



U.S. DEPARTMENT OF
ENERGY

OFFICE OF
**ENVIRONMENTAL
MANAGEMENT**



Paducah Infrastructure Support Services Site Presentation and Site Tour



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Contracting Officer

William Wessel

Federal Project Director

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Welcome and Purpose

- Site Presentation and Site Tour for the U.S. Department of Energy (DOE) Infrastructure Support Services procurement at the Paducah Site near Paducah, Kentucky.
- Purpose of the Site Presentation and Site Tour:
 - Provide information to potential Offerors.
 - Visualize physical descriptions of scope that may be included in the PWS.
 - Allow Offerors to gain a better understanding of the Paducah Site for the Paducah Infrastructure Support Services RFP.

- **Logistics/Ground Rules**
- **Site History, Background and Technical Topics – *William Wessel, Federal Project Director***
 - Site History
 - DOE Missions
 - Paducah Site Interfaces
 - Performance Work Statement
- **Acquisition Specifics – *Jose Ortiz, Procuring Contract Officer***
 - Overview of the Acquisition Process

Logistics/Ground Rules

- No audio or video recording is permitted.
- DOE will not answer any questions during the site presentation or site tour. Rather, interested parties are encouraged to submit their questions/comments pertaining to the information provided today via the e-mail address at PADISS2024@emcbc.doe.gov.
- Due date for questions/comments is June 13, 2024.
- DOE will post official responses to the procurement website at: https://www.emcbc.doe.gov/SEB/PAD_ISS

Logistics/Ground Rules

- Briefing slides, script and attendee list will be posted on the procurement website.
- The written terms and conditions of the RFP will govern over any information presented today. Information provided today is at a summary level.
- Please put cell phones and other communication devices on silent mode.

Site History, Background and Technical Topics

William Wessel
Federal Project Director

Paducah Site History



Paducah selected for second of three enrichment plants for defense



Energy Policy Act of 1992 establishes USEC to take over plant operations



Enrichment operations end and DOE cleanup mission expands



DOE mission focuses on stabilization, deactivation, optimization, and remediation



1950

1988

1992

2006

2013

2014

2015

Contamination is discovered and response actions began



DUF6 plant is built to convert 46,000 cylinders of depleted uranium into more stable material



DOE assumed control of all facilities at PGDP to begin deactivation



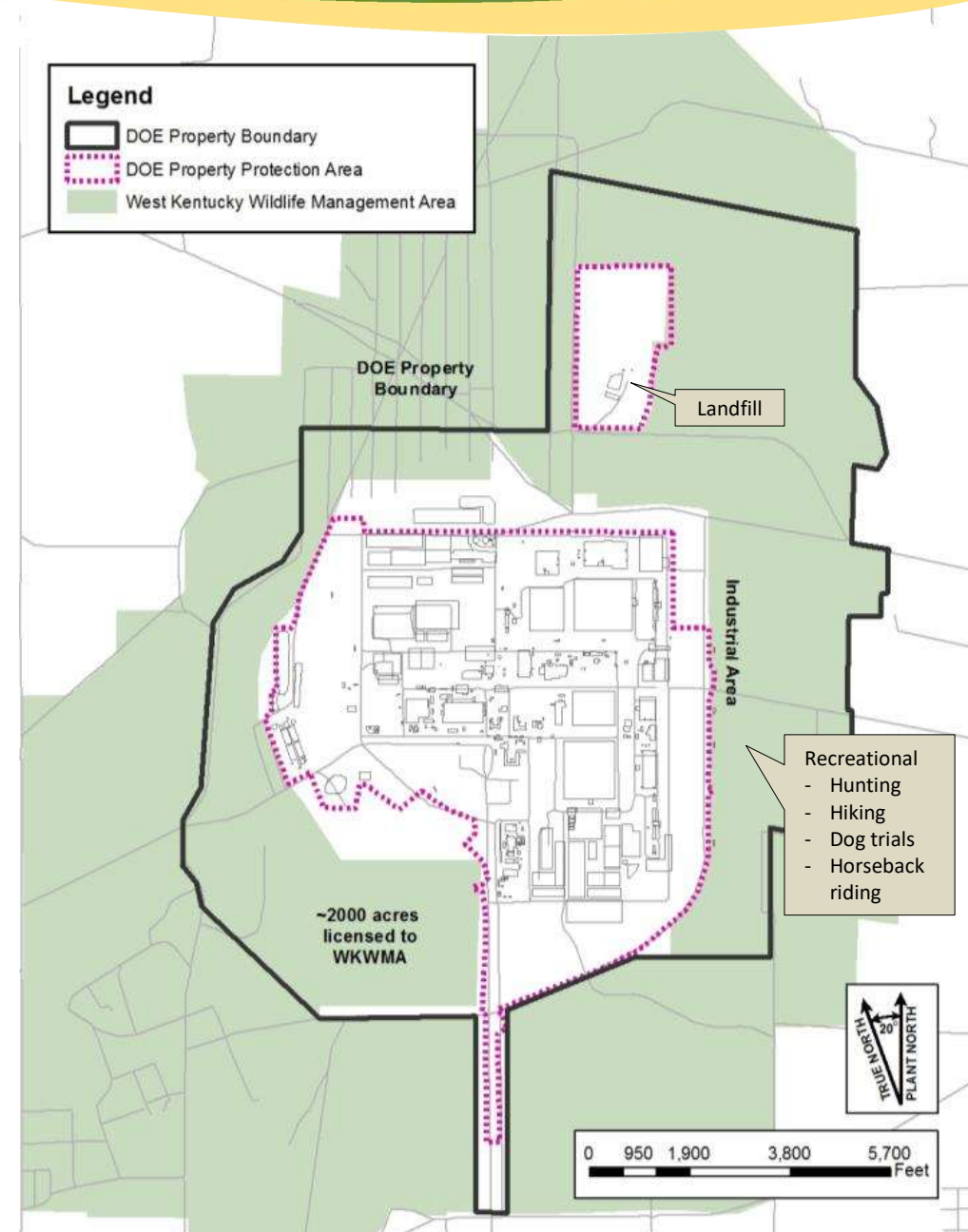
The Mission of the Paducah Site is twofold:

