

PROJECT INFORMATION SHEET

Request for Proposal
for
Phases 3, 4 and 5
at
Lea County Electric Coop
N US Hwy 82/ N NM Hwy 206
Lovington, New Mexico

Facility #: 29060

Release ID #: 4435

The New Mexico Environment Department (Department) requests that qualified firms submit a proposal, with costs, for performance of Phase 3, 4 and 5 activities consisting of preparation of a conceptual and final remediation plan, implementation of the remediation strategy, remediation system operation and maintenance, groundwater monitoring, and reporting. Additional investigation and non-aqueous-phase-liquid (NAPL) removal may be required during the preparation and implementation of the remediation plan. Proposals, including any figures, must total no more than fifteen (15) pages. The remediation of soil and ground water contamination and NAPL must be performed in accordance with the requirements of the New Mexico Petroleum Storage Tank Regulations, 20.5.12 NMAC. Major remediation equipment, as defined in 20.5.17.7.B.6 NMAC, may be procured for this site.

All proposed work must be performed in accordance with the requirements of the New Mexico Petroleum Storage Tank Regulations, 20.5 NMAC. A proposal will be deemed non-responsive and will be dropped from further evaluation if it does not include a copy of the proposer's New Mexico Construction Industries Division (CID) GS-29 Soil and Groundwater Remediation license in the exact name of the proposer, documentation that the proposer is in compliance with regulations (16.39 NMAC) governing professional engineering practice in New Mexico, a Statement of Qualifications for your firm's authorized representative and engineer, and the notarized anti-collusion affidavit required in accordance with 20.5.17.301.C.2 NMAC. Additional requirements are included in the attached Proposal Specification Package. Engineered drawings shall not be submitted in the conceptual remediation plan as part of the proposal pursuant to 20.5.12.1227.C (1) & (2) NMAC.

Site Information:

In 1997 a release was reported to the Groundwater Bureau. An estimated 14,000 gallons of gasoline were reported to be lost between January 1, 1997 and April 3, 1997 at the Lea County Electric Coop facility. Between 2001 and 2002 a total of eight groundwater monitoring wells were installed at the site to investigate any impact on the ground water and soils associated with the facility. Ground water monitoring was also conducted during that same time period. No further activities were conducted until 2002 when NMED Regulations changed the jurisdiction over ASTs. In December 2005 a workplan was submitted and approved for conducting a site and file review and four quarters of ground water monitoring. Ground water depths on site currently range from 77-82' below grade surface. NAPL has also been present consistently in

several monitoring wells and in two industrial wells located on site. A workplan, dated September 19, 2006 was submitted and approved for a NAPL bail down test. NAPL bail down test activities were completed during February 2007. During a July 2007 site visit (by PSTB) it was discovered that the site had four ASTs (size unknown) rather than the two reported ASTs in recent documentation. Two of the tanks contained diesel and the other two contained gasoline. The tanks are no longer located at the site.

The following information is available for review and copying at Alpha-Omega Printing, Inc.

- Laboratory Results dated from April 7, 1997 through May 2, 2002
- Drilling and Monitor Well Logs (Rhino Environmental Services, Inc.), dated April 20, 2001 and April 11, 2002
- PSTB - Initial Incident Report, dated 11/23/04
- 14-Day Report (as an attachment) and four Quarterly Monitoring Reports, dated March 15, 2006 thru November 15, 2006
- Bail Down Test Results and Interpretation, dated February 22, 2007

Please contact Denise Rawdon at Alpha-Omega Printing, Inc. at (505) 624-2700 to make arrangements to copy the Lea County Electric Coop files.

The Department requests the submittal of proposals including costs. Separate costs must be provided for each of the following items:

- Phase 3 activities (3 cost items)
 - Design and performance of a pilot test that includes the installation of a soil vapor extraction (SVE) well to be located in the suspected release area and connected to a blower along with appropriate effluent treatment.
 - Pilot test report.
 - Installation of a down gradient sentinel well located between the known groundwater contamination plume and an “at risk” irrigation well located southeast of the site.
- Phase 3, 4, and 5 activities (2 cost items)
 - Design and implementation of a six (6) well SVE system that includes the SVE well installed for the SVE pilot testing. For purposes of this RFP, the SVE system design should be based on the following assumptions:
 - assume a source area remediation strategy;
 - assume that the source area target for remediation is the elliptical shaped area of NAPL depicted in plan view in the 11/15/06 ground water monitoring report;
 - assume that the SVE system will be sufficient to remove all NAPL;
 - assume that six (6) properly constructed and placed SVE wells will be compatible with the requested cleanup timeframe;

- assume that SVE well placement will not be restricted or otherwise hindered by subsurface structures or utilities;
 - assume a design for the remainder of the SVE system and its components that is sufficient to achieve removal of all NAPL within 18 months of system startup;
 - assume a design for the remainder of the SVE system and its components that is sufficient to move the site to monitored natural attenuation (MNA) status within 3 years of system startup; and
 - assume that MNA can commence once 100 ppb benzene has been achieved in all monitoring wells.
- One (1) year of SVE system operation and maintenance, and appropriate ground water monitoring (for purposes of this RFP do not include any cost for utilities).

Responders recommending additional work beyond the scope of this request for proposals must provide separate costs by task for those additional activities. The Department may consider proposals with documented site-specific data that justifies the proposed additional work as a more technically meritorious response.

The following items should be listed as attachments to your proposal and are exempt from the page limitation requirements of your proposal:

- The Statements of Qualification for your firm's authorized representative and engineer.
- The notarized anti-collusion statement.
- A copy of the proposer's CID GS-29 Soil and Groundwater Remediation license.
- Documentation to show that the proposer is in compliance with 16.39 NMAC, governing professional engineering practice.
- Example health and safety plan.
- Required SOPs.
- Quality Assurance / Quality Control information.

COSTS SHALL BE SUBMITTED WITH THE PROPOSAL IN A SEPARATE ENVELOPE MARKED WITH YOUR FIRM'S NAME, THE SITE NAME AND "PROPOSAL COSTS".

The attached documents detailing proposal specifications must also be followed.

The owner/operator is:

Mr. Darrel Eubanks
Lea County Electric Coop
P.O. Box 1447
Lovington, NM 88260
(505) 396-3631

Four copies of each respondent's proposal are required. Please send three copies of the proposal with associated costs to the Department at the following address:

New Mexico Environment Department
Petroleum Storage Tank Bureau
1914 W. Second Street
Roswell, New Mexico 88203
Attn: D. Renee Romero

One copy of the proposal should be sent to the owner/operator.

Proposals must be received in an envelope marked "Sealed Bid" at the Petroleum Storage Tank Bureau by 4:00 PM Mountain Daylight Savings Time, Thursday, November 1, 2007.