

CH2M HILL

Plateau Remediation Company

PO Box 1600

Richland, WA

99352



March 29, 2017

CHPRC-JMR-17-001

Dear Interested Parties:

### **REQUEST FOR EXPRESSIONS OF INTEREST – MASW SURVEY SERVICES**

CH2M HILL Plateau Remediation Company, LLC (CHPRC) as a prime contractor to the U.S. Department of Energy is issuing this Request for Expression of Interest (EOI) as a means of conducting market research to identify parties having an interest in and the resources to provide Multi-Channel Analysis of Surface Waves (MASW) survey services.

Interested firms must submit an expression of interest letter with qualification and experience statements to include a response to the following:

The U.S. Department of Energy (DOE) is engaged in the world's largest environmental cleanup project at the Hanford site. DOE's Richland Operations Office is managing Hanford's hazardous waste facilities while preparing for its treatment and ultimate disposal or demolition. As a prime contractor to the U.S. Department of Energy, CHPRC is responsible for the safe, environmental cleanup of the Central Plateau at the Hanford Site.

CHPRC is interested in using MASW survey services to map the stratigraphy and identify potential preferential contaminant migration pathways at former waste sites/landfills on the Hanford site. CHPRC is evaluating historical liquid infiltration and the potential for preferential pathways (ponding, episodic water, or disposal of large quantities of water [i.e., T Ponds and the 216-C-9 Pond]). In the case of the ponds, liquid infiltration may have occurred before the area was used as a landfill. Radiological contamination could be present in the vadose zone below the landfills.

The purpose of the MASW survey is to assist CHPRC in developing a better understanding of the vadose zone below landfills with relatively few records. The surface MASW surveys are expected to be a low hazard activity requiring no site specific Personal Protective Equipment (PPE) in addition to standard Hanford PPE requirements. Equipment is not expected to require decontamination between site surveys but will be inspected during mobilization and after the final survey to prevent migration of contaminants onto and off of the Hanford site.

Due to the nature of the work, contractor employees will be required to complete Hanford-specific training prior to performing work. The training may include:

- CHPRC/Hanford General Employee Training (C/HGET)
- 40-Hour Hazardous Waste Worker Training
- U.S. DOE Order 422.1 Conduct of Operations Training

**Scope of Services:** The services to be acquired may include, but not be limited to, the following activities:

- Mobilize one or more trained MASW survey crews to the Hanford site. Includes development and CHPRC approval of all planning documents and submittals, and completion of required training.
- Survey waste site using MASW techniques in survey lanes 3 m (10 ft) apart (see Attachments 1 and 2 for waste site map).
- Using GPS methods, spatially reference all survey information to North American Vertical Datum of 1988 (NAVD88) and North American Datum of 1983 (NAD83), Washington State Plane (WSP) South Zone, with the 1991 adjustment for directional coordinates. All survey data will be recorded in meters and feet.
- Collect, process, review, and evaluate data to identify stratigraphy and geologic structures, etc. that could affect potential preferential contaminant migration pathways. Document conclusions in a summary report for each waste site. Deliver raw and processed data file.
- Provide technical support to CHPRC in the following:
  - Interpretation of data;
  - Evaluation of potential preferential contaminant migration pathways;
  - Selection of locations for follow on investigations including Surface-to-Surface, Electrical Resistance Tomography,
- Project management for survey planning, survey implementation, data analysis, reporting, and support of decision making based on survey results.

THERE IS NO SOLICITATION AT THIS TIME. This request for capability information does not constitute a request for proposals and submission of any information in response to this market survey is purely voluntary. CHPRC assumes no financial responsibility for any costs incurred.

CHPRC will evaluate market information to ascertain potential market capacity to provide services consistent with those described in this EOI. Telephone inquiries will not be accepted or acknowledged, and no feedback or evaluations will be provided to companies regarding their submissions.

**Submission Instructions:** Interested parties who consider themselves qualified to perform the above-listed services are invited to submit a capability statement in response to this EOI by no later than **4:00 P.M. Pacific Daylight Time, April 13, 2017**. The capability statements (Items 1-6 below) shall be no more than a total of ten (10) pages, and no smaller than 12 point font. All responses must be emailed to John\_M\_Robinson@rl.gov.

At a minimum, capability statements shall contain the following information:

- 1) Organization name, address, email address, Web site address, and telephone number, business size standard for the organization;
- 2) Socio-economic status (small business, service-disabled/veteran-owned small business, HUBZone small business, small disadvantaged business, and/or woman-owned small business, or large business). The applicable North American Industry Classification System (NAICS) code assigned to this procurement is 541360 and the small business size standard is \$15,000,000.
- 3) Tailored capability statements addressing the particulars of this effort, with appropriate documentation supporting claims of organizational and staff capability. If significant subcontracting or teaming is anticipated in order to deliver technical capability, organizations

should address the administrative and management structure of such arrangements.

- 4) Description of the current office location, and the office's location relative to Hanford.
- 5) The standard notice (number of days, hours, etc.) required for a customer to request and receive a service call.
- 6) A standard published price listing or priced service rates used when performing services of this type. If hourly rates are provided, please include an average productivity rate (i.e. acre(s) per hour, square yards or feet per hour, etc) for performing MASW services

CHPRC reserves the right to use any and all information submitted by, or obtained from, an interested party in any manner CHPRC determines is appropriate, including, but not limited to, the creation of a competitive solicitation.

CHPRC looks forward to hearing from you regarding this request.

Sincerely,  
John M. Robinson, Director  
Supply Chain Management

Attachments (2)