way	LS	\$ _____	1	\$ _____
39	Asphalt Concrete Pavement and Concrete Walkways at Well Site and Access Roads	LS	\$ _____	1	\$ _____
40	Sitework, Grading and Gravel Surfaces	LS	\$ _____	1	\$ _____
41	Chain Link Fencing and Gates	LS	\$ _____	1	\$ _____
42	Record Drawings, O&M Manuals and Asset Management Data	LS	\$ _____	1	\$ _____
43	Clean Up and Close Out	LS	\$ _____	1	\$ _____
WELL A-02 BID (TOTAL of Items 1 through 43, inclusive)					\$ _____
<i>(Please write out total bid amount in words below)</i>					

Table 2: Rehabilitation of Well A-07

Description of Work:

Work consists of new well construction and development including a conductor casing, sitework, new site water piping, mechanical, electrical and instrumentation improvements, new chlorination system and building, rehabilitation of existing generator building and other related work at Well A-07.

Bidders will complete the work for the following price(s) as broken down per scope item:

Item No.	Description	Unit	Unit Price	Qty	Bid Amount
1	Mobilization and Demobilization	LS	\$ _____	1	\$ _____
2	Traffic Control	LS	\$ _____	1	\$ _____
3	Environmental Mitigation Measures	LS	\$ _____	1	\$ _____
4	Material Testing and Inspection	LS	\$ _____	1	\$ _____
5	Permits and Fees	LS	\$ _____	1	\$ _____
6	Geotechnical, Surveying and Potholing Services	LS	\$ _____	1	\$ _____
7	Site Demolition and Clearing	LS	\$ _____	1	\$ _____
8	Concrete Well Pedestal and Concrete Apron	LS	\$ _____	1	\$ _____
9	Conductor Casing and Bore Hole	VF	\$ _____	125	\$ _____
10	Reaming Test Bore Hole to Final Well Production Bore Hole Diameter	VF	\$ _____	200	\$ _____
11	Logging of Well Bore Hole	LS	\$ _____	1	\$ _____

NIC

Item No.	Description	Unit	Unit Price	Qty	Bid Amount
12	12-Inch Diameter 316L Stainless Steel Blank Well Casing	VF	\$ _____	178	\$ _____
13	12-Inch 316L Stainless Steel Louvered Well Casing	VF	\$ _____	20	\$ _____
14	Gravel Pack	CY	\$ _____	6.0	\$ _____
15	Annular Sanitary Seal with Sand and Bentonite	VF	\$ _____	135	\$ _____
16	Gravel Feed Tube	LS	\$ _____	1	\$ _____
17	Sounding Tubes	LS	\$ _____	1	\$ _____
18	Airlifting and Swabbing	LS	\$ _____	1	\$ _____
19	Setting and Removing Well Development Pump	LS	\$ _____	1	\$ _____
20	Well Development by Pumping and Surging	LS	\$ _____	1	\$ _____
21	Step-Drawdown Test, Constant Rate Pump and Recovery Tests	LS	\$ _____	1	\$ _____
22	Remote Well Monitoring and Instruments	LS	\$ _____	1	\$ _____
23	Water Quality Analysis	LS	\$ _____	1	\$ _____
24	Video Log and Disinfection	LS	\$ _____	1	\$ _____
25	GEPA Well Permits, Final Well Technical Memorandum, and Miscellaneous Well Items	LS	\$ _____	1	\$ _____

NIC

Item No.	Description	Unit	Unit Price	Qty	Bid Amount
26	Permanent Submersible Pump, Motor and Equipment	LS	\$ _____	1	\$ _____
27	Wellhead Discharge Piping, Valves, Meter and Appurtenances	LS	\$ _____	1	\$ _____
28	Buried Discharge Piping, Valves, and Piping to Existing Main	LS	\$ _____	1	\$ _____
29	Water Main Wet Tapping Valve and Connection	EA	\$ _____	1	\$ _____
30	Flushing Manholes, Piping and Covers	LS	\$ _____	1	\$ _____
31	Electrical and Instrumentation	LS	\$ _____	1	\$ _____
32	Standby Generator and Appurtenances	LS	\$ _____	1	\$ _____
33	Wellhead and All On-Site Instrumentation and Controls	LS	\$ _____	1	\$ _____
34	Chlorination Equipment and Appurtenances	LS	\$ _____	1	\$ _____
35	Chemical and Instrumentation Building including Mechanical Appurtenances	LS	\$ _____	1	\$ _____
36	Yard Piping, Emergency Eyewash Showers, Concrete Vaults and Appurtenances	LS	\$ _____	1	\$ _____
37	Generator Building Cleaning and Restoration	LS	\$ _____	1	\$ _____
38	Trench Resurfacing within Public Right of Way	LS	\$ _____	1	\$ _____
39	Asphalt Concrete Pavement and Concrete Walkways at Well Site and Access Roads	LS	\$ _____	1	\$ _____

