

BIDDER'S REPRESENTATIONS

In submitting this Bid, Bidder represents that:

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

<u>Addendum No.</u>	<u>Addendum Date</u>
<u>1</u>	<u>February 4, 2022</u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>

Bidder has visited the Site and become familiar with and is satisfied as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.

Bidder is familiar with and is satisfied as to all Laws and Regulations that may affect cost, progress, and performance of the Work.

Bidder has carefully studied all: (1) All drawings of physical conditions relating to existing surface or subsurface structures at the Site (except Underground Facilities) that have been identified in SC-4.02 as containing reliable "technical data".

Bidder has considered the information known to Bidder; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and the Site-related reports and drawings identified in the Bidding Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder, including applying the specific means, methods, techniques, sequences, and procedures of construction expressly required by the Bidding Documents; and (3) Bidder's safety precautions and programs.

Based on the information and observations referred to in Paragraph 3.01.E above, Bidder does not consider that further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price(s) bid and within the times required, and in accordance with the other terms and conditions of the Bidding Documents.

Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.

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

1. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance of the Work for which this Bid is submitted.

BIDDER'S CERTIFICATION

Bidder certifies that:

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;

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

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

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:

- “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;
- “fraudulent practice” means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;
- “collusive practice” means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels; and
- “coercive practice” means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

BASIS OF BID

Bidder will complete the Work in accordance with the Contract Documents for the unit prices included in the attached Bid Schedule, Page 00410-15

Unit Prices have been computed in accordance with Paragraph 11.03.B of the General Conditions.

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, determined as provided in the Contract Documents.

TIME OF COMPLETION

Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 14.07 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.

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

ATTACHMENTS TO THIS BID

The following documents are submitted with and made a condition of this Bid:

Required Bid security in the form of a Certified Check or Bank Money Order or Bid Bond;
(Circle One)

BID SUBMITTAL

1 9.01 This Bid is submitted by:

If Bidder is:

An Individual

Name (typed or printed): Alan Lang

By: Alan Lang
(Individual's signature)

Doing business as: Lang Equipment, LLC, dba Lang Drilling

A Partnership

Partnership Name: _____

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

Name (typed or printed): _____

A Corporation

Corporation Name: _____ (SEAL)

State of Incorporation: _____
Type (General Business, Professional, Service, Limited Liability): _____

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

Name (typed or printed): _____

Title: _____
(CORPORATE SEAL)

Attest _____

Date of Qualification to do business in Utah is ____/____/____.

A Joint Venture

Name of Joint Venture: _____

First Joint Venturer Name: _____ (SEAL)

By: _____
(Signature of first joint venture partner -- attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

Second Joint Venturer Name: _____ (SEAL)

By: _____
(Signature of second joint venture partner -- attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

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

Bidder's Business Address 205 S. 1200 W., North Salt Lake, UT 84054 (Physical)
PO Box 27558, Salt Lake City, UT 84127 (Mailing)

Phone No. 801-294-5178 Fax No. 801-294-5218

E-mail alan.lang@langequipment.net, charlene.palmer@langequipment.net

SUBMITTED on February 4, 2021.

State Contractor License No. Water Well License 568.

**BID SCHEDULE AND MEASUREMENT FOR PAYMENT
DRILLING, CONSTRUCTION AND TESTING OF
PROPOSED ASPEN GROVE WELL
FOR
NORTH FORK SPECIAL SERVICE DISTRICT
PUBLIC WATER SYSTEM (PWS) NO. UTAH25109
UTAH COUNTY, UTAH**

Prepared for:

North Fork Special Service District
Attn: Chris Wright – Public Works Director
RR3 P.O. Box B1
Sundance, Utah 84604

Prepared by:

Loughlin Water Associates, LLC
3100 Pinebrook Road, Suite 1100
Park City, Utah 84098
(435) 649-4005
www.LoughlinWater.com

Date: January 19, 2022

1.0 MEASUREMENT FOR PAYMENT

1.1 GENERAL

Appendix A presents the Bid Schedule for the project. Units of measurement are listed in the Bid Schedule. Measurement for payment procedures are provided in Section 1.4 of the Contractor Agreement. The CONTRACTOR will take all measurements and compute all quantities. The ENGINEER will verify measurements and quantities. CONTRACTOR will provide all equipment and workers to assist the ENGINEER in verifying measurements.

