

**United States Department of Energy**  
**Synopsis**

**Portsmouth/Paducah Project Office Operations and Site Mission Support Procurement**

This notice is considered to be a synopsis in accordance with FAR Subpart 5.2 for the Portsmouth/Paducah Project Office (PPPO) Operations and Site Mission Support (OSMS) (formerly known as DUF6) procurement. The U.S. Department of Energy (DOE) anticipates the issuance of a Final Request for Proposal (RFP), solicitation number, 89303320REM000070, for the PPPO OSMS procurement during 2022. The new contract will primarily operate the Depleted Uranium Hexafluoride (DUF6) conversion facilities on DOE property at Paducah, Kentucky, and Portsmouth, Ohio. The facilities convert DOE's inventory of DUF6 located at the Paducah Gaseous Diffusion Plant (PAD) and the Portsmouth Gaseous Diffusion Plant (PORTS) to a stable chemical form, primarily uranium oxide, acceptable for transportation, beneficial use/reuse, and/or disposal. A related objective is to provide cylinder to cylinder uranium hexafluoride (UF6) transfer, and cylinder surveillance and maintenance (S&M). Direct disposition of the empty heel cylinders in a safe and environmentally acceptable manner is required, including a focus on recently approved offsite oxide shipments for disposition/disposal. Additionally, the contract will include recently added scope to support a National Nuclear Security Administration (NNSA) mission at the site for the utilization of depleted uranium metal and high assay tails and the Office of Nuclear Energy's mission for the production of High Assay Low Enriched Uranium (HALEU). It is anticipated that the RFP will promote contractor community commitment and engagement, including interfacing with the local community on site reindustrialization efforts. There will also be a requirement for the OSMS Contractor to submit a community commitment plan to DOE. The contract will also provide for a 5% preference for the award of subcontracts to regional small businesses.

The new contract resulting from this acquisition will replace the contract currently being performed by Mid-America Conversion Services, LLC which is set to expire on March 28, 2023. Effective with the award of this forthcoming OSMS Contract, some scope performed by other contractors will be the responsibility of the OSMS Contractor. The following activities will be transferred from the Decontamination and Decommissioning (D&D) Contractor at Portsmouth (Fluor – BWXT Portsmouth, LLC) and the Deactivation and Remediation (D&R) Contractor at Paducah (Four Rivers Nuclear Partnership, LLC): utilities (water, sewer, and electric); Emergency Management (fire protection, plant shift superintendent, emergency operations center); Physical Security (Protective Force); Uranium Operations at PORTS (cylinder to cylinder transfer, cylinder yard management); and Nuclear Material Control and Accountability. The Fluor-BWXT Portsmouth, LLC (FBP) Contract is scheduled to expire on March 28, 2023. The scope not transferring from the FBP Contract to the OSMS Contractor will be assumed by a separate Portsmouth D&D contract which is currently being procured. Although not coincident with the end of the Four Rivers Nuclear Partnership, LLC Contract, mission support scope transferring from the Paducah D&R Contract to the OSMS Contract will take place upon issuance of the Notice to Proceed for the OSMS Contract. To ensure a smooth transition of scope and workforce, the transition periods for the new PPPO OSMS and Portsmouth D&D Contracts will be aligned. The planned approach for effective scope alignment between the contracts at PORTS and PAD will be beneficial for long-term workforce continuity at both sites and will allow for a strategic focus on the D&D work at PORTS under the End State Contracting Model. The consolidation into a single operations and site mission support contract for both the PORTS and PAD sites will be beneficial for the continuity of both the bargaining and non-bargaining workforce. With the expectation of continued stable funding for each site, it is anticipated that the workforce will remain stable with the new contractor, along with the continuance of current benefits. There will continue to be

separate contracts at each site to focus on the D&D and D&R of the Gaseous Diffusion Plant process buildings.

This OSMS procurement will be 100% full and open competition. The Government does not intend to acquire a commercial item or service using FAR Part 12. The North American Industry Classification System code for this requirement is 325180, Other Basic Inorganic Chemical Manufacturing, and the small business size standard is 1,000 employees. Further information concerning size standards can be found at the following website:

<https://www.sba.gov/federal-contracting/contracting-guide/size-standards>.

A dedicated website has been established for this procurement. All news/announcements, documents (including the Draft RFP and Final RFP), pre-solicitation information, virtual tour, questions/answers, and related links will be posted to the procurement website, which can be found at: <https://www.emcbc.doe.gov/SEB/OSMS>. The Draft RFP and Final RFP will also be posted on the SAM.gov website at <https://sam.gov/> and the FedConnect website at [www.fedconnect.net](http://www.fedconnect.net).

DOE intends to post pre-solicitation information and a pre-recorded video site tour, but not conduct a virtual or in-person pre-solicitation conference. Additionally, DOE intends to conduct virtual one-on-one sessions. DOE will be posting the pre-solicitation information and pre-recorded video site tour the week of January 3, 2022, and conducting the one-on-one sessions on January 19 and 20, 2022. All registrations will be due NLT January 10, 2022. Interested parties should continue to monitor the OSMS procurement website for details.

No additional synopsis will be released prior to issuing the Final RFP.

**Contracting Office Address:**

U.S. Department of Energy  
Environmental Management Consolidated Business Center (EMCBC)  
550 Main Street, Room 7-010  
Cincinnati, OH 45202

**Place of Performance:**

The principal place of performance will be at the DOE Portsmouth (PORTS) and Paducah (PAD) locations with a management office in Lexington Kentucky. The PORTS Site is an approximately 3,700-acre federal reservation in south-central Ohio, one mile east of U.S. Route 23, in rural Pike County. The PAD Site is an approximately 3,556-acre federal reservation in rural McCracken County in Western Kentucky, 10 miles west of Paducah, KY between U.S. Highway 60 and the Ohio River.

**Primary Point of Contact:**

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