

SOURCES SOUGHT / REQUEST FOR INFORMATION (RFI)

Solicitation Number: DE-SOL-0009910

Title: Outfall 200 Mercury Treatment Facility (OF200 MTF)

Date: June 30, 2016

THIS RFI IS NOT A PRE-SOLICITATION NOTICE, REQUEST FOR PROPOSAL (RFP), OR AN INVITATION FOR BID. IT IS A MARKET SURVEY ISSUED PURSUANT TO FEDERAL ACQUISITION REGULATION (FAR) PART 5 TO IDENTIFY POTENTIAL SMALL BUSINESS, AND ENGAGE IN EXCHANGES WITH INDUSTRY AS CONTEMPLATED BY FAR 15.201(e).

The U.S. Department of Energy (DOE), Office of Environmental Management (EM), is currently in the acquisition planning stage for construction of a water treatment facility needed for mercury remediation at the Y-12 National Security Complex (Y-12) located in Oak Ridge, Tennessee.

The purpose of this RFI is to solicit input via capability statements from interested parties with the specialized capabilities necessary to meet the requirements of the draft Statement of Work (SOW) for construction of a water treatment facility for mercury remediation at Y-12. Within these capability statements, DOE is seeking feedback from contractors and other interested parties regarding opportunities for innovative approaches for the performance of the attached draft SOW as well as insight into potential contracting alternatives. This market research will assist DOE with identifying interested and capable sources and developing its acquisition strategy. Key market research goals include identifying and minimizing barriers to competition, evaluating small business capabilities, identifying risks, identifying potential requirements definition, completion schedules, contract alternatives, and identifying appropriate terms and conditions.

The DOE EM Consolidated Business Center (EMCBC) has created a procurement website where additional information is provided which may be viewed at <https://www.emcbc.doe.gov/SEB/OF200MTF/>. Information posted on the EMCBC website will be updated as it becomes available; therefore, contractors should monitor the EMCBC website for additional information. DOE may or may not respond to or post on the EMCBC website any verbal or written questions or comments pertaining to this RFI package.

The anticipated type of contract, period of performance, amount of funding, and/or set aside possibilities are to be determined. A summary of the activities contained in the draft SOW are as follows. A more complete description of the activities that will be required for the construction of the MTF is in the attached Draft SOW:

To capture mercury-contaminated water entering Upper East Fork of Poplar Creek (UEFPC) from Outfall 200 (OF200) for treatment, a water diversion system will be located just downstream. Due to site constraints, the OF200 Mercury Treatment

Facility (MTF) is planned to be comprised of two primary areas, the Headworks area and the MTF area, joined by a transfer pipeline corridor.

The OF200 diversion structure and Headworks will be located adjacent to the outfall on the south side of UEFPC. This location will permit in-stream diversion along with collection and transfer components. Locating the diversion structure near the outfall optimizes the capture of flow from the West End Mercury Area (WEMA) without treating the large volumes of additional, relatively clean water that flows into UEFPC downstream. The Headworks are sized to divert flows up to 40,500 gallons per minute (gpm) for collection and treatment while allowing excess storm flow to bypass. Provisions are included for grit separation prior to transfer of the collected water via a pipeline to the MTF for treatment. For diverted stormwater in excess of the treatment capacity, grit separation is followed by pumping to a 2-million-gallon stormwater storage tank. Stormwater collected in the storage tank will be fed into the MTF as treatment capacity allows. The grit removal system includes solids dewatering and loading into solid waste containers for disposal.

The MTF components are planned to be located at the site of the former Bldg. 9720-8 near the east end of Y-12. A transfer pipeline approximately 4000 feet (ft) long will be located along the south side of UEFPC between the Headworks and MTF areas. The MTF consists of outdoor tanks, treatment equipment, and a metal building that houses weather-sensitive and labor-intensive equipment. The outdoor equipment includes an equalization tank, clarifier/thickeners, sludge settling tanks, bulk chemical tanks, and process reaction tanks. Weather-sensitive equipment and equipment requiring manned operation are indoors in the treatment building and include multi-media filtration (MMF), filter presses, polymer make-down systems, filter clearwell and backwash basins, backwash pumps and associate equipment, and operations support and control areas.

The transfer pipeline is typically an at-grade, single-contained, high-density polyethylene (HDPE) pipe. The pipe will be routed to minimize interference with Y-12 site operations, and appropriate vehicle and pedestrian crossings (e.g., below-grade driveway and road crossings, footbridges, etc.) will be provided at locations requiring access.

