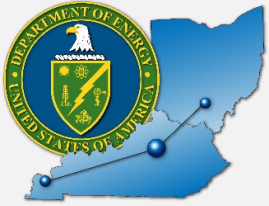


**Portsmouth/
Paducah Project Office
(PPPO)
Technical Support
Services (TSS)**

**Draft Request for Proposal
Pre-Solicitation Briefing
89303324REM000120**

January 9, 2024





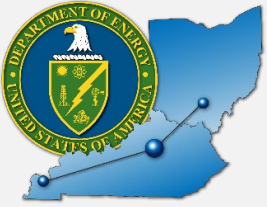
Agenda

Topic	Presenter
Pre-Solicitation Briefing Purpose Logistics & Ground rules Acquisition Process	Lori Sehlhorst, EMCBC Contracting Officer
PPPO TSS Contract Purpose PPPO History & Current Conditions	Reinhard Knerr, Deputy Manager for the PPPO
Portsmouth Site Overview	Jeremy Davis, Portsmouth Site Lead
Paducah Site Overview	April Ladd, Paducah Site Lead
OSMS/DUF6 Overview	Zak LaFontaine, DUF6/OSMS Manager
Sections B, C, H, L & M Overview	Lori Sehlhorst, EMCBC Contracting Officer Reinhard Knerr, Deputy Manager for the PPPO Darlene Gill, EMCBC CHRM Specialist
Closing Remarks	Lori Sehlhorst, EMCBC Contracting Officer



Pre-Solicitation Briefing Purpose

- Early engagement with interested parties to highlight information regarding the Draft RFP.
- Identify and resolve concerns regarding the contents of the Draft RFP, including:
 - Feasibility of the requirement definition.
 - Suitability of the proposal instructions and evaluation criteria.
 - Availability of reference documents.
 - Other industry concerns or questions.



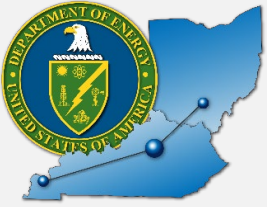
Logistics / Ground Rules

- No recording, copying or transcription devices are permitted.
- Only the designated DOE presenters are permitted to speak. All other attendees should remain on mute.
- During this briefing, no comments or questions about the Draft RFP should be submitted via the chat function on Microsoft Teams. Comments or questions about the RFP should be submitted to the PPPO TSS procurement mailbox at pppotss2@emcbc.doe.gov for DOE's consideration in preparing the Final RFP.
- DOE is not obligated to respond to comments or questions at this time.



Logistics/Ground Rules

- Today's briefing slides and the attendee list will be posted on the procurement website.
- Information provided today is at a summary level and subject to change.
- Nothing stated or presented during this conference should be construed as a revision to the Draft RFP.
- The written terms and conditions of the Final RFP, once released, will govern over information presented today.



Acquisition Process

- Draft RFP was released to industry on December 14, 2023.
- Industry is encouraged to comment on the Draft RFP by January 16, 2024.
- Comments may be submitted to the procurement email address at PPPOTSS2@emcbc.doe.gov for DOE's consideration in preparing the Final RFP.
- Comments shall be submitted in the Microsoft Excel format provided on the procurement website (do not edit the format, except addition of rows as needed).
- DOE will carefully consider comments received in response to the Draft RFP in preparing the Final RFP. DOE will not publish responses to the comments on the Draft RFP.



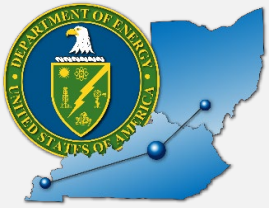
Acquisition Process

- The Final RFP is anticipated to be issued in Spring 2024.
- Once the Final RFP is issued, interested parties should submit questions/comments to email address:

PPPOTSS2@emcbc.doe.gov

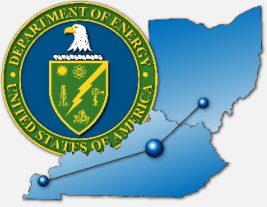
- DOE will post questions and answers to the Final RFP to the procurement website at:

<https://www.emcbc.doe.gov/SEB/PPPOTSS>.



Acquisition Process

- The proposal shall consist of three separate volumes:
 - Volume I – Offer and Other Documents
 - Volume II – Technical and Management Proposal
 - Volume III – Cost Proposal
- Minimum Proposal Acceptance Period will be 365 days after the required due date for proposals.
- Government intends to award a contract without discussions, as stated in Sections L and M of the RFP.
- Small Business Set-Aside Competition. The North American Industry Classification System (NAICS) code for this requirement is 562910, Environmental Remediation Services, and the small business size standard is 1000 employees.
- The PPPO TSS contract resulting from this acquisition will replace the Technical Support Services Contract awarded to Enterprise Technical Assistance Services, Inc. (E-TAS), which will expire March 31, 2025.



PPPO TSS Contract Purpose

PPPO requires a Technical Support Services (TSS) Contractor to provide technical and administrative support to assist the DOE with the oversight and management of: the clean-up activities, D&D activities, Depleted Uranium Hexafluoride (DUF6) operations, all aspects of on-site contractor operations, including general construction activities and On-Site Waste Disposal Facility (OSWDF) project related investigative and construction activities, geotechnical and design documents and regulatory compliance activities at the Portsmouth Gaseous Diffusion Plant (GDP)/site in Pike County, Ohio and the Paducah GDP/site in Paducah, Kentucky, and OSMS offices in Lexington, KY, and to provide services for the PPPO federal office located in Lexington, Kentucky, to include various technical engineering support functions, high quality and reliable information technology infrastructure and cyber security support, Safeguards and Security (S&S) oversight support, and general administrative support for all of the PPPO sites.

The PPPO TSS Contractor's support spans across all five of the following major prime contracts in support the PPPO EM Mission:

- (1) Portsmouth Decontamination and Decommissioning (D&D) Project
- (2) Paducah Deactivation and Remediation (D&R) Project
- (3) Operations and Site Mission Support (OSMS)
- (4) Portsmouth Infrastructure Support Services
- (5) Paducah Infrastructure Support Services



History of PPPO & Current Conditions

Vision Statement:

Safely working for a shared vision of a cleaner tomorrow.

In 2003, an EM top-to-bottom review resulted in the creation of the Portsmouth Paducah Project Office to support collaborative and accelerated cleanup of the federal Government's two remaining gaseous diffusion plants.



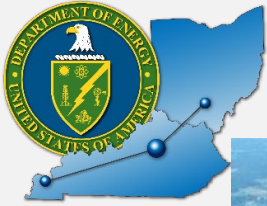
- Lexington Office
- Portsmouth Gaseous Diffusion Plant Site
- Paducah Gaseous Diffusion Plant Site
- Depleted Uranium Hexafluoride Conversion Facilities



History of PPPO & Current Conditions

- Virtual Tours and Virtual Museum posted to the Documents Library on the EMCBC procurement website ([PPPOTSS - DocLib \(doe.gov\)](https://www.doe.gov/PPPOTSS-DocLib))
- Single program with three distinct but interdependent projects
- United approach to managing cleanup reduces redundant tasks, increases safety, and ensures higher level of quality
- Integration of best practices across 3 projects
- PPPO Mission: to conduct the safe, secure, compliant, and cost-effective environmental legacy cleanup of the Portsmouth and Paducah Uranium Enrichment Sites on behalf of the local communities and the American taxpayer.
- Total Federal Staff: 73





History of PPPO & Current Conditions



Portsmouth

Workforce: ~2,400 (including DUF6)

- Deactivation, decontamination, decommissioning and demolition of site facilities
- Construction/Operation of OSWDF
- Soil/Groundwater Remediation
- Surveillance and Maintenance
- Infrastructure
- Environmental Monitoring
- Waste Management
- Safeguards and Security



Paducah

Workforce: ~1,300 (including DUF6)

- Deactivation, decontamination and decommissioning of site facilities
- Groundwater Remediation
- Soil/Surface Water/Burial Grounds Remediation
- Construction/Operation of OSWDF (if selected)
- Surveillance and Maintenance
- Infrastructure
- Environmental Monitoring
- Waste Management
- Safeguards and Security



DUF6 Conversion

Workforce: ~475 (DUF6 only)

- Conversion of over 67,000 14-ton cylinders of DUF6 into depleted uranium oxide
- Surveillance and Maintenance of UF6 cylinders and Cylinder Yards



Portsmouth Site Overview - Initial D&D Footprint



- 3,700 acres total
- 1,000 acre Limited Area
- 7 Mile Perimeter Road
- 415 structures / facilities
- 3 main process buildings
- 22 HazCat 2 Nuclear Facilities
- 145 acres under roof
- 300 Acre OSWDF footprint
- ~1.4M yd³ of demo debris
- ~3M yd³ of landfill/plume soil/fill available



Portsmouth Site Overview and Scope



Deactivation and Demolition

- Continue to deactivate and demolish the remaining facilities on site.