NIC

Item No.	Description	Unit	Unit Price	Qty	Bid Amount
40	Sitework, Grading and Gravel Surfaces	LS	\$ _____	1	\$ _____
41	Chain Link Fencing and Gates	LS	\$ _____	1	\$ _____
42	Record Drawings, O&M Manuals and Asset Management Data	LS	\$ _____	1	\$ _____
43	Clean Up and Close Out	LS	\$ _____	1	\$ _____
NIC					
<u>WELL A-07 BID (TOTAL of Items 1 through 43, inclusive)</u>					\$ _____
<i>(Please write out total bid amount in words below)</i>					
-					

Table 3: Rehabilitation of Well A-12

Description of Work:

Work consists of new well construction and development including a conductor casing, sitework, new site water piping, mechanical, electrical and instrumentation improvements, new chlorination system and building, rehabilitation of existing generator building and other related work at Well A-12.

Bidders will complete the work for the following price(s) as broken down per scope item:

Item No.	Description	Unit	Unit Price	Qty	Bid Amount
1	Mobilization and Demobilization	LS	\$ _____	1	\$ _____
2	Traffic Control	LS	\$ _____	1	\$ _____
3	Environmental Mitigation Measures	LS	\$ _____	1	\$ _____
4	Materials Testing and Inspection	LS	\$ _____	1	\$ _____
5	Permits and Fees	LS	\$ _____	1	\$ _____
6	Geotechnical, Surveying and Potholing Services	LS	\$ _____	1	\$ _____
7	Site Demolition and Clearing	LS	\$ _____	1	\$ _____
8	Concrete Well Pedestal and Concrete Apron	LS	\$ _____	1	\$ _____
9	Conductor Casing and Bore Hole	VF	\$ _____	0	\$ _____
10	Reaming Test Bore Hole to Final Well Production Bore Hole Diameter	VF	\$ _____	412	\$ _____
11	Logging of Well Bore Hole	LS	\$ _____	1	\$ _____

Item No.	Description	Unit	Unit Price	Qty	Bid Amount
12	12-Inch Diameter 316L Stainless Steel Blank Well Casing	VF	\$ _____	210	\$ _____
13	12-Inch 316L Stainless Steel Louvered Well Casing	VF	\$ _____	200	\$ _____
14	Gravel Pack	CY	\$ _____	24.3	\$ _____
15	Annular Sanitary Seal with Sand and Bentonite	VF	\$ _____	100	\$ _____
16	Gravel Feed Tube	LS	\$ _____	1	\$ _____
17	Sounding Tubes	LS	\$ _____	1	\$ _____
18	Airlifting and Swabbing	LS	\$ _____	1	\$ _____
19	Setting and Removing Well Development Pump	LS	\$ _____	1	\$ _____
20	Well Development by Pumping and Surging	LS	\$ _____	1	\$ _____
21	Step-Drawdown Test, Constant Rate Pump and Recovery Tests	LS	\$ _____	1	\$ _____
22	Remote Well Monitoring and Instruments	LS	\$ _____	1	\$ _____
23	Water Quality Analysis	LS	\$ _____	1	\$ _____
24	Video Log and Disinfection	LS	\$ _____	1	\$ _____
25	GEPA Well Permits, Final Well Technical Memorandum, and Miscellaneous Well Items	LS	\$ _____	1	\$ _____

