

SOURCES SOUGHT/REQUEST FOR INFORMATION

Solicitation Number: **DE-SOL-0009439**

Title: **Office of Environmental Management, Office of River Protection – Tank Waste Management Acquisition(s) Post Fiscal Year 2018 Contract(s)**

THIS ANNOUNCEMENT IS A REQUEST FOR INFORMATION (RFI) ONLY. THIS IS NOT A REQUEST FOR PROPOSALS AND SHALL NOT BE CONSTRUED AS A COMMITMENT BY THE GOVERNMENT TO AWARD A CONTRACT.

No solicitation is available. This RFI is released pursuant to FAR 15.201(e), *Exchanges with Industry*, and is issued for the purpose of conducting market research.

The U.S. Department of Energy (DOE), Office of Environmental Management (EM) is currently in the acquisition planning phase for potential upcoming competitive procurement(s) for the environmental cleanup work at the DOE Hanford Site, hereafter referred to as “Tank Waste Management Acquisition(s) Post Fiscal Year 2018 Contract(s).” Established in 1943, the Hanford Site’s original mission was to produce plutonium for national defense. Operations to make the raw materials for nuclear weapons continued until the late 1980s. The waste remaining from those operations is a potential threat to human health and the environment including the Columbia River. In 1989, Hanford’s mission shifted from production of weapons material to waste management and environmental cleanup. The DOE Office of River Protection is responsible for safeguarding the nuclear waste stored in Hanford’s 177 underground tanks and to manage the waste safely and responsibly until it can be treated for final disposition.

The purpose of this RFI is to solicit input from interested parties with the specialized capabilities necessary to meet all or part of the requirements of the elements of scope for the upcoming competitive procurement(s) for “Tank Waste Management Acquisition(s) Post Fiscal Year 2018 Contract(s).” Information is provided on the EM Consolidated Business Center (EMCBC) Web site – <https://www.emcbc.doe.gov/SEB/ORPPost2018/> – to assist industry with the preparation of interested parties’ capability statements (as defined later in this announcement). The information on the EMCBC Web site will be updated as it becomes available; therefore, interested parties should monitor the EMCBC Web site for additional information. Within these capability statements, DOE is seeking feedback from interested parties regarding options for innovative approaches for the performance of scope elements as well as insight into potential contracting alternatives to achieve the EM goals for “Tank Waste Management Acquisition(s) Post Fiscal Year 2018 Contract(s).”

Due to the preliminary stage of this planning activity, there is no statement of work available at this time. The anticipated number of procurements, types of contracts, periods of performance, amount of funding, or set aside possibilities are to be determined. The major elements of scope include, but are not limited to:

- Base Operations
 - Maintain and operate nuclear/radiological facilities:

- Tank farm (TF) single-shell and double-shell facilities
 - 242-A Evaporator facilities
 - Effluent Treatment Facility and support facilities
 - 222-S Laboratory complex
- Upgrade TF infrastructure to support feed delivery and effluent return
- Double-shell tanks space management
- Tank Integrity Program
- Vapor Implementation Plan Phase 2
- Maintain “One System” integrated management strategy for WTP/TF
- Potential technology improvements
- Tank Retrieval and Closure
 - Design, procure, permit, construct/fabricate, and operate single-shell tank retrieval systems that remove waste from single-shell tanks and transfer the waste to the double-shell tanks or treatment systems
 - Retrieve and treat contact handled transuranic tank waste
 - Regulatory closure activities
 - Install interim barriers
 - Perform waste management area tank closure activities
- Construction Projects
 - Design, permit, construct, commission, and/or operate:
 - Low-Activity Waste (LAW) Pretreatment System Facility
 - Tank Waste Characterization Staging Facility
 - Facilities to support direct feed high-level waste, if approved by DOE
 - Immobilized high-level waste storage facility
 - Potential new capital improvements
 - Miscellaneous support facilities for TF/WTP
- Miscellaneous Mission Requirements
 - Potentially operate portions of the WTP complex that support direct feed LAW and, if approved by DOE, direct feed high-level waste
 - LAW melter(s) replacement
 - Analytical services post-fiscal year 2020
 - Interface for site services
 - Legal support

- Pension and benefit plans.