Soil Excavation and Remediation

- Continue to excavate landfills and plumes within perimeter road to provide soil for the placement of demolition debris.

OSWDF Construction and Operations

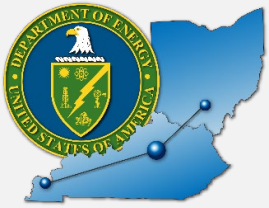
- Continue to construct the remaining cells at the OSWDF to provide capacity for the placement of contaminated soils and demolition and clean up debris..

Land Transfer and Site Utility Optimization

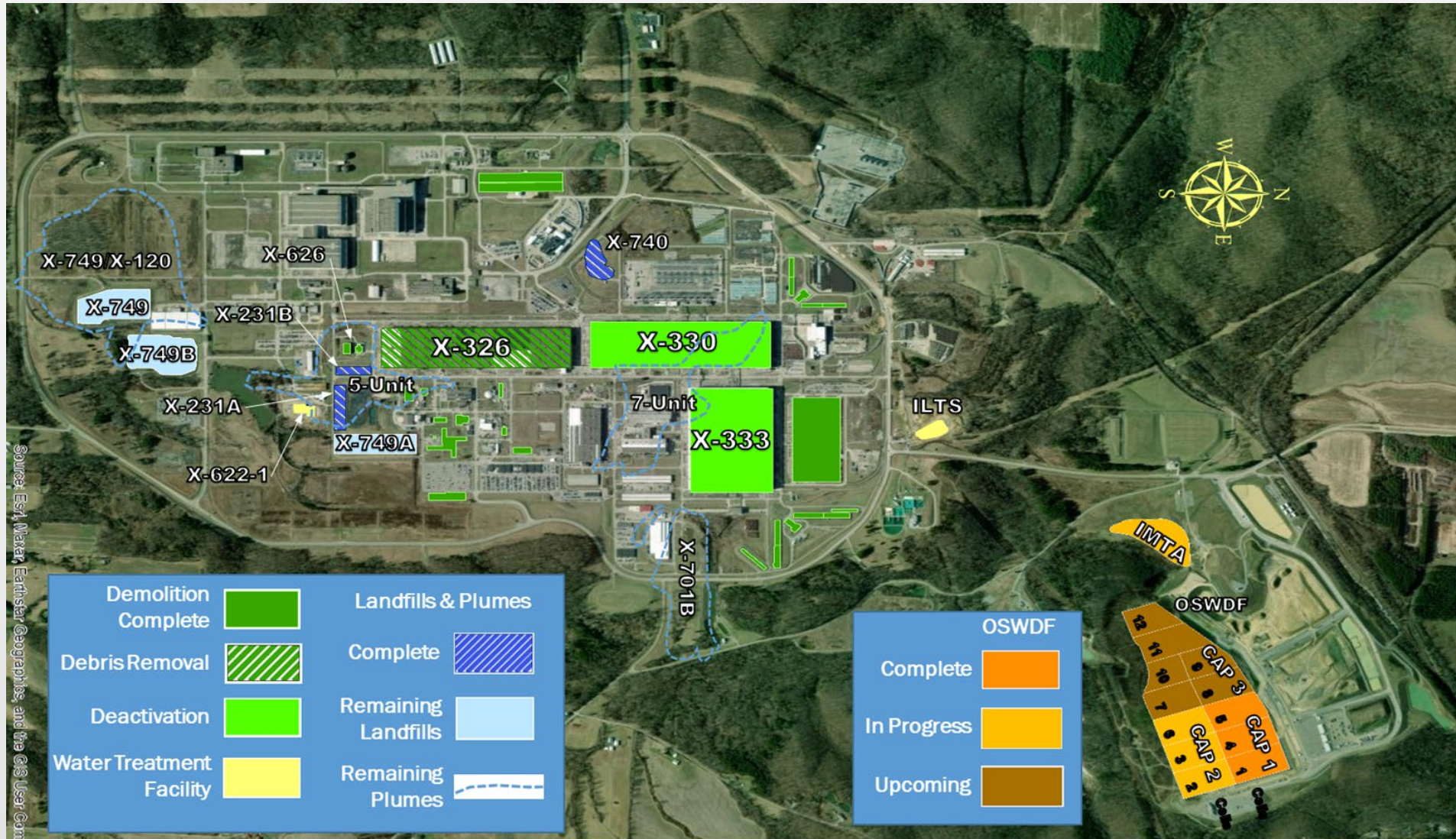
- Continue to evaluate and transfer land to Community Reuse Organization for future re-industrialization of the site.
- Continue to right size the utilities across the site for the future needs and reindustrialization of the site.

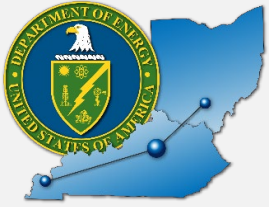
DUF6

- Steady state conversion operations
- Develop oxide shipment program



Portsmouth Site Overview and Scope – Current Project Status





Portsmouth Site Overview and Scope

Portsmouth Prime Contractors

Fluor-BWXT Portsmouth LLC

(scope will move to SOCCo and OSMS contractor)

- Project Management
- Facility Modification
- Infrastructure Optimization
- Decontamination/
Demolition
- Environmental Remediation
- Contract value ~\$2.5B
- ~1,950 employees (incl. subcontractors)

Northwind Dynamics, LLC

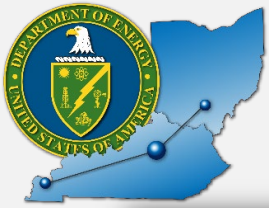
- Infrastructure (facility and road operations, maintenance)
- Security (classification)
- Records Management
- Property & Fleet Management
- Information Technology
- Contract value ~\$140M
- ~175 employees

Mid-America Conversion Services, LLC

- DUF₆ plant construction
- DUF₆ plant operation
- Cylinder management
- Contract value ~\$318M
- ~500 employees (3 locations)

Southern Ohio Cleanup Company, LLC (SOCCo)

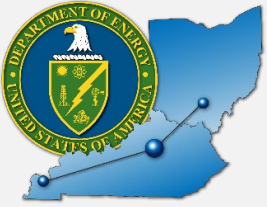
- Project Management
- CERCLA OSWDF design and construction
- S&M, Operate & Maintain Facilities, Waste Operations
- Decontamination/
Demolition
- Environmental Remediation
- Contract value \$5.87B