All WORK and materials shall be in accordance with the Technical Specifications.

1.2 SCOPE

This section provides a description of the items in the Bid Schedule of these Contract Documents. The quantities of work or material stated in unit price items of the Bid are supplied only to give an indication of the general scope of the WORK; the OWNER does not expressly or by implication agree that the actual amount of work or material will correspond therewith, and reserves the right after award to increase or decrease the quantity of any unit price item of the WORK without a change in the unit price, and shall include the right to delete any Bid item in its entirety. Payment for materials and labor will be based on actual quantities furnished, installed, used, or constructed in accordance with the prices bid for unit price items. Lump sum items will not change to reflect actual quantities or services rendered, unless those items are completely deleted from the project.

The OWNER may terminate WORK on the project at any point if, in the OWNER's judgment, the OWNER's best interests are not served by continuation. In such an event, the CONTRACTOR shall be paid for the value of WORK completed at that time, in accordance with the unit price and lump sum items listed on the Bid Schedule form.

1.3 MOBILIZATION AND DEMOBILIZATION (BID ITEM 1)

Measurement for payment for mobilization and demobilization for the project will be based on completion of the WORK as a lump sum unit. The lump sum price listed on the Bid Schedule form shall be full compensation for the moving in of rigs, pumps, equipment, materials, power, labor, fuel, tools, and water conveyance structures, and incidentals to the project area necessary to do the WORK, and moving out of all such equipment, materials, tools, and incidentals and final site cleanup upon completion of the WORK. For purposes of partial payment, the initial mobilization portion of this bid item shall be considered as 60 percent of the total lump sum.

1.4 DRILL SURFACE CASING BOREHOLE (BID ITEM 2)

Measurement for payment for the drilling surface casing borehole will be based on the actual number of vertical feet of drilling in accordance with these Contract Documents.

Payment for drilling the borehole shall be full compensation for rigs, equipment, fuel, bits, labor, transportation, drilling fluids, conductor casing, temporary casing, materials, waste and water management, and incidentals necessary to drill the borehole in accordance with these Contract Documents.

No payment shall be made to drill for, furnish, install and seal any conductor casing. All such costs shall be included in the cost to drill for, furnish, install and seal the surface casing.

No payment shall be made for temporary casing or drilling fluid materials used during normal drilling operations. All such costs shall be considered subsidiary to the unit prices listed on the Bid Schedule form.

No payment shall be made for time or expenses incurred in the recovery or replacement of tools or equipment lost during the drilling phase or any other phase of the WORK.

No payment shall be made for tests of borehole alignment; it shall be the responsibility of the CONTRACTOR to ensure that the hole remains within plumbness and alignment specifications.

No payment shall be made for time, materials, or labor costs incurred during remedial measures, in the event the well is of unacceptable plumbness and alignment.

No payment shall be made for time, materials, or labor costs incurred in abandoning the well in the event the well is of unacceptable plumbness and alignment following remedial measures, or if lost tools or equipment cannot be recovered from the borehole. No costs incurred for construction of the abandoned well shall be applied to construction of a new production well.

In the event of lost circulation conditions, the CONTRACTOR shall contact the ENGINEER for direction prior to the use of lost circulation materials. If after working 8 hours to re-establish circulation, and no additional footage is gained then additional work to regain circulation shall be at the hourly rig time rate, as listed on the Bid Schedule form, if approved in advance by the ENGINEER. Lost circulation materials and drilling fluids used in attempting to restore circulation shall be paid at invoice cost plus 15 percent for handling. Note: Lost circulation is defined as a complete loss of circulation with no return of drilling fluids to the surface and no advancement in drilling depth. No payment for footage drilled shall be made during the period for which hourly payment is made.

If approved in advance by the ENGINEER, the CONTRACTOR may cement the lost circulation interval, taking care not to cement beyond the lost circulation interval as directed by the ENGINEER. Payment for such cementing operations will be for the cement materials (at invoice cost plus 15 percent for handling, including commercial preparation and delivery, if applicable), rig time for placement of the cement, and to re-drill the cemented interval. No payment will be made for standby time waiting for cement to arrive from a concrete vendor. Payment shall be made for waiting for the cement to cure (harden) in the borehole at the hourly standby time rate, as listed on the Bid Schedule form. No payment shall be made for footage drilled during the period used to regain drilling fluid circulation by cementing operations.