DOE is also seeking interested parties with specialized capabilities necessary to successfully perform all or a portion of the elements of scope defined above to further determine whether or not all or a portion of the work can be set aside for small businesses, 8(a), Economically Disadvantaged Women-owned Small Businesses, women-owned small businesses, HUBZone small businesses, veteran-owned small businesses, or service-disabled veteran-owned small businesses. Small business teams or joint ventures shall identify the socio-economic status of each member and shall provide the capabilities of each member, as well as a description of the work that each member would perform under a contract, keeping in mind the requirements of FAR 52.219-14, *Limitations on Subcontracting*.

Capability statements should include the following information as appropriate and applicable:

1. Describe your approach (technical, management, regulatory, execution) to meeting all or a portion of the specific scope elements.
2. Provide a summary of experience and performance record covering the past 5 years. Identify all DOE, other government, or other commercial experience relevant to this RFI, specifically:
 - Nuclear material processing
 - Radioactive waste treatment/immobilization
 - Radioactive tank waste retrieval
 - Operating nuclear facilities, highly complex operating facilities, or both
 - Highly complex operating facilities
 - Working with stakeholders, tribal governments, citizens' advisory boards, and regulatory agencies at the state and federal level
 - Industrial hygiene monitoring
 - Extracting or transferring solid materials from underground storage tanks without sluicing
 - Highly radioactive liquid waste piping transfers
 - Capital asset construction.
3. Discuss your experience in implementation of environmental, safety, and health plans related to your (and any teaming partners) work on industrial facilities, nuclear facilities, or both. This discussion should address your approach to complying with federal and state laws, regulations, and government directives.
4. Discuss how you have implemented a safety culture within your organization.
5. Describe your experience in developing and implementing an effective quality assurance program and how you met NQA-1 requirements.
6. Identify potential areas within any elements of the scope that may be appropriate for a fixed price or indefinite delivery/indefinite quantity contract structure.

7. Give recommendations on what portions of the current scope provided that can be grouped together to make multiple contracts.
8. Describe your approach for contracting alternatives (e.g., number of procurements, types of contracts, periods of performance, set-aside possibilities, and incentives) for the provided scope elements.
9. Describe how you would separate portions of the current scope that would benefit small businesses.
10. Discuss your experience (or that of any teaming partners) in sponsoring employer pension and benefit plans at DOE or other government sites.

All interested parties are hereby invited to submit a capability statement, of no more than 20 double-sided pages in total, no smaller than 12-point font, **and no more than 20 megabytes (MB) total for an electronic transmission to: ORPpost2018@emcbc.doe.gov**. The Government will review each capability statement based on the interested parties' (and that of teaming partners when applicable) demonstrated qualifications, capabilities, expertise, experience, and past performance in each of the scope areas specified to their area of interest and expertise. Interested parties are requested to provide each firm's name, point of contact, telephone number, email address, address of firm, CAGE Code, and DUNS Number.

The Government will not reimburse preparation costs nor otherwise provide compensation for any information that is provided in response to this announcement. All capability statements shall be submitted electronically to: ORPpost2018@emcbc.doe.gov, **no later than 12:00 p.m. Eastern Standard Time on Thursday, April 7, 2016**. Any questions pertaining to the announcement should also be directed to: ORPpost2018@emcbc.doe.gov. DOE personnel may contact firms responding to this announcement to clarify a responder's capabilities and other matters as part of this market research process.

In addition to this RFI, DOE plans to provide a site tour to interested parties planned for Tuesday, March 29, 2016. DOE also plans to conduct an up to 45-minute One-on-One Information Exchange session with each interested party, March 30–31, 2016.

Interested parties desiring to participate in the site tour, the One-on-One Information Exchange, or both, are requested to provide the firm's name, address, names of representatives, and contact information **no later than 12:00 p.m. Eastern Daylight Time on Friday, March 18, 2016** to: ORPpost2018@emcbc.doe.gov. Only United States citizens (no foreign nationals) are authorized to participate and space is limited to two representatives for each interested party. DOE will send the interested parties specific date, time, and locations for the site tour and the information exchange session.

DOE reserves the right to use any and all information submitted by, or obtained from, an interested party in any manner DOE determines is appropriate, including, but not limited to, the creation of a competitive solicitation. Interested parties shall not include any classified information in its response. Also, an interested party should avoid including any business confidential, and/or proprietary information in its response. However, if an interested party must submit such information, the information must be clearly marked, and sufficient justification

provided as to why such information is business confidential and/or proprietary. DOE will review said information and safeguard it appropriately.