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October 14, 2016

RE: Lease #409161 – Drill, case and complete water well using a 5 inch Schedule 40 "U.S." PVC casing; E/2SE/4 Sec. 20-1N-20ECM; Beaver County

Dear Vendor,

A Soil Conservation Project Request/Bid Solicitation Form is enclosed for the above-referenced project located on Commissioners of the Land Office property. All bids received will be evaluated on a "**Lowest Responsible**" bid. Bids must be returned to the office in Oklahoma City on or before **November 10, 2016 by 2:00** p.m., to be considered for this project. Bids received after the time and date indicated or incomplete bid forms will not be considered.

If you are interested in being considered for this project, complete the enclosed Project Request/Bid Solicitation Form. You must fill in the Units, Unit Price, Totals and Project Totals fields on the form. Incomplete forms will not be considered.

If you are selected as "Lowest Responsible" bidder; current general liability insurance information along with worker's comp or insurance document showing an exemption from workers compensation will be required.

The project will be considered complete after the supervising Real Estate Management Specialist certifies the specifications of the enclosed bid have been met.

If you are not interested in being considered for this project, please return the form with "No Bid" written on it. This will indicate that you do not wish to bid at this time but may like to bid on future projects.

If you have any questions about this project contact me at 405-521-4149. Be sure to check our website at www.clo.ok.gov for questions and answers that arise during the bidding of this project.

Sincerely,

Tonja DeFatta

Tonja DeFatta, CPO
Real Estate Management Division
tonja.defatta@clo.ok.gov

COMMISSIONERS OF THE LAND OFFICE
SOIL CONSERVATION PROJECT REQUEST/BID SOLICITATION

LESSEE: *Casey Trent Conwan* DATE: *10/12/2016*
LEASE NO: *409161* COUNTY: *Beaver*
LEASE TERM: *1/1/2016 – 12/31/2020*
LEGAL: *E/2SE/4 Sec 20-T1N-R20ECM*
DIRECTIONS TO JOB SITE: *From Bryan's Corner, 5 miles West and 5.5 miles South to NE corner of property.*
SUPERVISING REMS *Tom Eike, (580) 256-1679*

ITEM OR PRACTICE (REM ONLY)	CODE	UNITS	UNIT PRICE	TOTALS
DRILL AND CASE WATER WELL	*642*	*275'*		
TEST HOLE FOR WATER WELL (IF NECESSARY)	*355*	*275'*		
BACKHOE CHARGE (MAXIMUM 2 HRS)	*642*	*2 HRS*		
⇨ **JOB TOTAL** ⇨	⇨			

***Please write "NO BID in the "TOTALS" column if you do not wish to bid, sign and return the bid form to the OKC office.**

Project Specifications: Quantities are estimated and payment will be made on the basis bid per unit times the actual measurements made by the RMS. Failure to abide the unit bid will result in no consideration of final bid. See attached specifications.

Bid according to units provided above. If you should choose to give a flat rate instead of bidding by unit price, CLO will not be able to adjust the cost up or down if actual units should change. In accordance with Oklahoma law, the CLO cannot pay for mileage. The vendor should include travel and all associated expenses in the total acquisition price. Do not quote travel and any associated expense separately on the bid request form.

REQUESTED COMPLETION DATE: WITHIN 90 DAYS OF RECEIPT OF CONTRACT

Tom Eike

REMS_____ **Date** 10/12/2016

VENDOR ONLY:

1. The undersigned, being familiar with the local conditions affecting the cost of the work, with the Solicitation for Bids and in accordance with the provisions thereof, hereby proposes to furnish all labor, materials and equipment necessary for the sums listed herein.
2. By submitting a bid for services, the bidder certifies that they, and any proposed subcontractors, are in compliance with 25 O. S. §1313 and participate in The Status Verification System. The Status Verification System is defined in 25 O. S. §1312 and includes but is not limited to the free Employment Verification Program (E-Verify) available at www.dhs.gov/E-Verify.
3. The bidder also certifies that they are in compliance with the State of Oklahoma Governor's Executive Order 2012-01, filed February 6, 2012 and effective July 1, 2012, that the use of any tobacco product shall be prohibited on any and all properties owned, leased or contracted for use by the State of Oklahoma, including but not limited to all buildings, land and vehicles owned, leased or contracted for use by agencies or instrumentalities of the State of Oklahoma.
4. In submitting the bid, it is agreed that this bid may not be withdrawn for a period of thirty (30) days after the date bids are due. Work is to start within ten (10) days of notification to proceed by CLO.