In the event of unstable borehole conditions, the CONTRACTOR shall contact the ENGINEER if there is no advancement of drilling depth. If after working 8 hours to advance the depth of the borehole and no additional footage is gained then additional work to advance the depth of the borehole shall be at the hourly rig time rate, as listed on the Bid Schedule form, if approved in advance by the ENGINEER. No payment for footage drilled shall be made during the period for which hourly payment is made.

If approved in advance by the ENGINEER, the CONTRACTOR may cement the unstable interval of the borehole, taking care not to cement beyond the unstable interval as directed

by the ENGINEER. Payment for such cementing operations will be for the cement materials (at invoice cost plus 15 percent for handling, including commercial preparation and delivery, if applicable), rig time for placement of the cement, and to re-drill the cemented interval. No payment will be made for standby time waiting for cement to arrive from a concrete vendor. Payment shall be made for waiting for the cement to cure (harden) in the borehole at the hourly standby time rate, as listed on the Bid Schedule form. No payment shall be made for footage drilled during the period used to regain drilling fluid circulation by cementing operations.

1.5 FURNISH AND INSTALL SURFACE CASING (BID ITEM 3)

Measurement for payment for furnishing and installing surface casing will be based on the number of linear feet of such materials actually installed in the borehole in accordance with these Contract Documents.

Payment for furnishing and installing the casing shall constitute full compensation for materials, supplies, consumables, transportation, labor, fuel, equipment, waste and water management, threading, fittings, welding materials, taxes and incidentals necessary to furnish and install the casing.

No payment shall be made for tests of borehole alignment; it shall be the responsibility of the CONTRACTOR to ensure that the hole and casing remain within plumbness and alignment specifications.

1.6 FURNISH AND INSTALL WELL SEAL FOR SURFACE CASING (BID ITEM 4)

Measurement for payment for furnishing and installing the certified cement grout well seal for the surface casing will be based on the number of cubic feet of such materials actually installed in the borehole in accordance with these Contract Documents.

Payment for furnishing and installing the well seal shall constitute full compensation for furnishing all tools, rigs, equipment, waste and water management, labor, materials, cement, taxes and incidentals necessary to construct the cement grout well seal at the specified location in accordance with the Contract Documents.

No payment shall be made for time waiting for cement to cure (harden) or bentonite to swell or set up; this time shall be included in the price bid to furnish and install the well seal.

1.7 DRILL PRODUCTION BOREHOLE (BID ITEM 5)

Measurement for payment for the drilling production borehole will be based on the actual number of vertical feet of drilling in accordance with these Contract Documents.

Payment for drilling the borehole shall be full compensation for rigs, equipment, fuel, bits, labor, transportation, drilling fluids, temporary casing, materials, waste and water management, and incidentals necessary to drill the borehole in accordance with these Contract Documents.

No payment shall be made for temporary casing or drilling fluid materials used during normal drilling operations. All such costs shall be considered subsidiary to the unit prices listed on the Bid Schedule form.

No payment shall be made for time or expenses incurred in the recovery or replacement of tools or equipment lost during the drilling phase or any other phase of the WORK.

No payment shall be made for tests of borehole alignment; it shall be the responsibility of the CONTRACTOR to ensure that the hole remains within plumbness and alignment specifications.

No payment shall be made for time, materials, or labor costs incurred during remedial measures, in the event the well is of unacceptable plumbness and alignment.

No payment shall be made for time, materials, or labor costs incurred in abandoning the well in the event the well is of unacceptable plumbness and alignment following remedial measures, or if lost tools or equipment cannot be recovered from the borehole. No costs incurred for construction of the abandoned well shall be applied to construction of a new production well.