- Conduct the safe, secure, compliant, and cost-effective environmental legacy cleanup of the Paducah Uranium Enrichment Site on behalf of the local communities and the American taxpayer
- Safely convert DUF_6 into a more stable form for beneficial reuse or disposal thus reducing immediate and future risk to workers and the surrounding community



Paducah Site Footprint

- 3,556 acres total
- 625 structures/facilities
- 4 main process buildings
- 615 acre Limited Area (security area)
- 19 miles of roads
- 9 miles of railroad track
- 5 miles of security fence
- Groundwater Trichloroethene (TCE) and Technetium-99 contamination
- Soil, surface water, and buried waste contamination



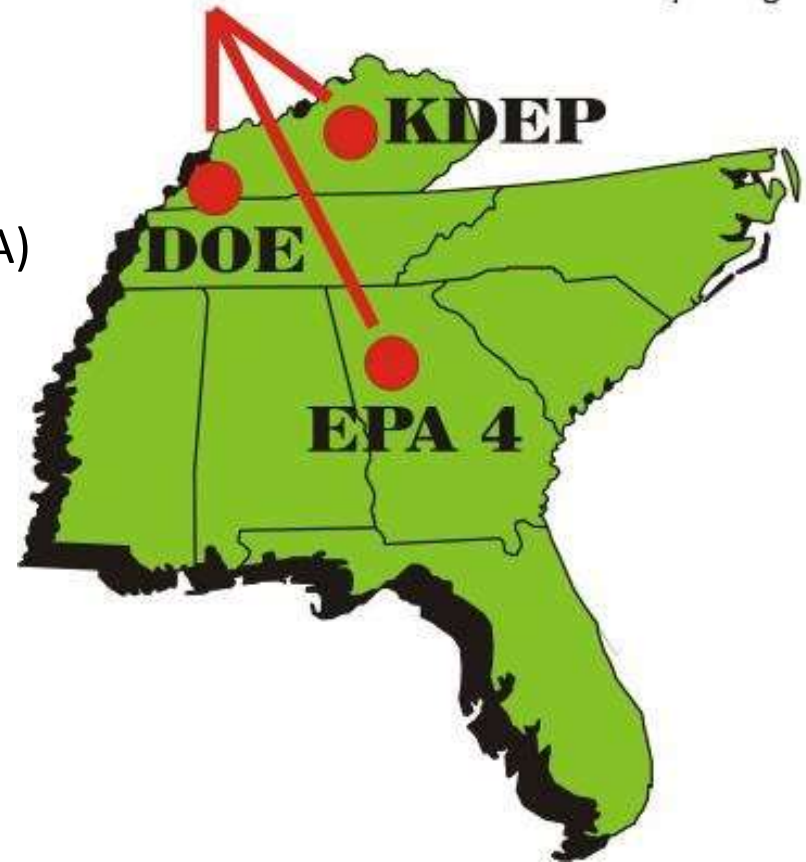
Paducah Regulatory Framework

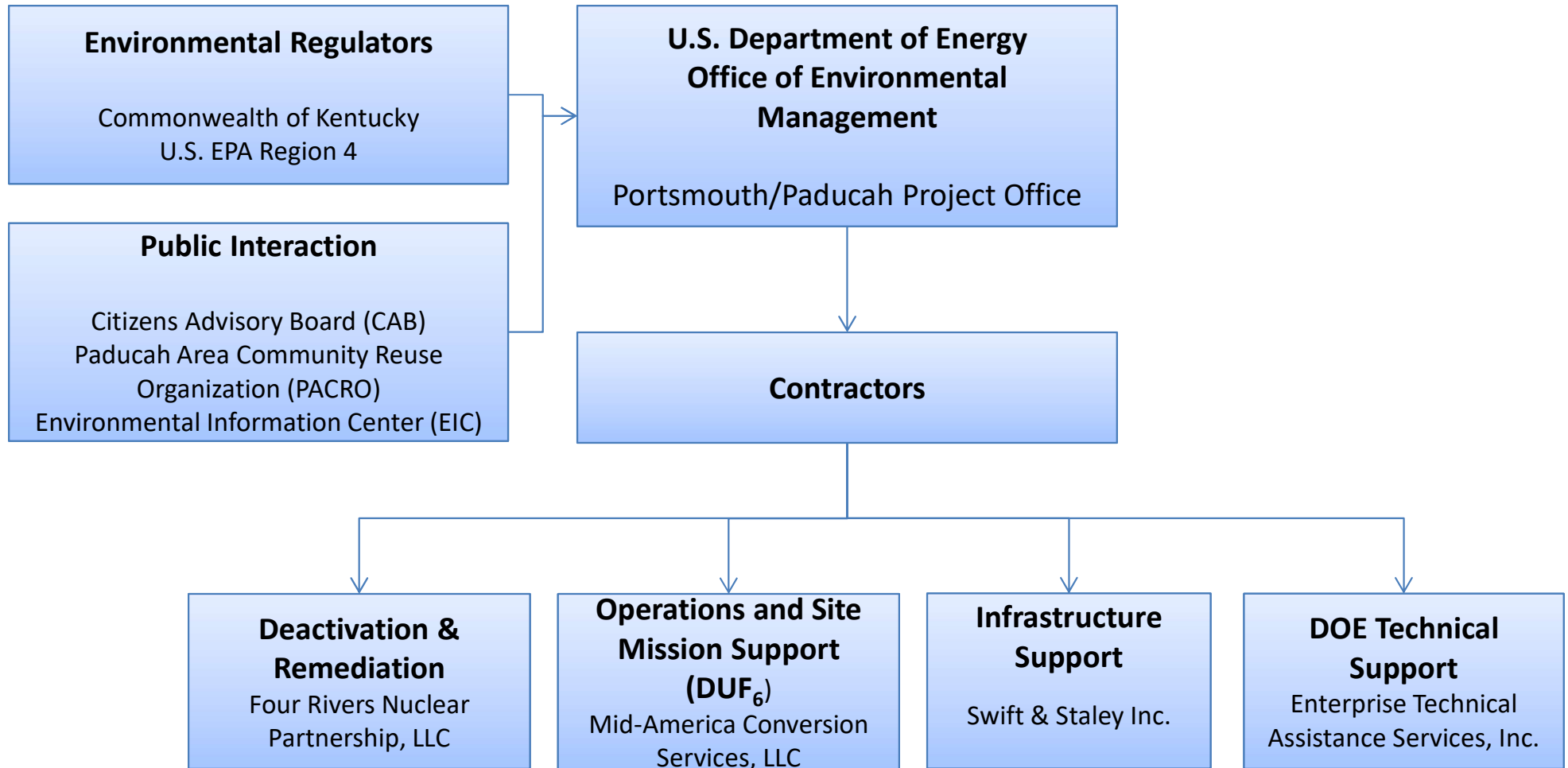
Due to off-site contamination, the Paducah Site was listed on the National Priorities List in 1994 with the Federal Facility Agreement signed by DOE, Kentucky, and EPA in 1998.

