

December 5, 2018

Prospective Offerors:

REQUEST FOR EXPRESSION OF INTEREST – 166KE Fuel Oil Bunker Cleanout

CH2M HILL Plateau Remediation Company (CHPRC), Richland, Washington, expects to issue a Request for Proposal (RFP) for the subject work about the end of January 2019, with an anticipated contract type of time and material. Proposals are to be submitted on or about the week of February 25, 2019 with contract award anticipated the week of March 18, 2019.

NOTE: These dates are subject to change.

THIS IS ONLY A REQUEST FOR EXPRESSION OF INTEREST – DO NOT SEND ANY PROPOSAL INFORMATION IN RESPONSE TO THIS REQUEST!!

Introduction

CHPRC is requesting an expression of interest from prospective contractors who are interested in entering into a contract to remove, transport and disposition approximately 61,000 gallons of residual #6 Fuel oil and water mixture (oily water) from the underground concrete storage tanks known as the 166KE facility. Contractor may recommend best options for disposition including recycle, incineration (not onsite at Hanford) or lastly solidification and disposal. The removal of the bulk oily water is necessary to prepare the facility for remediation of the underground 130-KE-2 waste site.

CHPRC is a prime contractor to the Department of Energy (DOE) and all work will be performed in support of the CHPRC contract with DOE.

Work is located at the 166KE facility inside the 100K Area of the Hanford site, approximately 35 miles North of Richland, WA.

The Contractor will work as part of a team under the general supervision of CHPRC. Unless otherwise approved, the Contractor shall work in accordance with CHPRC contract requirements, operating policies, and procedures and shall be responsible for execution of the work in accordance with Contract and the requirements specified in the CHPRC approved work plan.

A Statement of Work (SOW) – to be provided upon issuance of the solicitation - for this activity requests the methodology, resources, and equipment necessary to accomplish the following in support of CHPRC activities:

Remove and disposition approximately 61,000 gallons of bulk oily water and #6 fuel

solution from the 166KE fuel storage tanks to the maximum extent practical that will minimize the future absorbed waste volume. Contractor will provide pumping, collection and transportation equipment necessary to remove the oily water and #6 fuel solution and transport same to a licensed disposal facility for recycle, incineration, treatment or other authorized disposal method.

The 166KE is a reinforced concrete structure that is below grade with its roof exposed at grade level. The walls are 15 inches thick. The 166KE is comprised of two Storage Tanks, two Day Tanks, and a Pump Room located between the two Day Tanks. A light duty chain barricade prevents access to 166KE structure.

The 166KE stored # 6 fuel oil for use by the 165KE boilers from 1955 to 1971. #6 fuel oil is heavy crude needing preheating for it to flow or burn in boilers. Rail cars or fuel trucks would fill the 166KE storage tanks thru fill valves north of the 166KE. Steam heaters would heat #6 fuel to a liquid pour temperature of 74 degrees Fahrenheit minimum for pumping. Fuel oil was pumped from the Storage Tanks to the Day Tanks and from the Day Tanks to the boilers. #6 fuel oil is a Department of Transportation (DOT) regulated Hazardous Material with a proper shipping name of "NA 1993, Fuel Oil #6, class 3, PG III."

The two Storage Tanks have a combined footprint of approximately 139 ft. 6 in. by 93 ft. 7 in. and the height/depth is 23 ft. 7 in. deep. Each Storage Tank has an internal volume of 801,792 gallons. There are twenty-seven 16x16 inch columns in a 3x9 array inside each Storage Tank. The columns run from the floor to the top of the Storage Tank. The Storage Tanks were gravity filled by rail car or fuel truck at the north end of 166KE thru fill valves located at the north side. The Storage Tanks have a manhole and a vent/level port.

Each Day Tank has an internal volume of 48,942 gallons. The Day Tanks are 33 ½ feet by 9 feet by 21 feet deep with no columns inside. The Day Tanks were filled from the Storage Tanks by the transfer pumps. The 165KE boilers received fuel oil from the Day Tanks. The Day Tanks have a manhole and a vent/level port.

The storage & day tank heel contain approximately 61,000 gallons of oily water and #6 fuel oil residuals. The below grade tank volumes recently calculated are:

East Storage Tank 41,000 gallons
West Storage Tank 15,000 gallons,
East Day Tank 600 gallons
West Day Tank 4,300 gallons

The 61,000 gallons of residual bulk oily water/fuel oil heel will need to be removed and properly dispositioned.

The solicitation will be under the North American Industry Classification System (NAICS) Code 562211, Hazardous Waste Treatment and Disposal. The Size standard for determining whether an Offeror is a small business in regard to this acquisition is **\$38.5M.**

Potential Offerors who would like to receive an RFP are encouraged to respond by the required due date.

Summary of Scope – 166KE Fuel Oil Bunker Cleanout

The Contractor will provide pumping, collection and transportation equipment necessary to remove the oily water and #6 fuel solution and transport same to a licensed disposal facility for recycle, incineration, treatment or other authorized disposal method.

The Contractor shall furnish all necessary labor, technical and professional services, supervision, materials, tools, equipment, consumables, and payment of any applicable taxes to perform all operations necessary and required to perform scope in accordance with the contract. The Contractor shall provide all deliverables by adhering to all federal, state and local regulations.

The tasks expected to be performed are identified in the following:

Task 1 Mobilization – includes obtaining required site badging, completion of necessary site access training, delivery and staging of equipment, initial site walk down, and development of a draft work plan. Work plan will describe intended removal method, site controls including travel routes and barriers, spill controls, execution schedule and other pertinent information required by CHPRC and/or recommended by the Contractor to perform the work in an approved, deliberate and safe manner.

Task 2 Preliminary Setup – Complete Pre-Job Safety briefing with both Contractor and CHPRC staff and site provided support workers. Complete job site preparations including installation of safety barricades, signage, staging and installation of equipment, spill kits etc.

Task 3 Oily Liquids Removal - Perform oily water removal, transportation and disposition operations as described in the Contractors work plan. Oily liquids are to be removed to as low as possible to minimize future absorbed waste volumes.

Task 4 Demobilization and Contract Closeout – Remove equipment, barriers and site postings. Determine final volume of solution removed. Close out any contract deliverables and provide copies of disposal records as applicable.

Conclusion

There is no guarantee that an RFP will be issued for this work, nor a guarantee that a contract will be awarded should the RFP be issued.

The following questions must be answered and accompany any Expression of Interest that is submitted.

1. Can you provide multiple options for dispositioning the 61,000 gallons of oily water material?
2. Can you meet all of the DOT Federal Motor Carrier Safety Regulations in 49 CFR Parts 40, 382-383, 387, and 390-397?
3. Can you provide experience commensurate with removing a 3-inch minimum layer of oil from a tank located 20 foot below grade at ambient pressure and temperature conditions?

4. Do you own or have current contracts with licensed disposal facilities if disposal is recommended?
5. Can you provide specific analytical needs or requirements?

NOTE: In order to participate in any future procurement opportunities relating to this work scope, it is **mandatory** that an interested party respond to this Expression of Interest.

Responses to this Expression of Interest must be submitted by the close of business December 31, 2018, and sent via Email to the Contract Specialist, Dawn Moreland, the undersigned below.

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