In the event of lost circulation conditions, the CONTRACTOR shall contact the ENGINEER for direction prior to the use of lost circulation materials. If after working 8 hours to re-establish circulation, and no additional footage is gained then additional work to regain circulation shall be at the hourly rig time rate, as listed on the Bid Schedule form, if approved in advance by the ENGINEER. Lost circulation materials and drilling fluids used in attempting to restore circulation shall be paid at invoice cost plus 15 percent for handling. Note: Lost circulation is defined as a complete loss of circulation with no return of drilling fluids to the surface and no advancement in drilling depth. No payment for footage drilled shall be made during the period for which hourly payment is made.

If approved in advance by the ENGINEER, the CONTRACTOR may cement the lost circulation interval, taking care not to cement beyond the lost circulation interval as directed by the ENGINEER. Payment for such cementing operations will be for the cement materials (at invoice cost plus 15 percent for handling, including commercial preparation and delivery, if applicable), rig time for placement of the cement, and to re-drill the cemented interval. No payment will be made for standby time waiting for cement to arrive from a concrete vendor. Payment shall be made for waiting for the cement to cure (harden) in the borehole at the hourly standby time rate, as listed on the Bid Schedule form. No payment shall be made for footage drilled during the period used to regain drilling fluid circulation by cementing operations.

In the event of unstable borehole conditions, the CONTRACTOR shall contact the ENGINEER if there is no advancement of drilling depth. If after working 8 hours to advance the depth of the borehole and no additional footage is gained then additional work to advance the depth of the borehole shall be at the hourly rig time rate, as listed on the Bid Schedule form, if approved in advance by the ENGINEER. No payment for footage drilled shall be made during the period for which hourly payment is made.

If approved in advance by the ENGINEER, the CONTRACTOR may cement the unstable interval of the borehole, taking care not to cement beyond the unstable interval as directed by the ENGINEER. Payment for such cementing operations will be for the cement materials (at invoice cost plus 15 percent for handling, including commercial preparation and delivery, if applicable), rig time for placement of the cement, and to re-drill the cemented interval. No payment will be made for standby time waiting for cement to arrive from a concrete vendor. Payment shall be made for waiting for the cement to cure (harden) in the borehole at the hourly standby time rate, as listed on the Bid Schedule form. No payment shall be made for

footage drilled during the period used to regain drilling fluid circulation by cementing operations.

1.8 GEOPHYSICAL LOGGING OF BOREHOLE (BID ITEM 6)

Measurement for payment for the geophysical logging of the borehole shall be based on a footage rate for the depth of hole logged. The footage rate listed on the Bid Schedule form shall be full compensation for the moving in and moving out of geophysical equipment, set-up, logging runs, professional services, providing copies of logs, subsistence and incidentals, and all costs for the CONTRACTOR to aid the geophysical logging, rig-time and standby time.

1.9 FURNISH AND INSTALL PRODUCTION CASING (BID ITEM 7)

Measurement for payment for furnishing and installing production casing will be based on the number of linear feet of such materials actually installed in the borehole in accordance with these Contract Documents.

Payment for furnishing and installing the casing shall constitute full compensation for materials, supplies, consumables, transportation, labor, fuel, equipment, waste and water management, threading, fittings, welding materials, taxes and incidentals necessary to furnish and install the casing.

No payment shall be made for tests of borehole alignment; it shall be the responsibility of the CONTRACTOR to ensure that the hole and casing remain within plumbness and alignment specifications.

1.10 FURNISH AND INSTALL WELL SCREEN (BID ITEM 8)

Measurement for payment for furnishing and installing the well screen will be based on the number of linear feet of such materials actually installed in the borehole in accordance with these Contract Documents.

Payment for furnishing and installing the well screen shall constitute full compensation for materials, supplies, consumables, transportation, labor, fuel, equipment, waste and water management, threading, fittings, welding materials, taxes and incidentals necessary to furnish and install the well screen.

No separate payment shall be made for placement of a well bottom cap; this item shall be included in the price bid to furnish and install the well screen.

No payment shall be made for tests of borehole alignment; it shall be the responsibility of the CONTRACTOR to ensure that the hole and casing remain within plumbness and alignment specifications.

1.11 FURNISH AND INSTALL GRAVEL PACK AND BENTONITE PLUGS (BID ITEM 9)

Measurement for payment for furnishing and installing the gravel pack and bentonite plugs will be based on the number of cubic feet of such materials actually installed in the borehole in accordance with these Contract Documents.