Item No.	Description	Unit	Unit Price	Qty	Bid Amount
26	Permanent Submersible Pump, Motor and Equipment	LS	\$ _____	1	\$ _____
27	Wellhead Discharge Piping, Valves, Meter and Appurtenances	LS	\$ _____	1	\$ _____
28	Buried Discharge Piping, Valves, and Piping to Existing Main	LS	\$ _____	1	\$ _____
29	Water Main Wet Tapping Valve and Connection	EA	\$ _____	1	\$ _____
30	Flushing Manholes, Piping and Covers	LS	\$ _____	1	\$ _____
31	Electrical and Instrumentation	LS	\$ _____	1	\$ _____
32	Standby Generator and Appurtenances	LS	\$ _____	1	\$ _____
33	Wellhead and All On-Site Instrumentation and Controls	LS	\$ _____	1	\$ _____
34	Chlorination Equipment and Appurtenances	LS	\$ _____	1	\$ _____
35	Chemical and Instrumentation Building including Mechanical Appurtenances	LS	\$ _____	1	\$ _____
36	Yard Piping, Emergency Eyewash Showers, Concrete Vaults and Appurtenances	LS	\$ _____	1	\$ _____
37	Generator Building Cleaning and Restoration	LS	\$ _____	1	\$ _____
38	Trench Resurfacing within Public Right of Way	LS	\$ _____	1	\$ _____
39	Asphalt Concrete Pavement and Concrete Walkways at Well Site and Access Roads	LS	\$ _____	1	\$ _____

Item No.	Description	Unit	Unit Price	Qty	Bid Amount
40	Sitework, Grading and Gravel Surfaces	LS	\$ _____	1	\$ _____
41	Chain Link Fencing and Gates	LS	\$ _____	1	\$ _____
42	Record Drawings, O&M Manuals and Asset Management Data	LS	\$ _____	1	\$ _____
43	Clean Up and Close Out	LS	\$ _____	1	\$ _____
<u>WELL A-12 BID (TOTAL of Items 1 through 43, inclusive)</u>					\$ _____
<i>(Please write out total bid amount in words below)</i>					

Table 4: Rehabilitation of Well D-05

Description of Work:

Work consists of new well construction and development including a conductor casing, sitework, new site water piping, mechanical, electrical and instrumentation improvements, new chlorination system and building, rehabilitation of existing generator building and other related work at Well D-05.

Bidders will complete the work for the following price(s) as broken down per scope item:

Item No.	Description	Unit	Unit Price	Qty	Bid Amount
1	Mobilization and Demobilization	LS	\$ _____	1	\$ _____
2	Traffic Control	LS	\$ _____	1	\$ _____
3	Environmental Mitigation Measures	LS	\$ _____	1	\$ _____
4	Materials Testing and Inspection	LS	\$ _____	1	\$ _____
5	Permits and Fees	LS	\$ _____	1	\$ _____
6	Geotechnical, Surveying and Potholing Services	LS	\$ _____	1	\$ _____
7	Site Demolition and Clearing	LS	\$ _____	1	\$ _____
8	Concrete Well Pedestal and Concrete Apron	LS	\$ _____	1	\$ _____
9	Conductor Casing and Bore Hole	VF	\$ _____	0	\$ _____
10	Reaming Test Bore Hole to Final Well Production Bore Hole Diameter	VF	\$ _____	430	\$ _____
11	Logging of Well Bore Hole	LS	\$ _____	1	\$ _____

Item No.	Description	Unit	Unit Price	Qty	Bid Amount
12	12-Inch Diameter 316L Stainless Steel Blank Well Casing	VF	\$ _____	408	\$ _____
13	12-Inch 316L Stainless Steel Louvered Well Casing	VF	\$ _____	20	\$ _____
14	Gravel Pack	CY	\$ _____	7.0	\$ _____
15	Annular Sanitary Seal with Sand and Bentonite	VF	\$ _____	351	\$ _____
16	Gravel Feed Tube	LS	\$ _____	1	\$ _____
17	Sounding Tubes	LS	\$ _____	1	\$ _____
18	Airlifting and Swabbing	LS	\$ _____	1	\$ _____
19	Setting and Removing Well Development Pump	LS	\$ _____	1	\$ _____
20	Well Development by Pumping and Surging	LS	\$ _____	1	\$ _____
21	Step-Drawdown Test, Constant Rate Pump and Recovery Tests	LS	\$ _____	1	\$ _____
22	Remote Well Monitoring and Instruments	LS	\$ _____	1	\$ _____
23	Water Quality Analysis	LS	\$ _____	1	\$ _____
24	Video Log and Disinfection	LS	\$ _____	1	\$ _____
25	GEPA Well Permits, Final Well Technical Memorandum, and Miscellaneous Well Items	LS	\$ _____	1	\$ _____

