

December 11, 2019

EOI-SBP-01

INTRODUCTION

THIS IS A REQUEST FOR EXPRESSION OF INTEREST/SOURCES SOUGHT (EOI) ONLY. This EOI is issued by CH2M Hill Plateau Remediation Company (CHPRC) solely for information and planning purposes – it does not constitute a Request for Proposal (RFP) or a promise to issue an RFP in the future. This request for EOI does not commit CHPRC to contract for any supply or service whatsoever. Further, CHPRC is not, at this time, seeking proposals and will not accept unsolicited proposals. Responders are advised that CHPRC will not pay for any information or administrative costs incurred in response to this EOI; all costs associated with responding to this EOI will be solely at the interested party's expense. Interested firms must respond to this EOI request in order to be considered for future solicitations relating to this aging structure stabilization project.

BACKGROUND

DOE/CHPRC is requesting an EOI (Expression of Interest) for stabilizing three aging structures near the PFP complex. These structures 216-Z-2 (crib), 216-Z-9 (trench) and 241-Z-361 (tank) have recently been evaluated and determined to be overstressed and at risk of age-related failure by DOE and CHPRC.

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 DOE, CHPRC is responsible for the safe, environmental cleanup of the Central Plateau at the Hanford Site.

Stabilization of the aging structures is anticipated to be completed through the use of engineered grout and estimated to require the following approximate quantities per structure: 1) 140 Cubic Yards for 216-Z-2, 2) 4,000 Cubic Yards for 216-Z-9, and 3) 400 Cubic Yards for 241-Z-361. A single Contractor will be responsible to fabricate the CHPRC designed grout conveyance and ventilation components, which will be connected directly to exiting above ground risers on all three structures. The Contractor will also be responsible to design and provide the grout pumping equipment to deliver the grout the approximately 500' to 1500' from the grout pumping station to each structure. This equipment set-up will need to be successfully mocked up off-site to demonstrate functionality prior to mobilizing to the structures. The Contractor will be

required to batch the required grout outside the Hanford area and transport to their pumping station. It is anticipated that all three structures will be located in a radiologically posted CA/HCA/ARA, however the grout pumping location and the majority of the crew and equipment will be located in an area posted RBA. Grout batching, transport and pumping will need to be executed during an off-shift or night shift to ensure steady supply and to reduce the impact to the daily Hanford commuter.

RESPONDING TO THE EOI

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.

The following documents are provided as guidance only, at this time, in order for the contractors to develop an informed response. It will be the responsibility of contractor to ensure the proposed design and services offered satisfy the detailed functional requirements (to be provided with an RFP).

- PFP Aging Structures_Z-2 Z-9 and Z-361 Stabilization Overview
- PFP Aging Structures Locations and Rad Postings

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 Standard Time, December 31, 2019**. The capability statements shall be no more than fifteen (15) pages (excluding Item 6), and no smaller than 12 point font.

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 action is 238110 and the small business size standard is \$16,500,000. If an RFP is issued, CHPRC retains the option of issuing the RFP as a small business set aside.

- 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) CHPRC anticipates that initial portions of the work requirements may be fixed price or fixed unit price. Please provide input on which major elements, if any, could be fixed price and identify the information required in a CHPRC Request For Proposal 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.
- 6) A brief description of the firm's Quality Program. Include an uncontrolled copy of the firm's Quality Assurance 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 required for this submittal.

QUESTIONS AND COMMENTS REGARDING THE EOI

CHPRC is not entertaining any questions associated with the RFI, at this time. CHPRC intends to evaluate the capabilities statements provided for development of a bidder's list, to be used should CHPRC release an RFP for this work. CHPRC will let all respondents know whether or not they were determined capable for inclusion on that list.

SUBMITTAL ADDRESS

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TANK
241-Z-361

CRIB
216-Z-2

CRIB
216-Z-9

GROUT DELIVERY LINE

PUMP LOCATION
241-Z-361: 1300 FT
216-Z-9: 550 FT

OPTION GROUT
DELIVERY LINE

ALT PUMP
LOCATION:
241-Z-361: 1050 FT
216-Z-9: 475 FT

CLEANOUT

MIXER TRUCK
PATH



CAIARA

HCA/ARA

PFP

216-Z-9

241-Z-361

216-Z-2

Updated 10/23/2019



Existing Radiological Buffer Area



Existing Contamination Area/Airborne Radioactivity Area



Existing High Contamination Area/Airborne Radioactivity Area