Payment for furnishing and installing the gravel pack and bentonite plugs shall constitute full compensation for furnishing all tools, rigs, equipment, waste and water management,

labor, materials, taxes and incidentals necessary to install the gravel pack and bentonite plugs at the specified location in accordance with the Contract Documents.

No payment shall be made for time waiting for bentonite to swell; this time shall be included in the price bid to furnish and install the gravel pack and bentonite plugs.

1.12 FURNISH AND INSTALL WELL SEAL FOR PRODUCTION CASING (BID ITEM 10)

Measurement for payment for furnishing and installing the certified cement grout well seal for the production casing will be based on the number of cubic feet of such materials actually installed in the borehole in accordance with these Contract Documents.

Payment for furnishing and installing the well seal shall constitute full compensation for furnishing all tools, rigs, equipment, waste and water management, labor, materials, cement, taxes and incidentals necessary to construct the cement grout well seal at the specified location in accordance with the Contract Documents.

No payment shall be made for time waiting for cement to cure (harden) or bentonite to swell or set up; this time shall be included in the price bid to furnish and install the well seal.

1.13 WELL DEVELOPMENT WITH DRILL RIG (BID ITEM 11)

Measurement for payment for well development with the drill rig will be based on the actual number of hours of development operations in accordance with these Contract Documents. Payment will be made at the unit price listed in the Bid Schedule form.

No payment shall be made for equipment acquisition, setup, or installation, or for recovery periods required by the ENGINEER to ensure thorough well development.

No payment shall be made for installation of the development water conveyance structures. No payment shall be made for management of drill cuttings, drilling fluids and produced water.

Payment for chemicals as may be required by the ENGINEER to ensure thorough well development shall be reimbursed for the cost of the chemicals actually used at invoice cost plus 15 percent for handling.

1.14 FURNISH, INSTALL AND REMOVE TEST PUMPING EQUIPMENT (BID ITEM 12)

Measurement for payment for furnishing, installing, and removing the test pump and related equipment will be based upon completion of the entire WORK as a lump sum unit, all in accordance with the requirements of these Contract Documents.

Payment for furnishing, installing, and removing the test pump and equipment will be made at the lump sum price listed on the Bid Schedule form, which price shall constitute full compensation for all work, including installation and removal of cable, controls, valves, generator, air-line, orifices, temporary piping, and associated appurtenances.

No payment shall be made for time spent transporting or maintaining equipment. All such costs for time and maintenance materials shall be considered subsidiary to the unit price listed on the Bid Schedule form.

No payment shall be made for installation of water conveyance structures. No payment shall be made for management of drill cuttings, drilling fluids and produced water.

1.15 DEVELOPMENT PUMPING AND TEST PUMPING (BID ITEM 13)

Measurement for payment for development and test pumping will be based on the actual number of hours of pumping operations in accordance with these Contract Documents. Payment will be made at the unit price listed on the Bid Schedule form.

No payment shall be made for standby time during the recovery periods between tests or following the tests.

No payment shall be made for time spent transporting or maintaining equipment. All such costs for time and maintenance materials shall be considered subsidiary to the unit price listed on the Bid Schedule form.

No payment shall be made for installation of water conveyance structures. No payment shall be made for management of drill cuttings, drilling fluids and produced water.

No payment shall be made for time, equipment, or materials used in a test aborted due to power failure or malfunction of pumping equipment.

1.16 OPTIONAL: DOWNHOLE VIDEO CAMERA INSPECTION (BID ITEM 14)

Measurement for payment for inspecting the well with a downhole video camera shall be based on the number of linear feet of the well logged in accordance with these Contract Documents. Payment at the linear rate listed on the Bid Schedule form shall be full compensation for the moving in and moving out of logging equipment, set-up, logging runs, professional services, providing copies of logs, subsistence and incidentals, and all costs for the CONTRACTOR to aid the video logging, rig-time and standby time.

1.17 DISINFECT WELL (BID ITEM 15)

Measurement for payment for disinfecting the well will be based on completion of the entire WORK as a lump sum unit, all in accordance with the requirements of these Contract Documents. Payment for furnishing, operating, and removing disinfection equipment and supplies will be made at the lump sum price listed on the Bid Schedule form, which price shall constitute full compensation for all work.

