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Portsmouth Gaseous Diffusion Plant



Decontamination and Decommissioning Project



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Portsmouth Decontamination and Decommissioning (D&D) Procurement

- The Department of Energy issued a Request for Proposals (RFP) for the D&D Project on June 24, 2009.
- The D&D Contract is now an active DOE acquisition.
- The RFP was issued to solicit competitive proposals for the contract.
- The proposals are due by September 22, 2009.
- DOE will evaluate the proposals/offers. The projected contract award date is June 2010.

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What Does the Contract Include?

- Facility Surveillance and Maintenance
- Facility Decontamination and Decommissioning (D&D)
- Environmental Remediation (contaminated soils and groundwater)
- Waste Management
- Nuclear Material Storage, Disposition and Accountability
- Project Management, Safety, Regulatory Planning, External Interactions and Stakeholder Involvement

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What are D&D and Environmental Remediation?

- D&D includes:
 - Removal of facility contents and equipment
 - Demolition of the facility
- D&D will be followed by characterization of the soils and groundwater and then remediation of contaminated soils and groundwater to meet the agreed upon regulatory requirements for the cleanup.
- The wastes from these activities will be disposed or recycled in accordance with an agreed upon regulatory approach.
- Some facilities may be evaluated for re-use opportunities.

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Equipment removal during D&D at Oak Ridge



Fig. G.8. K-31 cell floor during removal action.

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Building demolition during D&D at Oak Ridge



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Remediation



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Waste Management



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How long will D&D take and how much will it cost?

- The D&D contract period of performance is for a 5-year base with a 5-year option.
- The RFP includes a funding profile assumption with a range of \$250 Million to \$325 Million per year.
- The project is expected to employ between 1,000 and 1,500 workers.
- The original project was approved with a conceptual cost range of \$5 Billion to \$12 Billion and a completion schedule of 2044.
- The accelerated approach to D&D will save several billion dollars and will reduce the schedule by many years.

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Comments from Community and RFP Provisions

1. 35 – 42 year project schedule is unacceptable.
 - Annual funding range increased and schedule accelerated.
2. Closure contract preferred over Management and Integration contract.
 - D&D contract revised to emphasize completion.
3. Wastes should be dispositioned off-site to allow for future site re-use.
 - Combination of off-site/on-site waste disposition (both need to be evaluated for proposal purposes).
4. Project should be managed out of Piketon.
 - Portsmouth Site Lead has been appointed to represent the DOE in Piketon.

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Comments from Community and RFP Provisions (continued)

5. A commitment to the local community needs to be included.
 - A commitment to support the local community is a contract requirement.

6. The Site Specific Advisory Board (SSAB) needs to be actively involved in the decision process.
 - The Site Specific Advisory Board (SSAB) is now actively involved in the Portsmouth Environmental Management decision process and the RFP supports their continued involvement.

7. Workforce transition provisions need to be included in the RFP.
 - Workforce transition provisions are included.

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Current Status

1. Site Specific Advisory Board (SSAB) and committees are meeting regularly and providing input on the DOE EM Program.
2. Public Meeting on the Portsmouth Cleanup conducted on May 28, 2009.
3. Monthly meetings and daily interactions with site regulators (Ohio EPA) are ongoing.
4. American Reinvestment and Recovery Act activities with current contractors are underway and are accelerating D&D and remediation work at the site.

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Current Status (continued)

5. Special meeting of Portsmouth SSAB representatives and Fernald representatives on June 11, 2009, to share lessons learned from Fernald.
6. Facility Site Services (FSS) RFP issued on June 4, 2009.
7. Portsmouth D&D RFP issued June 24, 2009.
8. Site Tours have been held for potential FSS and D&D contractors.
9. DOE announces further expansion and acceleration of Portsmouth cleanup on July, 28, 2009.

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Future Vision

- Transfer leased facilities from USEC to DOE.
- Work with State regulators to finalize new Regulatory agreement.
- Continue working with Public, SSAB, and Regulators to develop necessary cleanup decisions.
- Implement project to exchange excess uranium for services.
- Evaluate FSS and D&D Proposals and award contracts.
- Develop a D&D/Cleanup Project Management Baseline for the accelerated plan.
- Move out safely with the D&D work on the site.
- Coordinate D&D work with Reindustrialization efforts.