

April 28, 2021

EOI-SBP-004.1

Dear Interested Parties:

REQUEST FOR EXPRESSIONS OF INTEREST – DISPOSAL FACILITY OPERATIONS

Central Plateau Cleanup Company (CPCCo) 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 and experience to safely deliver Disposal Facility Operations requirements. The result of this market research will contribute to determining the method of procurement.

Interested firms are invited to submit an expression of interest letter 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. The site sits on 580 square miles of shrub-steppe desert in southeastern Washington State and produced plutonium for the U.S. nuclear weapons program from 1943 through the late 1980s. With an annual budget of more than \$2 billion dollars, the Department of Energy's strategy for remediating the legacy of producing nuclear materials is to treat and dispose of approximately 56 million gallons of radioactive and chemical waste in 177 large underground tanks; reduce risk to workers, the public and the environment by cleaning out and demolishing former production facilities, remediating contaminated soil, remediating contaminated groundwater, and securely and safely storing nuclear materials; and reduce the costs of continuing operations and surveillance and maintenance.

As a prime contractor to the U.S. Department of Energy, CPCCo, is in part, responsible for removing contaminated soil from waste sites and debris from demolished facilities and disposing the resultant waste in the Environmental Restoration Disposal Facility. CPCCo is also responsible for performing the necessary activities to make the Integrated Disposal Facility a full operational facility for waste receipt and disposal.

CPCCo issues this EOI solely for information and planning purposes – it is not a Request for Proposal (RFP) or a promise to issue an RFP in the future. This request for EOI does not commit CPCCo to contract for any supply or service whatsoever. Further, CPCCo is not, at this time, seeking proposals and will not accept unsolicited proposals. Responders are advised that CPCCo 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 Disposal Facility Operations project.

BACKGROUND

CPCCo is requesting an Expression of Interest (EOI) from suppliers with landfill operations experience regarding the operations of the Environmental Restoration Disposal Facility (ERDF) and the Integrated Disposal Facility (IDF).

The ERDF and IDF are two Waste Projects and Operations facilities maintained and operated by CPCCo on the DOE Hanford Site. The ERDF is a Resource Conservation and Recovery Act (RCRA)-compliant multi-celled landfill authorized to operate through the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) and Record of Decision (ROD) issued by the U.S. Environmental Protection Agency (EPA) (EPA 1995).

The Integrated Disposal Facility (IDF) is a RCRA compliant and DOE approved landfill facility included in the Hanford Site Wide Dangerous Waste RCRA Permit. IDF, once operational, will provide an approved, near surface disposal facility for the permanent, environmentally safe disposition of Low-Level Waste (LLW) and Mixed Low-Level Waste (MLLW), including vitrified Immobilized Low-Activity Waste (ILAW) canisters which will be produced at the Waste Treatment and Immobilization Plant (WTP).

SCOPE OF SERVICES

Environmental Remediation Disposal Facility

The ERDF mission is to provide safe and compliant disposal operations, which will eliminate major hazards to people and the environment on the Hanford Site. ERDF is currently comprised of 10 cells that make up a 107-acre disposal area and is expandable to accommodate future waste disposal volumes. To date, over 18 million tons of waste have been disposed of at the ERDF since operations began in 1996.

ERDF is authorized to accept and dispose of low-level radioactive, hazardous/dangerous, asbestos, PCB, and mixed wastes generated during waste management and site remediation activities at the Hanford Site. The wide variety of waste forms include soil, building demolition debris/components (concrete, steel, etc.), soil/debris mixture, burial ground waste, drummed waste, contaminated equipment and other items requiring special handling via crane/fork lift etc. Most waste is received in reusable roll-off containers with approximately 15-20 tons of waste material. Monthly container quantities received will vary. In 2019, ERDF averaged 500 containers per month. In 2018 an average of 860 containers per month were received. ERDF is also used to stage and treat some waste types before disposal. Additional operational activities include waste receipt, waste placement, waste compaction, treatment (i.e., stabilization and encapsulation), grout plant operation, leachate system operation, GPS data base operation (utilized to track waste placement locations), as well as operation and maintenance of government furnished facilities and heavy equipment. Technical support activities include Waste Disposal Logistics Support; scheduling, waste acceptance and inspection; development and maintenance of implementing procedures. The scope does not include waste characterization or transportation from waste generator sites to the ERDF.