Paducah Site Overview and Scope

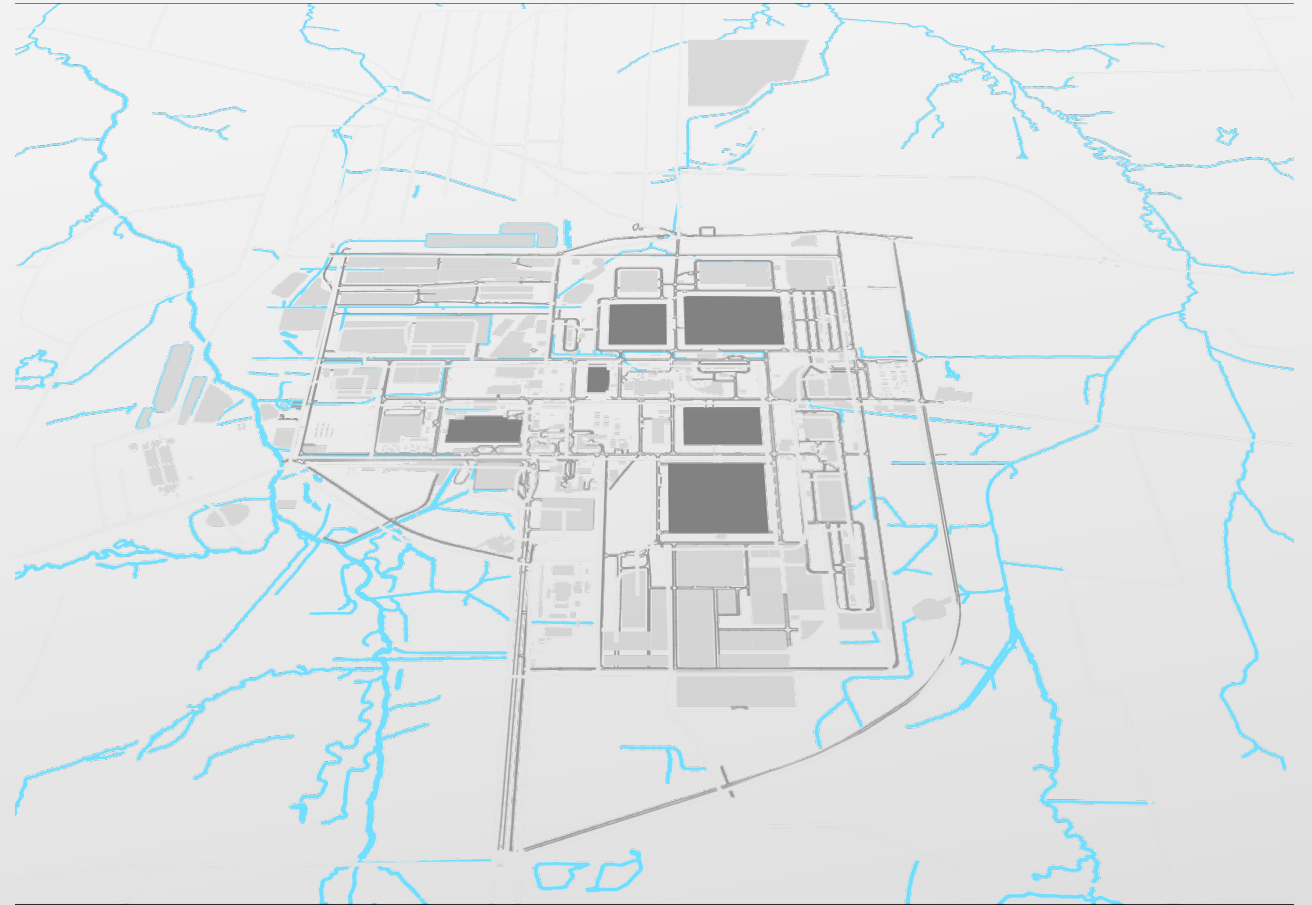


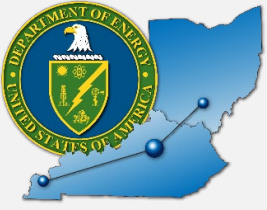
- Uranium Enrichment Operations: 1952-2013
- DOE Cleanup began in 1988
- Placed on the National Priorities List (NPL) in 1994
- Federal Facilities Agreement with US EPA Region 4 and KDEP
- Deactivation project for process buildings began in 2014



Paducah Site Overview and Scope

- 3,556 acres total
- 750 acre Limited Area
- 500 facilities/structures
- 4 main process buildings
- 74 total acres of the 4 main process buildings under roof
- 27 HC-2 facilities (FRNP & MCS)
- 4 HC-3 facilities (FRNP & MCS)
- 9 miles of railroad both on and off-site
- 19 miles of roadway





Paducah Site Overview and Scope

Stabilization & Deactivation

- Complete C-333 process building deactivation
- Reduce site footprint: Demolition of excess facilities

Remediation (Decision 2029)

- On-Site Waste Disposal Facility site study and regulatory documentation
- D&D regulatory documentation
- Environmental Media regulatory documentation

Utilities Optimization

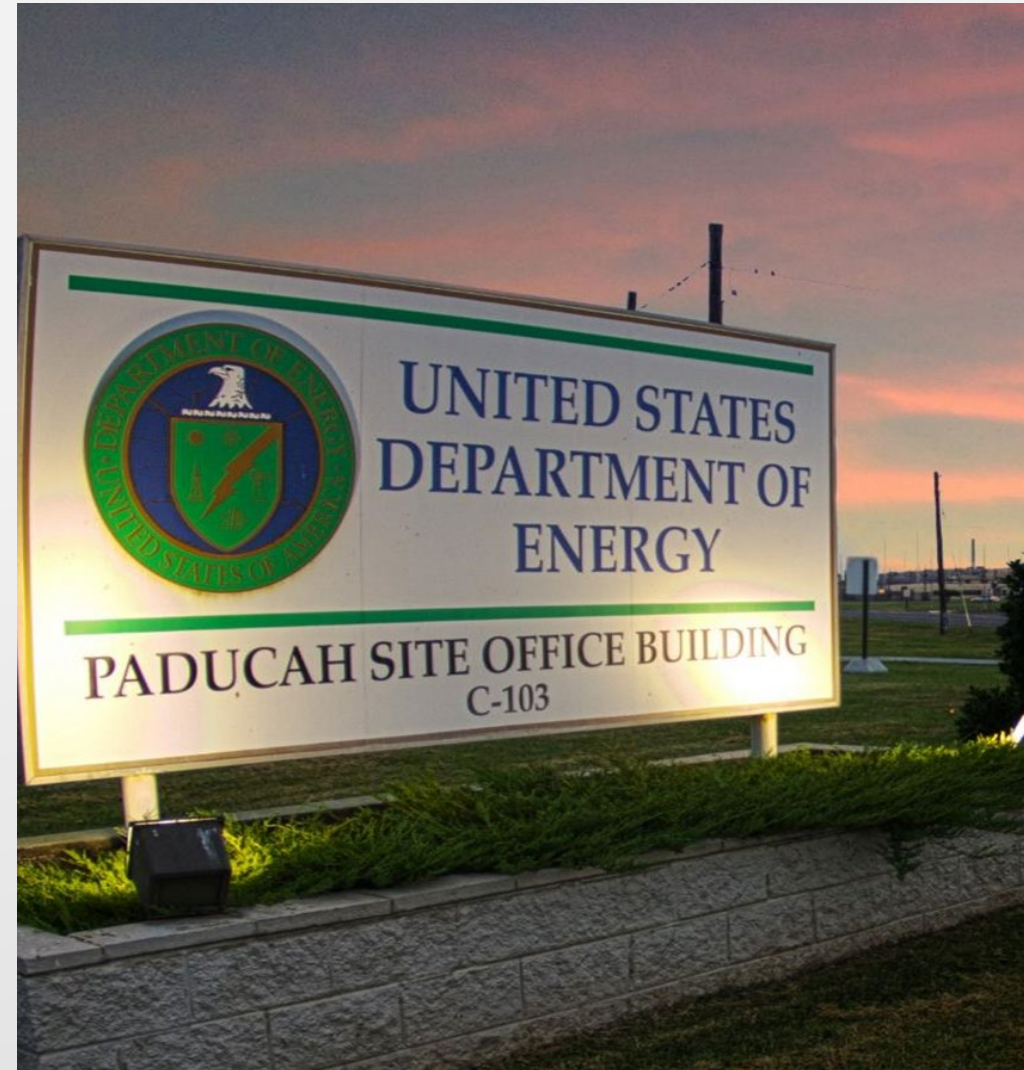
- Continue "rightsizing" the site for cleanup mission

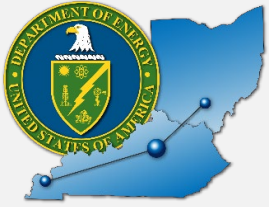
R-114 Removal

- Removal of all remaining Freon onsite

DUF6

- Steady state conversion operations
- Develop oxide shipment program





Paducah Site Overview and Scope

Paducah Prime Contractors



Four Rivers Nuclear Partnership

- Deactivation
- Remediation
- Stabilization
- Optimization
- Contract value is 1.3B
- 5-year contract w/option periods from July 2017 to June 2027
- Current employment is ~950 employees



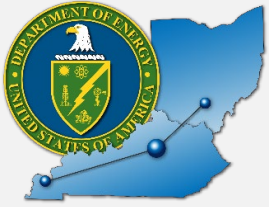
Swift & Staley Inc.

