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General Information

Document Type: Sources Sought

Solicitation Number: EP2015-CR-001
Title: Chromium Remediation Injection Wells

Response Date: May 5, 2015

Classification Code: 99
Set Aside: NA
NAICS: 237110 and 562910

Is this a Recovery Act project? No

Contracting Office Address

Department of Energy, Los Alamos National Laboratory (DOE Contractor), PO Box 1663 MS M992, Los Alamos, NM 87545.

Description: Los Alamos National Laboratory (LANL) is seeking to: 1) Identify potential Offerors for the drilling services described in the attached summary (dated 04/13/2015); 2) Select companies to receive a request for proposal; 3) Determine the feasibility of making the procurement a full or partial Small Business Set-aside.

Submit company information, a summary of relevant experience, a description of equipment and key subcontractors that would be used, and TRC/DART statistics. Proficiency in both drilling methods is not necessary to submit an RFI as we may choose to make separate awards. Limit submittal to 20 pages.

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Chromium Remediation Injection Wells Summary

1.0 PROJECT OBJECTIVE AND PURPOSE

The objective of this project is to drill and install six (6) groundwater wells with injection plumbing systems and pumps in at Los Alamos National Laboratory (see attached figure). These wells will become part of a groundwater pump-and-treat system being installed to hydraulically control a chromium-contamination plume in the regional aquifer. The goal is to have the subcontract awarded by August 30, 2015, conduct readiness activities in September 2015, and mobilize to the site and begin drilling in October 2015.

The subcontractor is expected to contribute to the foregoing objectives by executing this scope of work in the safest manner possible while ensuring project milestones are met. In addition to the requisite drill crew, the subcontractor will provide a field geologist/engineer for each shift at every active well site. The field geologist/engineer will be responsible for documenting field activities, consumables, measurements, and other pertinent information such as abnormal events.

2.0 SCOPE OF WORK

Three of the wells will be vertical and three will be angled at up to 23 degrees from vertical. All wells have a total depth in the range of approximately 1100 for the vertical wells to 1300 ft (length) for the angled wells. For the angle wells, intersection with the top of the regional aquifer will be within a 50-ft diameter target. Either directional drilling or inclination surveys will be required to ensure the target is intersected at the top of the aquifer.

Screens and casing will be 8-in in diameter and will be constructed of beveled A304 stainless steel to be welded. Well steel and screens will be provided by the subcontractor. Each well will be equipped with an injection system with pumps and piping. Each well must be capable of taking treated groundwater at the rate of approximately 75 gallons per minute. Aquifer testing will be conducted on each completed and developed well before the injection system and pump are installed.

All work shall be performed by a subcontractor with a valid license to drill wells in New Mexico and in accordance with New Mexico Office of the State Engineer (NMOSE) regulations (19.27.4 New Mexico Administrative Code).

3.0 BIDDER'S EXPERIENCE

The subcontractor must demonstrate relevant corporate experience drilling similar vertical and/or angle boreholes and constructing injection wells in similar geologic environments as well as installing and starting up similar injection systems. The lead driller on the project is expected to possess a minimum of 5 yr of relevant drilling experience installing vertical and angled wells.