Item No.	Description	Unit	Unit Price	Qty	Bid Amount
26	Permanent Submersible Pump, Motor and Equipment	LS	\$ _____	1	\$ _____
27	Wellhead Discharge Piping, Valves, Meter and Appurtenances	LS	\$ _____	1	\$ _____
28	Buried Discharge Piping, Valves, and Piping to Existing Main	LS	\$ _____	1	\$ _____
29	Water Main Wet Tapping Valve and Connection	EA	\$ _____	1	\$ _____
30	Flushing Manholes, Piping and Covers	LS	\$ _____	1	\$ _____
31	Electrical and Instrumentation	LS	\$ _____	1	\$ _____
32	Standby Generator and Appurtenances	LS	\$ _____	1	\$ _____
33	Wellhead and All On-Site Instrumentation and Controls	LS	\$ _____	1	\$ _____
34	Chlorination Equipment and Appurtenances	LS	\$ _____	1	\$ _____
35	Chemical and Instrumentation Building including Mechanical Appurtenances	LS	\$ _____	1	\$ _____
36	Yard Piping, Emergency Eyewash Showers, Concrete Vaults and Appurtenances	LS	\$ _____	1	\$ _____
37	Generator Building Cleaning and Restoration	LS	\$ _____	1	\$ _____
38	Trench Resurfacing within Public Right of Way	LS	\$ _____	1	\$ _____
39	Asphalt Concrete Pavement and Concrete Walkways at Well Site and Access Roads	LS	\$ _____	1	\$ _____

Item No.	Description	Unit	Unit Price	Qty	Bid Amount
40	Sitework, Grading and Gravel Surfaces	LS	\$ _____	1	\$ _____
41	Chain Link Fencing and Gates	LS	\$ _____	1	\$ _____
42	Record Drawings, O&M Manuals and Asset Management Data	LS	\$ _____	1	\$ _____
43	Clean Up and Close Out	LS	\$ _____	1	\$ _____
<u>WELL D-05 BID (TOTAL of Items 1 through 43, inclusive)</u>					\$ _____
<i>(Please write out total bid amount in words below)</i>					

Table 5: Rehabilitation of Well F-03**Description of Work:**

Work consists of new well construction and development including a conductor casing, sitework, new site water piping, mechanical, electrical and instrumentation improvements, new chlorination system and building, rehabilitation of existing generator building and other related work at Well F-03.

Bidders will complete the work for the following price(s) as broken down per scope item:

Item No.	Description	Unit	Unit Price	Qty	Bid Amount
1	Mobilization and Demobilization	LS	\$ _____	1	\$ _____
2	Traffic Control	LS	\$ _____	1	\$ _____
3	Environmental Mitigation Measures	LS	\$ _____	1	\$ _____
4	Materials Testing and Inspection	LS	\$ _____	1	\$ _____
5	Permits and Fees	LS	\$ _____	1	\$ _____
6	Geotechnical, Surveying and Potholing Services	LS	\$ _____	1	\$ _____
7	Site Demolition and Clearing	LS	\$ _____	1	\$ _____
8	Concrete Well Pedestal and Concrete Apron	LS	\$ _____	1	\$ _____
9	Conductor Casing and Bore Hole	VF	\$ _____	0	\$ _____
10	Reaming Test Bore Hole to Final Well Production Bore Hole Diameter	VF	\$ _____	496	\$ _____
11	Logging of Well Bore Hole	LS	\$ _____	1	\$ _____

Item No.	Description	Unit	Unit Price	Qty	Bid Amount
12	12-Inch Diameter 316L Stainless Steel Blank Well Casing	VF	\$ _____	464	\$ _____
13	12-Inch 316L Stainless Steel Louvered Well Casing	VF	\$ _____	30	\$ _____
14	Gravel Pack	CY	\$ _____	11.3	\$ _____
15	Annular Sanitary Seal with Sand and Bentonite	VF	\$ _____	437	\$ _____
16	Gravel Feed Tube	LS	\$ _____	1	\$ _____
17	Sounding Tubes	LS	\$ _____	1	\$ _____
18	Airlifting and Swabbing	LS	\$ _____	1	\$ _____
19	Setting and Removing Well Development Pump	LS	\$ _____	1	\$ _____
20	Well Development by Pumping and Surging	LS	\$ _____	1	\$ _____
21	Step-Drawdown Test, Constant Rate Pump and Recovery Tests	LS	\$ _____	1	\$ _____
22	Remote Well Monitoring and Instruments	LS	\$ _____	1	\$ _____
23	Water Quality Analysis	LS	\$ _____	1	\$ _____
24	Video Log and Disinfection	LS	\$ _____	1	\$ _____
25	GEPA Well Permits, Final Well Technical Memorandum, and Miscellaneous Well Items	LS	\$ _____	1	\$ _____