1.18 STANDBY TIME (BID ITEM 16)

Measurement for payment for standby time will be based on the actual number of hours required by the ENGINEER for such delays during the course of the project, and will be made at the unit price listed on the Bid Schedule form, but will not include waiting on cement to cure after cementing the casings in place, recovery periods between pumping tests, delays required for acquisition of materials, or other time that is part of the work specified herein. All standby time must be pre-approved by the ENGINEER.

1.19 RIG TIME/ADDITIONAL WORK (BID ITEM 17)

Payment for rig time for other miscellaneous work as directed by the ENGINEER not otherwise covered in these Contract Documents will be based on the actual number of hours of additional work done and shall be full compensation for rigs, fuel, labor, equipment, waste

and water management, and materials normally associated with CONTRACTOR'S additional work activities. All additional rig time must be pre-approved by the ENGINEER.

1.20 *OPTIONAL: PLUG AND ABANDON BOREHOLE (BID ITEM 18)*

Measurement for payment for plugging and abandoning the borehole will be based on the number of cubic feet of such materials actually installed in the borehole in accordance with these Contract Documents.

Payment for plugging and abandoning the borehole shall constitute full compensation for furnishing all tools, rigs, equipment, waste and water management, labor, materials, cement, taxes and incidentals necessary to properly plug and abandon the borehole in accordance with the Contract Documents.

1.21 *ADDITIONAL MATERIALS*

Payment for the cost of additional materials utilized for additional activities requested by the ENGINEER that are not covered by these specifications shall be cost plus fifteen percent (15%).

BID SCHEDULE

Item No.	Description	Estimated Quantity	Unit	Unit Price	Amount
1	Mobilization and Demobilization	1	Lump Sum	\$ 167,000.00	\$ 167,000.00
2	Drill Minimum 18-Inch Diameter Surface Casing Borehole	120	Linear Feet	\$ 370.00	\$ 44,400.00
3	Furnish and Install Minimum 14-Inch Diameter Surface Casing	120	Linear Feet	\$ 170.00	\$ 20,400.00
4	Furnish and Install Certified Cement Grout Well Seal for Surface Casing	110	Cubic Feet*	\$ 83.00	\$ 9,130.00
5	Drill Minimum 12.25-Inch Diameter Production Borehole	885	Linear Feet	\$ 280.00	\$ 247,800.00
6	Geophysical Logging of Production Borehole	1005	Linear Feet	\$ 12.00	\$ 12,060.00
7	Furnish and Install Nominal 8-Inch Diameter Steel Production Casing	702	Linear Feet	\$ 78.00	\$ 54,756.00
8	Furnish and Install Nominal 8-Inch Diameter Louvered Well Screen	300	Linear Feet	\$ 106.00	\$ 31,800.00
9	Furnish and Install Filter Pack and Bentonite Plugs	460	Cubic Feet*	\$ 80.00	\$ 36,800.00
10	Furnish and Install Cement Grout Well Seal for Production Casing	90	Cubic Feet*	\$ 83.00	\$ 7,470.00
11	Well Development with Drill Rig	80	Hours	\$ 600.00	\$ 48,000.00
12	Furnish, Install and Remove Test Pumping Equipment	1	Lump Sum	\$ 35,000.00	\$ 35,000.00
13	Development Pumping and Test Pumping	72	Hours	\$ 375.00	\$ 27,000.00
14	<i>OPTIONAL: Downhole Video Camera Inspection</i>	1000	Linear Feet	\$ 7.00	\$ 7,000.00
15	Disinfect Well	1	Lump Sum	\$ 5,300.00	\$ 5,300.00
16	Standby Time	8	Hours	\$ 500.00	\$ 4,000.00
17	Rig Time/Additional Work	8	Hours	\$ 600.00	\$ 4,800.00
18	<i>OPTIONAL: Plug and Abandon Borehole</i>	1	Cubic Feet	\$ 83.00	Do not include in Total
Total (Bid Items 1 to 17)					\$ 762,716.00

*Assumes 25% over-run.

The Work will begin within 30 calendar days after the date of the Notice to Proceed issued by the OWNER.

Bidder: Lang Equipment, LLC, dba Lang Drilling (print company name)

Bidder's Signature: _____

Alan Lang