- Infrastructure (facility and road operations, maintenance)
- Security (classification)
- Records management
- Property and fleet management
- Information technology
- Contract value \$337M
- 5-year contract from December 2016 through September 2021; extended to July 2024
- ~210 employees



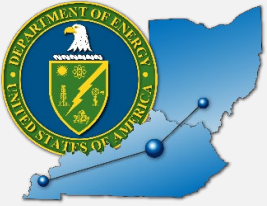
Mid-America Conversion Services

- DUF6 plant construction
- DUF6 plant operation
- Cylinder management
- 5-year contract w/options and extensions from February 2017 to March 2024
- ~\$275 million contract value (Paducah portion)
- ~220 employees (Paducah)



OSMS Overview

- The Operations and Site Mission Support (OSMS) (formally known as operation of the Depleted Uranium Hexafluoride Project [DUF6]) contract (currently under evaluation) encompasses DUF6 conversion operations, ongoing nuclear operations including Portsmouth X-340 Complex, power operations, waste management, utilities, safety envelope, and all cylinder transfer operations.

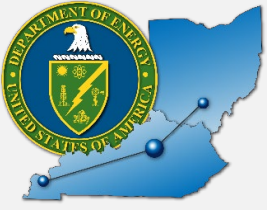


DUF₆ Project Overview and Scope



- DUF₆ resulted from the uranium enrichment process at three Gaseous Diffusion Plants (GDP) at Portsmouth, OH, Paducah, Kentucky, and Oak Ridge, Tennessee.
- DUF₆ placed in steel cylinders that accumulated over time in site storage yards.
- Facilities constructed at Portsmouth and Paducah that convert DUF₆ into aqueous hydrofluoric acid (HF), which is recycled into commerce, and stable uranium oxide for storage, beneficial reuse, or disposal.

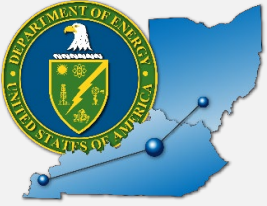
Approximately 67,000 cylinders initial DOE inventory



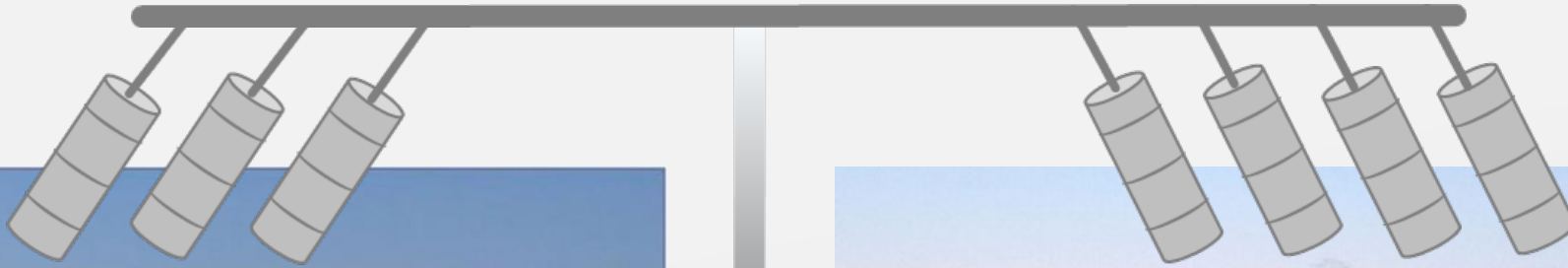
DUF6 Cylinders

- Typical size for a cylinder is four feet high (48 inches in diameter, ~12 feet long)
- 10-ton thick-walled cylinder weighs 4,500 lbs. (can hold 20,000 lbs. of DUF₆)
- 14-ton thin-walled cylinder weighs 2,600 lbs. (can hold 28,000 lbs. of DUF₆)





One DUF₆ Project – 7 Operating Lines

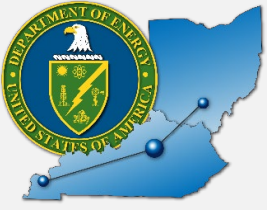


Portsmouth



Paducah

- Four operating lines at Paducah; Three operating lines at Portsmouth (fewer lines due to less inventory)
- Gain efficiencies through common design modifications
- Gradually increase production capacity
- Apply Lessons Learned across both sites



DUF6 Conversion Products

Conversion generates two products:

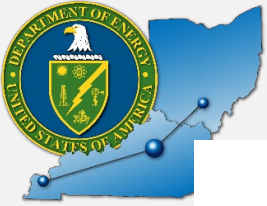
1. Uranium Oxide

- Stored for eventual disposal or reuse

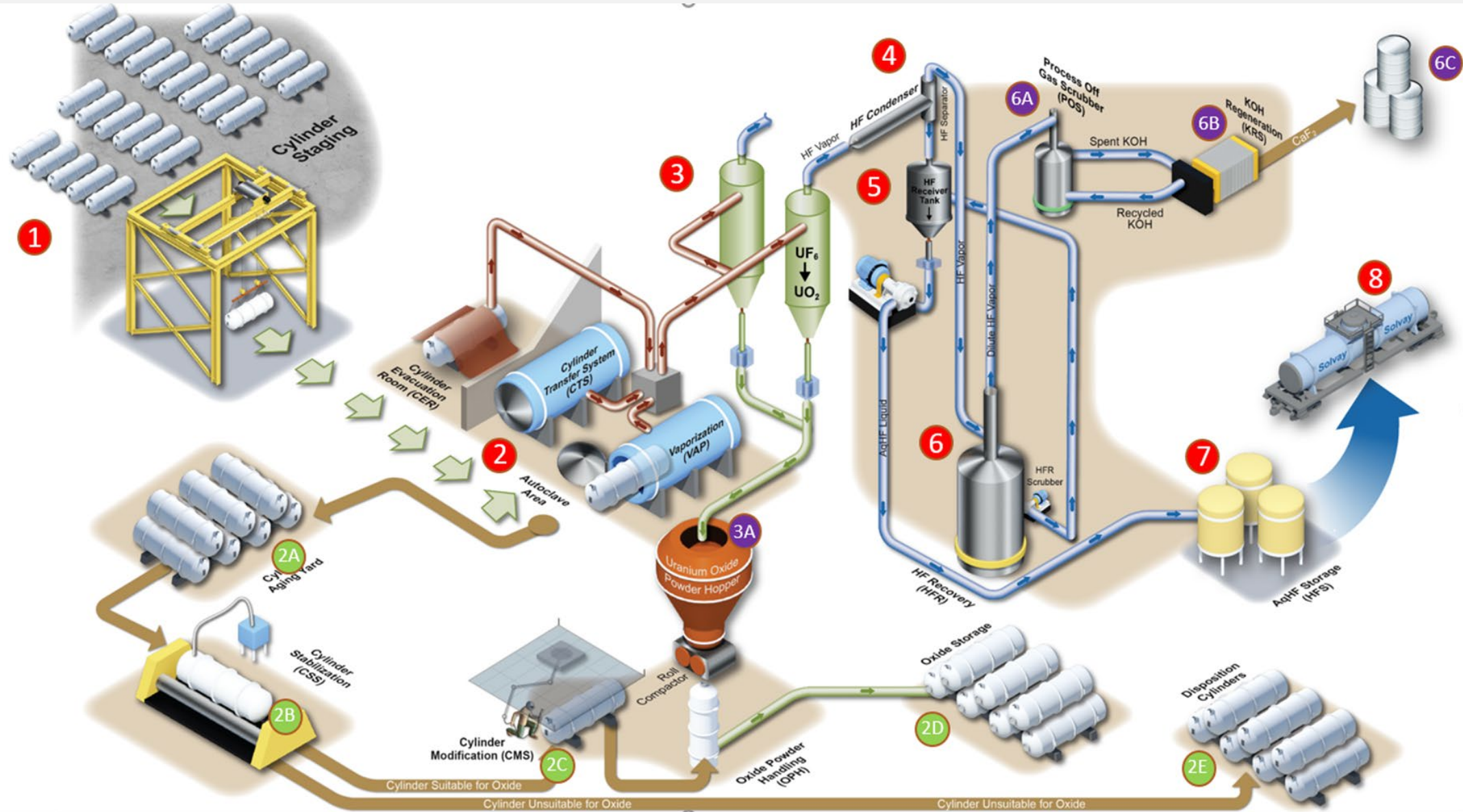
2. Aqueous Hydrofluoric Acid

- Avoids significant additional disposal costs of HF neutralization product calcium fluoride (CaF_2)
- Beneficial Reuse from Resource Recovery
- Off-sets a portion of operating costs





DUF6 Physical Process





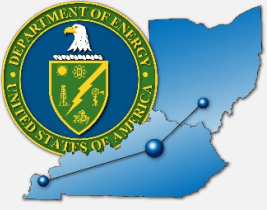
Interagency Work – National Nuclear Security Administration (NNSA) Support

DUF4

- NNSA Currently evaluating use of fourth line at PORTS to produce DUF4 as well as the use of Oxide as an alternative intermediate to fulfill HPDU needs.
- Project Pause is still in effect; NNSA alternatives analysis is still ongoing.
- Developed Oxide Intermediate Alternative schedule and cost estimate per NNSA request. Under review by NNSA.
- **4,172 DU cylinders** between both sites meet criteria for this need.