Integrated Disposal Facility

The IDF disposal cells and leachate collection system were constructed in 2006 and have been inspected and maintained in a “pre-active” state to ensure systems remain in an operational condition. IDF’s primary mission is to receive and dispose of wastes generated under the Direct-Feed Low-Activity Waste (DFLAW) program. It is anticipated that 90% of IDF’s disposal influx will be vitrified glass from the Waste Treatment and Immobilization Plant (WTP). Other waste generators will include RCRA wastes from the Tank Operations Contractor and CPCCo.

To support readiness of this mission, IDF is developing processes, procedures, and permits along with installing infrastructure to support “active” operations. In March 2020, DOE-RL instructed the plateau remediation prime contractor (at the time, CHPRC) to make IDF ready to support active operations before July 1, 2022.

The IDF consists of two cells that have a 16-acre disposal area that is expandable to the south to accommodate additional waste as needed. Major supporting infrastructure includes a crest pad building, leachate transfer building and leachate storage tank for each of the two cells. Current infrastructure improvements include earthwork for preparation of working and driving surfaces, procurement and siting of mobile offices and showers, installation of potable water, sewer systems, electrical upgrades, RCRA permitted storage and treatment pads, installing inspection buildings, replacing the leachate collection tanks floating covers with metal domes, connecting the leachate collection systems, installing communication systems, and securing the perimeter of IDF with chain-link fencing.

Operations at the IDF are currently planned to occur on a single shift, 7 days per week, 365 days per year. Operational activities will include waste receipt, waste placement, waste compaction, treatment (i.e., stabilization and encapsulation), leachate system operation, GPS database operation (utilized to track waste placement locations), as well as operation and maintenance of government furnished facilities and heavy equipment. Technical support activities include Waste Disposal Logistics Support; scheduling, acceptance, and inspection; development and maintenance of implementing procedures.

RESPONDING TO THE EOI

CPCCo 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 preceding description of scope is provided for guidance only, at this time, in order for a company to develop an informed response. It will be the responsibility of the company to ensure the proposed services offered satisfy the detailed operational requirements (to be provided with an RFP).

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, May 13, 2021**. The capability statements shall be no more than fifteen (15) pages (excluding Item 8), 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, telephone number, and 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 562910, Environmental Remediation Services, and the small business size standard is 750 employees. If an RFP is issued, CPCCo 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 the following:
 - a. Organizational and staff capability. Identify the capabilities, which you have, or will shortly have, for meeting the requirement of the scope of services. If significant subcontracting or teaming is anticipated in order to deliver technical capability, organizations should address the administrative and management structure of such arrangements.
 - b. Description of your company's approach to meeting the requirements in the scope of services.
 - c. Provide schedule information with regards to how quickly you can be at full performance after award.
 - d. Identify any challenges and risks in meeting the requirements in the scope of services. Identify how your organization would minimize these risks.
- 4) Description of the current office location, and the office's location relative to Hanford.
- 5) Discuss the company's prior record in performing services similar in size, content, and complexity to those required in this EOI. Specific emphasis shall be placed on previous projects/contracts where the company was a managed-task subcontractor providing services/operations at a waste disposal facility in a highly regulated technical environment. Include any relevant work the company performed at landfills that receive low-level radioactive, hazardous/dangerous, asbestos, PCB, and mixed wastes and/or where work was performed under stringent ESH&Q programs, Radiological Work Programs, and to RCRA, CERCLA requirements.
- 6) Currently the work at ERDF is performed on a time and material basis. CPCCo's desire is to utilize fixed price and/or fixed unit price contracting to the maximum extent practicable and appropriate. Please provide input on which major elements, if any or all, could be fixed price and identify the information that would be required in a CPCCo Request for Proposal to support development of a fixed price proposal. Should interested

parties believe a different contracting structure other than fixed price is more appropriate for this type of work, they are requested to make a recommendation in this regard along with basis to support.

- 7) CPCCo's current approach calls for awarding a single contract to operate/maintain ERDF and IDF. Responses should include comments on whether the ERDF scope and IDF scope is more suited as bundled in one contract or if two separate contracts with the potential for more than one contract award would be more appropriate.
- 8) 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 for use at Hanford. If the firm's manual has been previously approved, the manual shall be updated to make it current and resubmitted to CPCCo with the firm's response. If the manual has not changed since its previous approval by CPCCo, a statement to this effect is all that is required for this submittal.

QUESTIONS AND COMMENTS REGARDING THE EOI

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

SUBMITTAL ADDRESS

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

CPCCo looks forward to hearing from you regarding this request.

Sincerely,

John Robinson, Manager
Procurement & Supply Chain