Item No.	Description	Unit	Unit Price	Qty	Bid Amount
26	Permanent Submersible Pump, Motor and Equipment	LS	\$ _____	1	\$ _____
27	Wellhead Discharge Piping, Valves, Meter and Appurtenances	LS	\$ _____	1	\$ _____
28	Buried Discharge Piping, Valves, and Piping to Existing Main	LS	\$ _____	1	\$ _____
29	Water Main Wet Tapping Valve and Connection	EA	\$ _____	1	\$ _____
30	Flushing Manholes, Piping and Covers	LS	\$ _____	1	\$ _____
31	Electrical and Instrumentation	LS	\$ _____	1	\$ _____
32	Standby Generator and Appurtenances	LS	\$ _____	1	\$ _____
33	Wellhead and All On-Site Instrumentation and Controls	LS	\$ _____	1	\$ _____
34	Chlorination Equipment and Appurtenances	LS	\$ _____	1	\$ _____
35	Chemical and Instrumentation Building including Mechanical Appurtenances	LS	\$ _____	1	\$ _____
36	Yard Piping, Emergency Eyewash Showers, Concrete Vaults and Appurtenances	LS	\$ _____	1	\$ _____
37	Generator Building Cleaning and Restoration	LS	\$ _____	1	\$ _____
38	Trench Resurfacing within Public Right of Way	LS	\$ _____	1	\$ _____
39	Asphalt Concrete Pavement and Concrete Walkways at Well Site and Access Roads	LS	\$ _____	1	\$ _____

Item No.	Description	Unit	Unit Price	Qty	Bid Amount
40	Sitework, Grading and Gravel Surfaces	LS	\$ _____	1	\$ _____
41	Chain Link Fencing and Gates	LS	\$ _____	1	\$ _____
42	Record Drawings, O&M Manuals and Asset Management Data	LS	\$ _____	1	\$ _____
43	Clean Up and Close Out	LS	\$ _____	1	\$ _____
WELL F-03 BID (TOTAL of Items 1 through 43, inclusive)					\$ _____
<i>(Please write out total bid amount in words below)</i>					
\$ _____					

Table 6: All Project Sites

Description of Work:

Work consists of additional gravel pack, grout and sand pumping for new well construction applicable for all sites; and additional Chlorination Equipment Spare Parts per Specification Section 43 32 76 for all sites.

Bidders will complete the work for the following price(s) as broken down per scope item:

Item No.	Description	Unit	Unit Price	Qty	Bid Amount
1	Gravel Pack Allowance	CY	\$ _____	12	\$ _____
2	Annular Sanitary Seal with Sand and Bentonite Allowance (30% of Bid Item 15)	LS	\$ _____	1	\$ _____
3	Sand pumping	LS	\$ _____	1	\$ _____
4	Chlorination Equipment Spare Parts	LS	\$ _____	1	\$ _____
ALL PROJECT SITES BID (TOTAL of Items 1 through 43, inclusive)					\$ _____
<i>(Please write out total bid amount in words below)</i>					

Table 7: Bid Summary

Item No.	Project Site	Bid Type	Description	Bid Amount
1	Well A-02	Additive	New well construction and development	\$ _____
	Well A-07		NIC	\$ _____
2	Well A-12	Base	New well construction and development	\$ _____
3	Well D-05	Additive	New well construction and development	\$ _____
4	Well F-03	Base	New well construction and development	\$ _____
5	All Project Sites	Additive	Allowances and Spare Parts	\$ _____
BASE BID (TOTAL of Item No. 2 and 4, inclusive)				\$ _____
<i>(Please write out total bid amount in words below)</i>				

ADDITIVE BID (TOTAL of Item No. 1, 3 and 5, inclusive)				\$ _____
<i>(Please write out total bid amount in words below)</i>				

BASE BID AND ADDITIVE BIDS (TOTAL Item No. 1 through 5, inclusive)				\$ _____
<i>(Please write out total bid amount in words below)</i>				