DOE is also seeking to determine whether the work can be set-aside for small businesses, 8(a) small business, small disadvantaged business, economically disadvantaged women-owned small businesses, women-owned small businesses, HUBZone small businesses, veteran-owned small businesses, or service-disabled veteran-owned small businesses. The North American Industry Classification System (NAICS) code for this requirement is anticipated to be 237110, Water and Sewer Line and Related Structures Construction, with a small business size standard of \$36.5 million.

THIS ANNOUNCEMENT IS NOT A REQUEST FOR PROPOSALS (RFP) AND SHALL NOT BE CONSTRUED AS A COMMITMENT BY THE GOVERNMENT TO AWARD A CONTRACT AT THIS TIME.

All interested parties are hereby invited to submit a technical capability statement of no more than 15 pages using no smaller than 12 point Microsoft® Word Times New Roman font. Double sided pages on one (1) 8 ½ X 11 page will be counted as two pages. Also, electronic file submissions must be less than 20 Megabytes. The Government will evaluate each capability statement based on the interested party's demonstrated qualifications, capabilities, expertise, experience and past performance in each of the areas of expertise described above and in the draft SOW. More specifically, capability statements should include the following information as appropriate and as applicable:

- 1) Identify your business type, business size, and socio-economic status in reference to the projected NAICS code of 237110. If the NAICS code is not currently in your System of Award Management (SAM) profile, what do you anticipate your business size and socio-economic status will be once the NAICS code is added to your SAM profile? Suggest an appropriate NAICS code if 237110 is not appropriate for this procurement.
- 2) Describe your ability and experience performing the work described above and in the draft SOW. Identify all DOE, other Government (Federal, State or local), or other commercial experience relevant to this sources sought (include contract number, role in the effort (i.e., prime contractor or subcontractor), date, scope, duration, contract value, client, and contracting agency contact).
- 3) Describe your qualifications including direct experience in the following areas: construction management; constructing a waste water treatment facility and/or a mercury treatment facility, environmental sampling and analysis, infrastructure systems, hazardous waste disposal, supporting the construction process and interacting with EPA and state regulators through the Comprehensive Environmental Response, Compensation, and Liability Act.
- 4) Describe your experience building treatment facilities dealing with radiological and/or chemical inventories in a complex regulatory environment with respect to problem-solving, including working with various stakeholders and regulatory agencies at the state and federal level.
- 5) The work will be conducted at the Y-12 National Security Site and will require interface and integration with other site contractors and site offices. Discuss your company's experience, including the experience of teaming arrangements with other companies, in the management and integration of the elements of the draft SOW while dealing with Memoranda of Understanding with other site contractors and site offices under a single contact. Also describe your experience in managing and integrating the work of subcontractors who would perform specialty functions.

- 6) Discuss your experience implementing environmental, safety, and health plans related to your (and any teaming partners) work on DOE sites. This discussion should address your approach to addressing requirements such as 10 CFR 851 Worker Safety and Health; American Society of Mechanical Engineers Quality Assurance Requirements for Nuclear Facility Applications; Integrated Safety Management System (ISMS); and, 10 CFR 835 Occupational Radiological Protection Program or similar radiation protection programs.
- 7) Discuss the project management/project control system you would utilize for the scope of work.
- 8) Identify any technical challenges and risks in meeting the requirements in the draft SOW. Identify how your organization would minimize any risks.
- 9) DOE anticipates that the draft SOW requirements may be solicited utilizing fixed price contract line items. Please provide input on this requirement being solicited as fixed price and identify any information required from DOE to support development of a fixed price proposal for the draft SOW.
- 10) Highlight any factors that would make competing for this contract desirable or undesirable for your firm, including input on proposal evaluation criteria. Discuss any issues the Contracting Officer should consider when developing the solicitation for this requirement. Additionally, please identify and describe any areas in the draft SOW believed to be missing or in need of clarification.
- 11) Provide a high level estimated completion schedule with major and interim milestones reflecting completion of milestones identified in the SOW. Assume an anticipated start date of January 15, 2018, and provide all assumptions such as annual funding.

Interested parties are requested to provide the name of firm, point of contact, phone number, address of firm, CAGE Code, and/or a DUNS Number(s) used over the past 5 years. Small business teams or joint ventures shall identify the socio-economic status of each member and shall provide a description of the work that each member would perform under a contract.

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. An interested party should avoid including any classified, business confidential, and/or proprietary information in its response. However, if an interested party must submit such information, the information must be clearly marked accordingly, and the interested party must provide sufficient justification as to why such information is business confidential and/or proprietary. DOE will review said information and safeguard it appropriately.

The Government will not pay for any information that is provided in response to this announcement nor will it compensate any respondents for the development of such

information. All capability statements and questions pertaining to this announcement shall be submitted electronically to OF200MTF@emcbc.doe.gov no later than 04:00 p.m. Eastern Daylight Time on July 15, 2016. 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.

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