



CH2M HILL  
Plateau Remediation Company  
PO Box 1600  
Richland, WA  
99352

4/4/2017

EOI-300-296-ERS

Dear Interested Parties:

**REQUEST FOR EXPRESSIONS OF INTEREST/CAPABILITY STATEMENT  
300-296 AREA CONSTRUCTION FOR ENVIRONMENTAL REMEDIATION 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 and for the purposes of identifying potential sources that may possess the expertise, capabilities, resources, and experience to meet the requirements for providing a full-suite of Construction Services related to environmental remediation beneath the 324 Building in support of the execution of the 300-296 Soil Removal Project at the Hanford site.

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's 300-296 Soil Removal Project (SRP) is developing remotely operated systems to be installed in the 324 Building on the Hanford Site to retrieve highly radioactively contaminated soil from beneath a hot cell within the Radiochemical Engineering Complex. Several project work scope elements must be safely and compliantly accomplished within an extremely hazardous environment during the conduct of the project. Within the 324 facility, interference removal and core drilling to support equipment installation and structural enhancements, cell sealing to support planned grouting of portions of hot cells, removal of grout and grouted in debris within a hot cell, removal of a hot cell floor, and the excavation and management of contaminated soil will be performed in conjunction with the project.

CHPRC plans to issue two or more solicitations in the estimated range of \$10,000,000 to \$25,000,000 based on responses received from this announcement. **THERE IS NO SOLICITATION AT THIS TIME.** This request for capability statement information does not constitute a request for proposals and shall not be construed as a commitment by CHPRC to award a contract at this time. Submission of any information in response to this announcement is purely voluntary and CHPRC assumes no financial responsibility for any costs incurred. The anticipated first contract award date is July 2017 with an overall project completion approximately of 2.5 years later (individual contract durations will vary). Interested firms must submit an expression of interest letter with qualification and experience information which demonstrates capability to perform the work.

**Scope of Services:** The services to be acquired may include, but not be limited to, the following activities. Interested parties may express interest in only group 1 and only group 2 services, or both:

Group 1 Services:

- Mechanical and electrical equipment removal
- Mixed radioactive waste packaging
- Design and engineering services that support facility modifications, including jet grouting, radiation shielding installation, core drilling through nominally 5-ft. reinforced concrete, and

structural enhancements within a hazard category 2 operating nuclear facility

- Construction services that include working in a high hazard environment (radiation, asbestos, beryllium, confined space),

Group 2 Services:

- Construction services that include working in a high hazard environment (radiation, asbestos, beryllium, confined space) hazard category 2 operating nuclear facility , that include crane operation, remotely operated equipment installation, operations and maintenance.
- Mechanical and electrical equipment installation and testing
- Grouting portions of hot cells and waste containers operations
- Contaminated soil removal and packaging operations using the remotely operated equipment
- Radioactive waste packaging
- Procedure development and hazardous work planning
- Training to operate and maintain remotely operated equipment
- Participating in readiness assessment prior to initiating contaminated soil removal and packaging operations

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. Interested firms must respond to this EOI request by providing the information requested under the submission instructions below in order to be considered for future solicitations relating to the 300-296 Soil Remediation Project.

**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 17, 2017.**

At a minimum, the capability statement shall contain the following information (Items 1-11):

- 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 the initial procurement is 562910 and the small business size standard is 750 employees.**
- 3) A tailored qualification and experience statement documenting work performed in site construction and environmental remediation services that shows an understanding of safety and environmental rules, policies and guidelines related to work performed at Hanford in hazardous environments or comparable to Hanford site conditions.
- 4) Identify and describe the planned approach for performing engineering services (self-performed, or subcontracted) including the methods that will be used for managing and ensuring all engineering work meets site requirements for engineering technical and quality standards. Engineering work must be performed by an engineering firm licensed to provide engineering services in the State of Washington with a qualified NQA-1 program for design.
- 5) If significant subcontracting or teaming is anticipated in order to deliver technical capability, organizations should address the administrative and management structure of such arrangements.

Interested parties should have access to a broad array of engineering, construction, project management, and operations experts who can be quickly engaged on a case-by-case basis when needed to address a work performance issue.

- 6) A listing of projects underway, as well as, examples of relevant projects completed in the past five (5) years that demonstrate the ability to perform multi-faceted construction projects while meeting required cost/schedule milestones and deadlines.
- 7) A listing of projects performed in an operating Hazard Category 2 nuclear facility with demonstrated ability to work within the facility Safety Management Program (SMP) (safety basis, fire hazards analysis, etc.) and comply with the Technical Safety Requirements (TSRs).
- 8) Discuss the firm's project management/project control system it would utilize for the work. Please provide information on the project control system you currently utilize for your company and how it is currently utilized on the projects identified in Item #6 above.
- 9) Description of the firm's current accounting system to be utilized for performing services. Complete the attached Pre-award Accounting System Survey Checklist (see Attachment 1) and, if obtainable, include any documents from a U.S. Government auditing agency (DCAA, DCMA, etc) indicating the firm's accounting system has been determined to be adequate for government accounting practices.
- 10) CHPRC anticipates that initial portions of the work requirements may be fixed price for the 300-296 Soil Removal Contract EOI Information (see Attachment 2). Please provide input on which major elements, if any, could be fixed price and identify the information required from CHPRC to support development of a fixed price proposal. Barring the ability of CHPRC to create a fixed price requirement, make a recommendation on an appropriate contract type alternative.
- 11) An uncontrolled copy of the firm's Quality Assurance (QA) program manual unless it has been previously approved by CHPRC. If the firm's manual has been previously approved by CHPRC, the manual shall be updated to make it current and resubmitted to CHPRC with the firm's response. If the manual has not changed since its previous approval by CHPRC, a statement to this effect as all that is require for this submittal.

The capability statement information (Items 1-11 above) shall be not more than twenty-five (25) pages, not larger than 12 point font and sent via email in PDF electronic file format. **All responses MUST be emailed by April 17, 2017** to the undersigned below at [scott\\_c\\_breslau@rl.gov](mailto:scott_c_breslau@rl.gov) .

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 source list for a competitive solicitation. A qualification determination by CHPRC only provides the qualified firm an opportunity to compete on future solicitations.

CHPRC looks forward to hearing from you regarding this request.

Sincerely,

*Scott C. Breslau*

Scott C. Breslau  
Procurement

Attachments (2) – (1) Pre-award Accounting System Survey Checklist; (2) 300-296 Soil Removal EOI Contract Information; and (3) 324 Building Modification Scope Summary Detail