In addition, the Paducah Site has permits and other agreements.

- Resource Conservation and Recovery Act (RCRA) (KY)
- Toxic Substances Control Act (TSCA)(EPA)
- Hazardous and Solid Waste Amendments (HSWA)(KY and EPA)
- National Environmental Policy Act (NEPA)
- National Historic Preservation Act (NHPA)(KY)
- Permitted RCRA storage facilities (KY)
- Permitted Landfill (KY)

Federal Facility Agreement:
Tri-Party Agreement coordinates
RCRA and CERCLA Cleanup Programs







- Perform Stabilization and Deactivation activities
- Deactivate Building C-333 over the next three years
- Perform Surveillance and Maintenance of Facilities
- Downsizing and packaging of miscellaneous stored equipment
- Disposition excess trailers, sheds, tanks, and other structures

The PWS will contain scope associated with the following activities:

- Project Management and Administration
- Safeguards and Security
- Surveillance and Maintenance
- Mission Support Services
- Administration of Pension and Benefit Plans
- Additional Assignments

Project Management and Administration:

The Contractor shall plan, integrate, manage, and execute the programs, projects, operations, and other activities as described in this Contract. The Contractor shall provide a staff equipped with the necessary management, technical expertise, and experience to ensure performance objectives and standards are met. To include:

- Environment, Safety, Health, and Quality
- Engineering
- Project Management, Support Activities, and Integration
- Training
- Property Management
- Export Control Information Program Management
- Records Management
- Telecommunications and Copiers/Printers
- Mail Services
- Waste Management and Pollution Prevention Programs
- Utilities
- Software Licenses
- Emergency Management

Safeguards and Security (S&S):

The Contractor shall develop comprehensive plans and implement the following programmatic elements in accordance with the aforementioned DOE Directives applicable to each programmatic area:

- Program Management Operations
- Physical Protection
- Information Security
- Personnel Security
- Foreign Visits and Assignments

Surveillance and Maintenance (S&M):

The Contractor shall:

- perform routine S&M of all assigned DOE-owned facilities.
- utilize a computer software program as their Computerized Maintenance Management System (CMMS). The Contractor shall operate and maintain the CMMS.
- provide on-site refueling capability through the on-site fueling station (C-752-B) for all site contractors and DOE.
- provide for on-site electric vehicle charging capability through the operation of the electric vehicle charging stations.

S&M (continued):

For Paved, Gravel, Earth Roads, and Yards, the Contractor shall:

- inspect, schedule, maintain and repair roadways, surfaced areas, and support facilities.
- maintain/implement consistent traffic control devices, markings, and signage throughout the site, including parking areas.

For Custodial Services, the Contractor shall:

- provide custodial maintenance, so the facilities are clean, sanitary and sightly.

For Grounds Maintenance, the Contractor shall:

- perform grass cutting, edging, trimming, fertilizing, policing grounds, removing leaves, inspecting, and performing minor repairs.
- submit a Mowing Map and Mowing Schedule Plan.

For Pest Control Services, the Contractor shall:

- develop and implement an Integrated Pest Management Program.
- conduct pest control activities for assigned facilities.

Administration of Pension and Benefits Plans:

The Contractor shall sponsor and administer the United Steel Workers Career Pension Plans and all other existing benefit plans (including post-retirement medical) for eligible employees.

Additional Assignments:

DOE may choose to order additional work that falls within the scope of this Contract, but is not currently specified in the requirements.

- Total Small Business Set-Aside
 - NAICS 561210, Facilities Support Services, \$47.0 million.
 - The Paducah Infrastructure Support Services procurement will be conducted as a total small business set-aside under North American Industry Classification System (NAICS) Code 561210, Facilities Support Services, size standard of \$47.0M.
- The period of performance is anticipated to be up to five years, including a three-year base period (which will include a sixty-day transition period) and one two-year option period.
- Evaluation and award of the contract will be conducted in accordance with source selection procedures in FAR Part 15.3.

- Thank you for attending!
- Reminder DOE will not answer any questions during the site tour. Tour escorts are instructed not to engage in conversation and will not be answering any questions.
- Questions and/or comments may be submitted via the procurement e-mail address at PADISS2024@emcbc.doe.gov.
- DOE will post official responses to the procurement website at: https://www.emcbc.doe.gov/SEB/PAD_ISS.

Next Steps

- Safety/Security Briefing
- Lunch
- Site Tour