X-340s Natural Heel Consolidation & Domestic Uranium Enrichment (DUE) Support

- Safely consolidate Natural heels in X-342 and X-344 at PORTS.
- Completed consolidation of 1,420/1,702 heels (83%) as of 12/1/23.
- **4,198 depleted uranium (DU) cylinders** at PORTS reserved for thin-to-thick wall transfers in support of NNSA DU Enrichment project (59 cylinders sampled in FY21).



Interagency Work – Office of Nuclear Energy (NE) Support

- Cleaning and testing underway on 12” UF6 cylinders for NE. 15 cylinders have been cleaned and 6 have been hydrostatic tested as of 12/1/23.
- Provided 4 empty 5” cylinders and shipped them to a vendor to be tested and recertified to support NE mission and supply chain issues.
 - Currently working on emptying 6 additional cylinders to provide for this effort.
- PPO provides services to Centrus including utilities; fire, emergency management & Plant Shift Superintendent services; security; badging, analytical laboratory services; Health Physics/Industrial Hygiene services; telecommunications; environmental support; scale repair & calibration support and 12B Cylinder Support



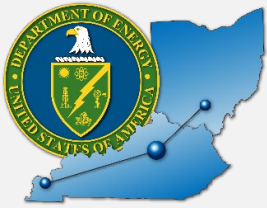
Draft RFP Overview

- Section B contains the Supplies or Services and Prices/Costs.
- Section C contains the Performance Work Statement.
- Clause H contains the Special Contract Requirements.
- Section L contains the proposal preparation instructions.
- Section M sets forth the basis for evaluation and method for award.



Section B – Primarily CPAF Contract Type

Table B.3-2 Contract Cost and Fee				
CLIN	CLIN Description			FFP
0001	Transition Period (60 days)			[\$Offeror Fill-In]
Base Period (2 Years, 10 months)				
		Estimated Cost	Available Award Fee	Estimated Cost and Fee
0002	Technical Support Services	[\$Offeror Fill-In]	[\$Offeror Fill-In]	[\$Offeror Fill-In]
0003	Additional Assignment in Accordance with PWS (IDIQ)	TBD	TBD	\$6,000,000
Total Base Period				[\$Offeror Fill-In]
Option Period 1 (1 year)				
0004	Technical Support Services	[\$Offeror Fill-In]	[\$Offeror Fill-In]	[\$Offeror Fill-In]
0005	Additional Assignment in Accordance with PWS (IDIQ)	TBD	TBD	\$2,000,000
Total Option Period 1				[\$Offeror Fill-In]
Option Period 2 (1 year)				
0006	Technical Support Services	[\$Offeror Fill-In]	[\$Offeror Fill-In]	[\$Offeror Fill-In]
0007	Additional Assignment in Accordance with PWS (IDIQ)	TBD	TBD	\$2,000,000
Total Option Period 2				[\$Offeror Fill-In]
Total Contract Value (Transition Period, Base Period, Option Period 1, and Option Period 2)				[\$Offeror Fill-In]



Section B – Provisional Payment of Fee

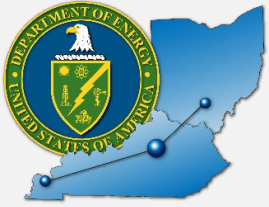
B.7 Provisional Payment of Fee

(e) *Certain terms and conditions of the Contract provide for provisional payment of fee for certain incentives. Other terms and conditions of the Contract provide for each such incentive the requirements the Contractor must meet to earn the fee linked to the incentive. The terms and conditions of the Contract that provide for provisional payment of fee for certain incentives include for each such incentive the requirements the Contractor must meet before the Government is obligated to pay fee, provisionally, to the Contractor and for the Contractor to have any right to retain the provisionally paid fee.*

→ paragraph (e) refers to the PEMP, which will be finalized 30 days prior to Transition completion

(i) *If provisional fee is provided for and the CO determines the Contractor has met all of the other applicable terms and conditions in the Contract required to be eligible for provisional payment of fee and the Contractor has accomplished established incentive(s) under the Contract, the Contractor is authorized to submit a voucher requesting provisional fee payment not more often than once per fiscal year quarter, at a prorated amount of up to 80 percent of the available fee for the respective Contract CLIN, pending satisfactory performance.*

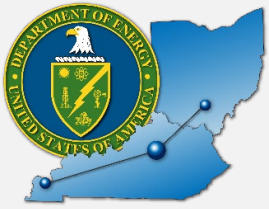
→ paragraph (i) reflects the latest EM-HCA approved guidance to allow up to 80% of available fee to be provisionally paid



Section C

Technical Support Services scope includes, but is not limited to:

- Contract Transition – 60 days
- Environmental, Safety and Health and Quality
- General Oversight Work Activities
 - Technical Oversight Work Activities
 - Regulatory Oversight
- Nuclear Material Management Oversight
- Nuclear Safety Basis Oversight & Safety Management Program Support
- Environmental Risk Assessments
- Information Technology Operations & Oversight
- Cyber Security Operations & Oversight
- Safeguards and Security Oversight
- General Support
 - Administrative
 - Fleet Administrative
 - Paralegal Assistance
 - Records Management
- Program Management & Project Integration
 - Project Management & Planning
 - Project Integration
 - Project Controls & Baseline Support
 - Budget Support & Oversight
- Contract Management Support and Oversight
- Property Transfer Oversight
- Public Affairs/Community Relations Oversight



Section C – Field Oversight

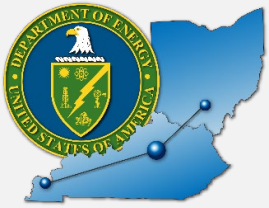
- The Technical Support Services contractor supports the Portsmouth/Paducah Project Office's (PPPO) with the implementation of the U.S. Department of Energy (DOE) Oversight Policy. Field oversight includes evaluations and oversight of onsite contractors supporting Portsmouth Decontamination and Decommissioning (D&D), Portsmouth Infrastructure, Paducah Deactivation and Remediation (D&R) Project, Paducah Infrastructure, and the Operations and Site Mission Support (OSMS) at both sites.
- The TSS will support the PPPO Quality Assurance Program Plan (QAPP) and participate with technical audits and surveillances of onsite contractors.



Section C – Field Oversight

Additionally, other PPPO oversight programs support operational oversight activities, assessments, and surveys. Eligible contractor programs requiring oversight include but are not limited to:

- Nondestructive Assay (NDA),
- Industrial Hygiene - Industrial Safety - Chemical Safety,
- IT contractor management and oversight related to PPPO Federal IT infrastructure,
- Fire Protection,
- Emergency Management,
- Engineering,
- Occupational Safety and Health Act (OSHA),
- Safeguards and Security (S&S) - Nuclear Material Management Oversight,
- Nuclear Safety Basis Oversight and Safety Management Program Support,
- Portsmouth Directors Final Findings and Orders (DDF&O) and
- Paducah Gaseous Diffusion FFA.