Company/Business name_____ **Vendor signature** _____**Date**_____

----------**FOR OFFICE USE ONLY**----------

Work completed in last five years: Click here to enter text. None

Floyd Evans 10/13/2016

Conservationist Date Dir., REM Division Date

All bidders must be licensed by the Oklahoma Water Resources Board (OWRB). Contractor must meet or exceed all OWRB specifications for drilling and plugging water wells and, in addition, adhere to the following specifications.

WATER WELL TECHNICAL SPECIFICATIONS

DRILLING RIG:
A rotary type drilling rig shall be used to drill well. Rig must be of adequate size with the capability of drilling well to the required specifications.

WELL LOCATION:
Well to be drilled or plugged will be on land held in trust by the Commissioners of the Land Office (CLO).

Contractor will work with the Supervising Real Estate Management Specialist (RMS) to determine the well site. RMS will ultimately be responsible for determining the well site. Contractor is responsible for recording the approximate locations for test holes and completed wells on a legible well log to be submitted to the CLO office.

DRY OR TEST HOLES:
Dry holes, or test holes, will be paid at the rate of (price bid for Test Holes) per foot. Limit of 2 test holes per location. The test hole diameter and estimated depth for each test hole is to be determined by the contractor based upon well site geology and contractor's knowledge of the area. Supervising RMS must approve, in writing, test hole diameter, estimated depth and number of test holes allowed for the site before test holes can be drilled. All dry holes and test holes must be properly plugged according to Oklahoma Water Resources Board (OWRB) specifications.

PILOT HOLE:
The Contractor may drill a pilot hole at his option. CLO will not pay for pilot holes.

WELL BORE HOLE:
Contractor shall properly circulate drilling fluids **during drilling and in the completed well bore** to remove all drill cuttings before installing the well casing. The well bore shall be sufficiently straight and plumb to allow for placement of casing. Before gravel packing, casing should turn easily when suspended approximately 2 feet off bottom of bore hole. If well bore is not straight and cannot be corrected, the Contractor shall drill a new well at his own expense as close to the designated well site as is possible.

WELL CASING:
Well casing shall be PVC casing pipe and couplings, minimum inside diameter of **5** inches, and must meet or exceed OWRB specifications and standards for PVC casing. Pipe may be threaded or plain ended. All pipe and PVC cements used must meet or exceed OWRB standards and specifications. Factory perforated casing or casing perforated on site may be used. Perforated casing shall be placed at proper depths to maximize water production. The width of casing perforations shall be determined by the contractor to match the gravel pack used and water bearing formations. Casing bottom shall be capped and placed upon a gravel bed of at least 24 inches.

GRAVEL OR FILTER PACK:
The gravel or filter pack must be clean, well rounded grains of uniform size. Grains must be well sorted to assure good porosity and hydraulic conductivity. Gravel must consist mostly of silicious grains. No more than 5% of calcareous material will be allowed. Size of the gravel pack is to be chosen by Contractor based upon his knowledge of the area and the formations from which water is to be drawn. Gravel must meet the approval of the Supervising RMS. The capped casing bottom shall be placed on a bed of gravel of at least 24 inches. Gravel pack should be placed around casing in an amount that will maximize water production, but not allow for any cross-contamination between water zones or between the surface and water producing zones. Drilling fluids shall be circulated in the well bore during gravel packing. Exceptions to specified gravel pack must be approved, in writing, by RMS. Contractor will report method and amount of gravel pack used on the log.

WELL CEMENT OR GROUTTNG:
Casing is to be grouted, with the proper cement, according to OWRB specifications. A concrete pad, dimensions 4' x 4' x 4" thick, shall be placed around the completed casing. Top of the concrete pad must slope away from casing in all directions. If RMS decides pad is not needed, it can be deleted from specifications.

WELL COMPLETION:
Gravel packed well is to be bailed or pumped until water being bailed is clear of mud and sand. Completed well must meet or exceed OWRB standards and specifications for domestic water wells.

The completed well shall be guaranteed sand free for a period of not less than two years.

Contractor is to submit invoice and a detailed well log to the Supervising RMS after the well is completed. The log should contain a description of formations encountered, the approximate location of the well, and date drilled. This information is required for payment processing. Contractor's company name and OWRB license number should be printed or typed on each well log.

PLUGGING OLD WELL:
Wells must be plugged in a manner which meets or exceeds OWRB standards and specifications. Contractor should remove old casing where possible.

Contractor is to submit invoice with information as to the approximate location, depth of the well plugged, date plugged, and material used to plug well to the supervising RMS for payment processing.

Quantities are estimated and payment will be made on the basis bid per unit times the actual measurements made by RMS.