Section C – Project Management & Integration

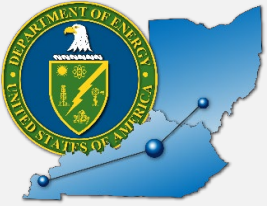
- One PPPO Approach
- The Contractor shall support PPPO in project management and planning to include baseline development, integration and oversight, fiscal planning, budget, and technical and cost analysis of projects. To support project planning, the types of systems that will be managed include Action Tracking System, Integrated Planning, Accountability, and Budgeting System (IPABS), Project Assessment and Reporting System (PARS II), Cobra, etc.
 - Particular focus on the cost and schedule development support the annual FSLE updates (PPPO Integrated Site-Wide Life Cycle Baseline (ISWLCB)), utilizing an integrated approach further aligning Paducah clean-up actions with the approach used at Portsmouth;
 - Further enhancing Paducah’s strategic approach (Decision 2029) to implement a site-wide, holistic approach to the clean-up reflecting the Portsmouth successes and applying lessons learned.
- The Contractor shall provide support to integrate, process, track, analyze, and report data for all PPPO projects in the following areas: project management, project control, life cycle planning, performance measurement, budget planning and execution, and financial management.



Section C – Purchases/Real Property Management

Purchases

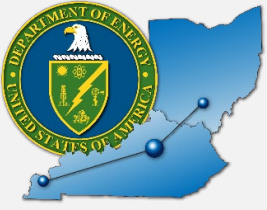
- The contractor shall procure IT related equipment/software/tools/and other miscellaneous items as directed by the PPPO. Tasks associated with this procurement include but are not limited to:
 - Create/submit an annual IT Spend Plan and Annual Cyber Security Spend Plan
 - Maintain a log of all technology software and hardware procurements
 - Manage existing software license and hardware agreements
 - Includes renewals
 - Ensure the procurement process includes timely communication, coordination, and identification of procurements and the procurement process
- All procurement shall follow applicable contract requirements and federal regulations



Section C – Purchases/Real Property Management

Real Property Transfers

- The contractor shall assist in compliance requirements for applicable land transfer, ensuring that federal requirements, regulations, and appropriate authorities and parties are used. Tasks associated with this effort include, but are not limited to:
 - Participate in development/revision of protocol for:
 - Environmental Regulatory Process U.S Department of Energy Portsmouth Paducah Project Sites Vol. 1: Uncontaminated Property; Volume 2: Effectiveness Determination; & 3: Covenant Deferral
 - PPPO Procedure, Planning for Due Diligence of Real Property Transfer
 - Provide screening of proposed real property actions against existing regulatory documents
 - Prepare environmental baseline information and due diligence research to support real property transfer
 - Participate in working groups to provide status information, discuss transfer topics of interest, and lessons learned



Section C – Safeguards & Security

- Security support services must be both effective and efficient. An effective system is robust, resilient, adaptive and consistent with the changing mission needs. An effective system also must support multiple S&S programs with security management responsibilities for the protection of facilities at Lexington, Portsmouth and Paducah. Assets located at facilities include CUI information, classified matter up to S/RD and Special Nuclear Material up to Category III. An efficient system operates at reasonable cost and imposes minimal burdens on contractor organizations carrying out the primary security missions. Therefore, the objectives of this contract are to improve performance, contractor organization security oversight (including surveys and assessments), increased effectiveness and efficiency in the execution of S&S technical security support services at PPPO.



Section C – Safeguards and Security Scope

Primary security support services contract scope include:

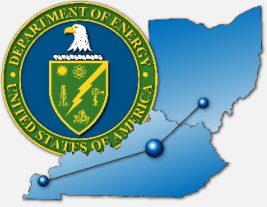
- Maintaining and implementing an effective and robust security program for the PPPO Lexington (LEX) Federal facility code. (LEX does not have a protective force or nuclear material control and accountability (NMCA) program.)
- Provide senior level security expertise at all three facilities supporting PPPO management, ODFSA and federal security personnel with assistance in oversight, document reviews and facilitating site security scope with the primary contractors at the respective sites. Expertise includes team management, survey team members, general site security subject matter experts, information security/classification and expertise in NMCA related activities.
- Maintain, perform, and improve the PPPO security survey program, minimally, including an annual survey at LEX, PAD, and PORTS.
- Perform data entry for all facilities into the Safeguards Security Information Management System for findings, incidents and contract registration (Prime Contractors only).



Section C – IT Operations Scope

C.7.1 IT Support Services

The contractor will be responsible for developing, implementing, and supporting high availability Enterprise Information Technology environments including but not limited to: VMWare Implementation Support and Architecture, VMWare NSX, Cisco Networking (Physical and Virtual), VoIP Implementation and Management, Microsoft Server Administration, Linux Server Administration, Database Administration, Application Code Development and Maintenance in Azure DEVOPS, Microsoft O365 and Azure Cloud Management, SharePoint, Service Desk Management and End User Support, Storage Administration, Hardware Management and Procurement, License Management, Datacenter Management, Wireless Networking, and other IT relevant functions.



Section C – IT Operations Scope

C.7.1 IT Support Services:

C.7.1.1 IT Management and Oversight

- Provide IT contractor management and oversight for all related activities to support the PPPO Federal IT infrastructure

C.7.1.2 Project Management and IT Coordination

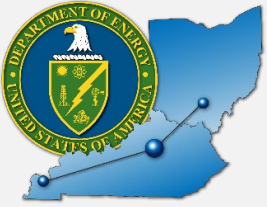
- Maintain the IT project plan and coordinate all IT tasks and provide a monthly project report on the status of all in the PPPO SharePoint Project Web Application (PWA)

C.7.1.3 IT and Cyber Security Documentation

- Create and maintain IT and Cyber Security Documentation and includes annual reviews and updates

C.7.1.4 End User Support and Helpdesk Services

- Provide desktop service for problem resolution for PPPO federal and contractor support personnel at all three (Lexington, Portsmouth, Paducah) sites.



Section C – IT Operations Scope

C.7.1 IT Support Services (Cont'd):

C.7.1.5 Network Operations and Systems Support

- Establish, implement and operate the PPPO networks at all three (Lexington, Portsmouth, Paducah) sites

C.7.1.6 Shared Services Environment

- Implement, maintain and support a shared services environment that will support PPPO staff and contractor organizations as a centralized location for document sharing and collaboration and general use services

C.7.1.7 Software/Application Development and Support

- Test, implement and support any Commercial off the Shelf (COTS), Government or contractor developed software/application, develop new applications, SharePoint administration and maintain all code and process within the PPPO Azure DEVOPS system

C.7.1.8 Database Administration

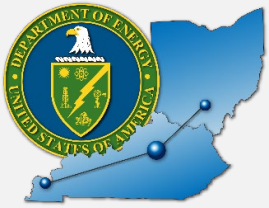
- Plan, test, implement and support any Database on the PPPO network



Section C – Cyber Security Operations Scope

C.7.2 Cyber Security

The contractor will be responsible for developing, implementing, and operating an Enterprise Cyber Security Program compliant with DOE O 205.1C and National Institute of Standards and Technology (NIST) Special Publication (SP) 800 53a that include but are not limited to: System Security Plan (SSP), Policy, Procedure and Plan Development, Incident Response, Contingency Planning, Security Appliance Management, Program Planning and Integration, Vulnerability Management, Risk Assessments, Splunk, Communications Security (COMSEC), Information Security (INFOSEC), Data Call Management, and other required cyber security activities.



Section C – Cyber Security Operations Scope

C.7.2 Cyber Security (Cont'd):

C.7.2.1 Federal Office Cyber Security Operations

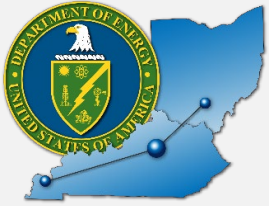
- The Contractor shall provide cyber security program design, implementation, and management at the PPPO Federal office. This includes executing programmatic and technical aspects of the cyber security program in close coordination with Information Technology, Safeguards and Security, Legal, Human Resources, and management personnel.
- These Activities include but are not limited to:
 - Compliance management
 - Data Call management
 - SSP management in the PPPO Governance, Risk, and Compliance (GRC) tool
 - Conducting annual self-assessments
 - Annual document review and update
 - Supporting incident response and event review processes
 - Supporting and managing the COMSEC and INFOSEC activities
 - Supporting a three site NSS



Section C – IT & Cyber Security Oversight Scope

C.8 Information Technology and Cyber Security Oversight

- The contractor shall provide information technology oversight for the PPPO Federal Office. The Contractor shall design, implement, and manage an oversight capability for the PPPO, assessing contractor and subcontractor information technology programs and their adequacy, efficiency, and cost-effectiveness in meeting mission objectives and mission support needs for PPPO projects at PPPO sites.
- The Contractor shall provide cyber security oversight support at the PPPO Federal Office. The Contractor shall design, implement, and manage cyber security oversight capability for the PPPO, assessing contractor and subcontractor cyber security programs and government-owned/contractor-operated information systems across PPPO sites.



Section H CHRM Requirements

NOTEWORTHY CONTRACTOR HUMAN RESOURCE CLAUSES:

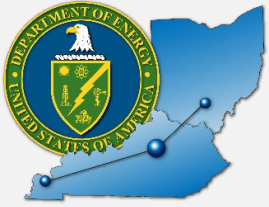
- H.4 SPECIAL PROVISIONS APPLICABLE TO WORKFORCE TRANSITION AND EMPLOYEE COMPENSATION: PAY AND BENEFITS

- H.5 WORKFORCE TRANSITION AND BENEFITS TRANSITION: PLANS AND TIMEFRAMES

- H.8 DOE-H-2049 INSURANCE REQUIREMENT

- H.9 DOE-H-2073 RISK MANAGEMENT AND INSURANCE PROGRAM

- H.10 OVERTIME CONTROL REPORTING



Section H CHRM Requirements

H.4 SPECIAL PROVISIONS APPLICABLE TO WORKFORCE TRANSITION AND EMPLOYEE COMPENSATION: PAY AND BENEFITS

Preference in Hiring - The Contractor shall provide during the transition period preferences in hiring to eligible non-exempt Incumbent Employees for positions that are substantially equivalent to the position held or a position for which they meet the qualifications in accordance with applicable law.

Pay and Benefits – Establish pay and benefit programs consistent with applicable law and are market-based and competitive with industry from which the Contractor recruits.

Service Credit – Contractor shall recognize service credit for Incumbent Employees transitioning over to the new contract to determine rates of accruing leave; accrued leave balances are carried over.

Compensation Plan – The Contractor shall submit a Contractor Employee Compensation Plan that reports compensation practices, programs and costs and reports benefit plans and costs.

Key Personnel Annual Salaries – Contractor shall submit within 20 days of Contract effective date the proposed salaries of key personnel for a determination of reasonableness and allowability under the Contract. Salaries submitted in the proposal are not guaranteed for approval post award.



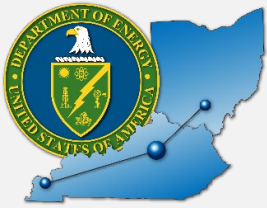
Section H CHRM Requirements

H.5 WORKFORCE TRANSITION AND BENEFITS TRANSITION PLANS AND TIMEFRAMES

Several deliverables are required during transition and are noted in this Clause with specific timeframes. Important to be familiar with the requirements.

Transition deliverables include:

- Workforce Transition Plan
 - draft due within 10 days /final within 15 days
 - Weekly Preference-in-Hiring reports
- Benefits Transition Plan
 - due within 15 days



Section H – Business System Requirements

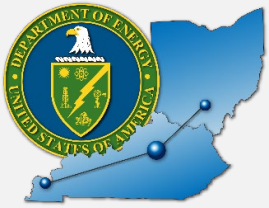
There are two required business systems the Contractor shall establish and maintain throughout the contract:

(H.12) Accounting System

- Required for cost reimbursement contracts per FAR 16.301-3. An adequate accounting system also reasonably assures reliability of cost data, minimization of misallocation and mischarge risk, and consistency between contract allocations/charges and billing procedures.

(H.13) Contractor Property Management System

- Per **C.7.1.10 Asset Management**, the Contractor is required to manage Government Property associated with IT and Cyber work scope.
- The Contractor shall establish and maintain an acceptable property management system, and shall utilize the DOE's internal database, Inventory Management System, for its property control record in accordance with 41 CFR Part 109.



Section H – Performance Guarantee

H.15 DOE-H-2016 Performance Guarantee Agreement (Oct 2014)

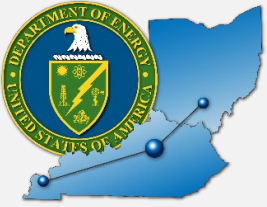
The Contractor's parent organization(s) or all member organizations if the Contractor is a joint venture, limited liability company, or other similar entity, shall guarantee performance of the contract as evidenced by the Performance Guarantee Agreement incorporated in the Contract in Section J, Attachment J-8. If the Contractor is a joint venture, limited liability company, or other similar entity where more than one organization is involved, the parent(s) or all member organizations shall assume joint and severable liability for the performance of the contract. In the event any of the signatories to the Performance Guarantee Agreement enters into proceedings related to bankruptcy, whether voluntary or involuntary, the Contractor agrees to furnish written notification of the bankruptcy to the CO.



Section H – OCI Between PPPO Site Contracts

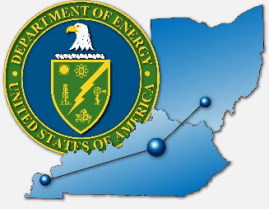
H.52 Organizational Conflict of Interest Between PPPO Site Contracts

“Performance of the Contract will be restricted throughout the Contract period of performance to a Contractor that is not concurrently performing the Portsmouth Decontamination and Decommissioning (D&D) contract, the Paducah Deactivation and Remediation (D&R) contract, the Operations and Site Mission Support (OSMS) contract, the Portsmouth Infrastructure Support Services contract, the Paducah Infrastructure Support Services contract, or other future PPPO contracts with those work scopes. This Contract restriction applies to any teaming member(s) as described in FAR 9.6, Contractor Team Arrangements, pre-selected subcontractor(s), parent companies or affiliates of the teaming member(s), or pre-selected contractor(s), concurrently performing the Portsmouth D&D contract, the Paducah D&R contract, the OSMS contract, the Portsmouth Infrastructure Support Services contract, the Paducah Infrastructure Support Services contract, or other future PPPO contracts with those work scopes.”

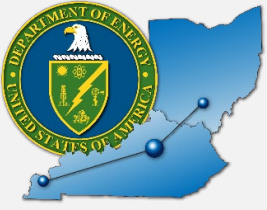


Sections H, K, L – OCI Considerations

- DOE has determined there are impaired objectivity OCIs across the TSS PWS in the oversight support the Contractor will provide for all five (5) major PPPO prime contractors, because the TSS Contractor must be able to provide impartial advice to the Government on the sufficiency and overall compliance of all five of these contractors. Essentially the award of the TSS contract will be restricted to a company that is not part of any of these five major contracts, or other future PPPO contracts with those work scopes. Therefore, the PPPO TSS RFP includes performance restriction language as a result of the impaired objectivity OCI at:
 - Section H.52, *Organizational Conflict of Interest Between PPPO Site Contracts*
 - Section L.12 Volume I instructions, similar to the current OSMS procurement and recently awarded Portsmouth D&D procurement
- Separate from the DOE identified impaired objectivity OCI discussed above, the RFP also includes a Section K provision regarding OCI disclosure for other potential OCIs:
 - Section K.8, *Organizational Conflict of Interest Certification*



Overview of Draft RFP Sections L and M (pre-award)



Foreign Ownership, Control, or Influence (FOCI)

L.12 (h) Facility Clearance verification (Vol. I Responsibility Determination)

- Highly encouraged to transmit FOCI information before the proposal receipt deadline.
- When filling out the New User Registration information in the DOE FOCI ESS, select “**Environmental Management Consolidated Business Center**” as the FOCI Office
- Include the solicitation name and number in the “Reason for Request” field.
- Unless currently cleared by another Government Agency, use of the DOE FOCI Electronic Submission System (ESS) is mandatory for all Offerors, JV/LLC member(s) including Parent Companies, and Teaming Subcontractors, who shall complete the required entries into the DOE FOCI ESS by way of submitting a new or updated package.
- **Teaming Subcontractor(s) that will not require access authorizations consistent with DEAR 952.204-73 are not required to submit the information contained within this provision; however, the Offeror’s proposal must clearly identify the Teaming Subcontractor(s) by company name and state that the Teaming Subcontractor(s) will not require access authorizations for the work proposed to be performed.**
- If the Department identifies missing information or has questions regarding any information, it may reach out to the Offeror during the evaluation process for clarifications. The Offeror shall submit any information requested by the Department (FOCI Manager or CO) as soon as possible. ***Note: This will not constitute “negotiations” (or “discussions”) as defined in paragraph (d) of FAR 15.306 or obligate the Government to conduct discussions; nor constitute a “proposal revision” as defined in FAR 15.001.***



Section M

Volume II Factors:

1. Organization and Management Approach
2. Key Personnel
3. Past Performance

Organization and Management Approach is more important than Key Personnel and Past Performance. Key Personnel and Past Performance are equal in importance.

Volume III Cost & Fee:

Price reasonableness will be performed on the proposed Contract Transition price, the proposed direct labor rates applied to the DOE-Provided quantity of Direct Productive Labor Hours (DPLH), escalation, and Non-Labor Costs (materials, travel, and Other Direct Costs).

A cost realism analysis will be performed on the Offeror's proposed indirect costs (i.e., fringe benefits, overhead, and G&A) to ensure the proposed cost elements are realistic for the work to be performed.

Basis for Award:

The Government intends to award one contract to the responsible Offeror whose proposal is determined to be the best value to the Government.

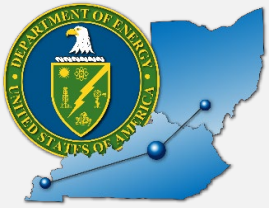


Section L, Volume II Instructions

Factor 1 – Organization and Management Approach (10 page limit)

Organization – Provide an organizational chart graphically depicting the functional areas of the proposed organization that the Offeror considers essential for the management and performance of the PPPO TSS PWS. The Offeror shall describe:

- Rationale for organizational structure;
- Roles, responsibilities, and lines of authority; and
- Workforce recruitment and retention.

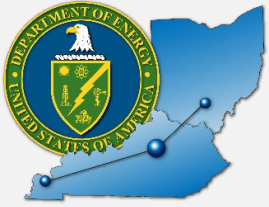


Section L, Volume II Instructions

Factor 1 – Organization and Management Approach (Cont'd)

Management Approach - The Offeror shall describe its management approach to:

- Effectively manage and implement high performing and reliable Information Technology (IT) and Cyber Security Operation and Oversight (PWS C.7 & C.8) programs and systems. The Offeror shall also describe its approach to develop and implement improvements to work processes, procedures, and IT/Cyber system performance and security posture.
- Effectively manage and implement the Program Management & Project Integration (PWS C.11) requirements including implementing relevant program management leading practices (e.g., developing a three-site program management plan; an integrated master schedule; and a reliable, integrated, comprehensive life-cycle cost estimate).
- Support the integrated *OnePPPO* approach to unify the three locations (the Portsmouth Gaseous Diffusion Plant (GDP)/site in Pike County, OH; the Paducah GDP/site in Paducah, KY; and the Portsmouth/Paducah Project Office (PPPO), in Lexington, KY) into an integrated program. The Offeror shall also describe management and communication techniques to execute an efficient usage of personnel across all three locations and minimize interorganizational segregation to offer a consistent approach across PPPO.



Section L, Volume II Instructions

Factor 2 – Key Personnel

- Required Key Personnel (5) - The Offeror shall propose:
 - Program Manager;
 - Portsmouth Project Manager;
 - Paducah Project Manager;
 - OSMS Project Manager; and
 - Information Technology (IT) Manager.
- Completed Attachment L-2 Resume Format (4 page limit)
- Signed Commitment Letter (1 page limit)

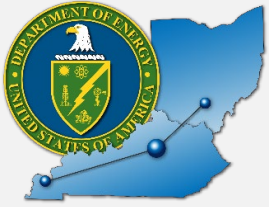


Section L, Volume II Instructions

Factor 3 – Past Performance

Similar scope, size, and complexity are defined as follows based on the portion of work that each entity is proposed to perform:

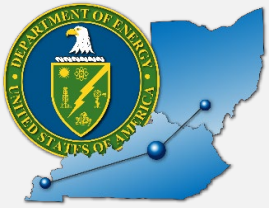
- Scope – type of work (e.g., work as identified in the PWS, including similar work of a non-nuclear nature and/or similar non-DOE work);
- Size – dollar value (approximate average annual value in relation to proposed work; annual contract value of approximately \$30M for evaluation purposes); and
- Complexity – performance challenges (e.g., performing contracts developing, implementing, and supporting high availability Enterprise Information Technology (IT) environments; management of contracts developing, implementing, operating, and overseeing an Enterprise Cyber Security Program; oversight of reviewing, developing, and/or implementing environmental, safety, health, quality assurance, and security plans and programs in compliance with environmental and regulatory guidelines, including but not limited to 10 CFR 830, 10 CFR 835, 10 CFR 851, and the DOE S&S 400 series Orders; project management, budget and baseline management (Federal site lifecycle estimate (FSLE)); interfaces with multiple contractors and federal entities; managing and implementing task order, subcontract and procurement actions in a compliant and efficient manner; and successful partnerships with the Government, Client, and Regulators). **Note: Only address the complexities that each entity is proposed to encounter in relation to portion of work the entity is proposed to perform.**



Section L, Volume II Instructions

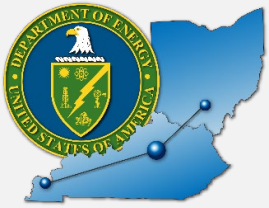
Factor 3 – Past Performance (Cont'd)

- Completed Attachment L-3 Past Performance and Experience Information Form (7 page limit)
- Completed Attachment L-4 Past Performance Cover Letter and Questionnaire
- Completed Attachment L-5 List of Contracts Terminated for Default, Cure Notices, and Conditional Payment of Fee/Profit/Other Incentive Actions
- Completed Attachment L-9 List of DOE Contracts
- Past Performance Consent Statement(s)



Section L, Volume III – Cost & Fee

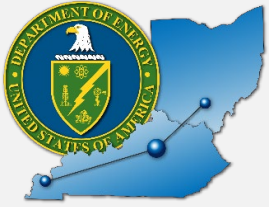
- Solicitation will include estimated quantity of Direct Productive Labor Hours (DPLH), by labor category and contract year and unburdened base labor rates for each labor category.
- Offerors will propose direct labor costs (labor rates multiplied by DPLH), indirect rates (fringe benefits, overhead and G&A), escalation and Other Direct Costs (material, travel and supplies) by contract year.
- The Offeror shall propose the labor categories and base rates as shown in Attachment L-6. The use of the DOE-provided minimum base rates satisfies the requirements for a Total Compensation Plan pursuant to the provision at FAR 52.222-46, *Compensation for Professional Employees*.
- In addition to the provided labor categories, the Offeror shall propose its management structure (including all required Key Personnel).



Requesting Controlled Unclassified Information (CUI)

- The PPPO TSS procurement has associated informative documents that are considered Controlled Unclassified and are not available for public viewing.
- After the DRFP comment period closes, DOE will post instructions to the PPPO TSS EMCBC procurement website for requesting CUI pertinent to proposal preparation.
- Instructions will require a signed Non-Disclosure Agreement (NDA) from an interested party.
- The completed Non-Disclosure Agreement Form will be reviewed by DOE, and a determination will be made whether to provide access to the CUI documents to the interested party.
- Below is a current index of CUI DOE has determined to be made available to industry:

September 16, 2021	Portsmouth/Paducah Project Office Cyber Security Program Plan, Rev. 0.
	<i>Attachment 1 PPPO Cyber Incident Escalation List</i>
	<i>Attachment 2 PPPO Information System Overlay v1.4</i>
	<i>Attachment 3 PPPO Cyber Security Standardized Architecture Software List</i>
	<i>Attachment 4 PPPO Cyber Security Event and Alert Baseline</i>
	<i>Attachment 5 PPPO Target CSF Profile</i>
	<i>Attachment 6 PPPO NIST 800-53 R5.1 Security Control Template</i>
February 5, 2021	Office of Environmental Management Departmental Element Cybersecurity Program Plan, V1.0



Closing Remarks

- Industry is encouraged to comment on the Draft RFP by January 16, 2024. Comments may be submitted to the procurement email address at PPPOTSS2@emcbc.doe.gov for DOE's consideration in preparing the Final RFP.

- Details for this procurement can be found at the below website links:

DOE PPPO TSS Procurement:

<https://www.emcbc.doe.gov/SEB/PPPOTSS>

DOE EMCBC Quarterly Procurement Updates:

https://www.emcbc.doe.gov/SEB/EM_QPU

List of EM Small Business Resources

[EM_QBO \(doe.gov\)](#)