



U.S. DEPARTMENT OF  
**ENERGY**



# Business Opportunities Session Office of Environmental Management

**Kay Rash**

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**Acquisition and Contract Management**

**Office of Procurement Planning**

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safety ❖ performance ❖ cleanup ❖ closure

[www.em.doe.gov](http://www.em.doe.gov)

# *Where We Are Going?*

***We have embarked on a Journey to Excellence:***

## **Our Vision:**

**EM completes quality work safely, on schedule and within cost, and delivers demonstrated value to the American taxpayer.**

## **Our Mission:**

**To complete the safe cleanup of the environmental legacy brought about from five decades of nuclear weapons development and production, and Government-sponsored nuclear energy research.**



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# What we do: Program Priorities

## Program Priorities

- Essential activities to maintain a safe, secure, and compliant posture in the EM complex
- Radioactive tank waste stabilization, treatment, and disposal
- Spent nuclear fuel (SNF) storage, receipt, and disposition
- Special nuclear material (SNM) consolidation, stabilization, and disposition
- Transuranic (TRU) and mixed/low-level waste (M/LLW) disposition
- Groundwater and soil remediation
- Excess facilities deactivation and decommissioning (D&D)



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# EM Management Goals

## EM Strategic Goal 6

**Improve contract and management with the objective of delivering results on time, within cost, and with world class technical competencies, so that EM is viewed as one of the federal government's best managed programs**

## Key Strategies

- **Use the EM Contract and Project Management Corrective Action Plan as a starting point and create an internal quality assurance process leading to successful and sustained execution of EM contract and project management improvements.**
- **Improve and expand the use of independent contract and project reviews, and verification and validation reviews to ensure that performance data is credible and reliable.**
- **Strengthen the integration of acquisition and project management processes**
- **Complete restructuring of EM cleanup projects into smaller, more definitive capital projects and non-capital operations activities.**
- **Become a stronger owner by holding contractors accountable and pursue partnering relationships to create win-win scenarios .**
- **Develop EM-specific cost estimating policy, guidance, historical cost databases, and expertise to improve our ability to perform Independent Government Cost Estimates.**
- **Invest in personnel development by providing training and career development in contract and project management.**
- **Make effective use of small and minority owned businesses.**



# ***EM Management Goals***

## **Key Success Indicators**

- **Obtain EM removal from the GAO High-Risk List.**
- **Complete 90% of capital asset projects within 10% of original cost and schedule performance baselines unless otherwise impacted by a directed change.**
- **By 2010, fully deploy the Project Assessment and Reporting System to capture accurate and comprehensive data on DOE's capital asset projects**
- **By 2011, conduct Independent Estimates for all major systems projects prior to CD-2.**
- **Approve contract performance baselines within 180 days from contractor's final accepted submission.**
- **Finalize 80% of change orders within 180 days.**
- **Negotiate Project changes that require contract modifications in advance of Acquisition Executive approval.**
- **Ensure life-cycle costs for the current EM program portfolio do not increase unless there is new work scope**
- **Implement partnering agreements for all major contracts.**
- **Increase the percentage of projects with certified Federal Project Directors and certified contract specialists at the appropriate level.**
- **Achieve EM overall prime contract small business goals.**



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# Recent Contract Awards

<b>Idaho Advanced Mixed Waste Treatment Project*</b>	<b>03/10</b>	<b>\$592M</b>
<b>Oak Ridge Hot Cell Deactivation, Demolition and Disposition**</b>	<b>03/10</b>	<b>\$50M</b>
<b>Oak Ridge Building K-33 Demolition**</b>	<b>04/10</b>	<b>\$51M</b>
<b>Paducah Remediation**</b>	<b>04/10</b>	<b>\$285M</b>
<b>Low Level Waste/Mixed Low Level Waste Treatment</b>	<b>06/10</b>	<b>\$24M</b>
<b>Carlsbad Technical Assistance**</b>	<b>07/10</b>	<b>\$30M</b>
<b>Portsmouth Decontamination and Decommissioning</b>	<b>08/10</b>	<b>\$2.1B</b>
<b>Indefinite Delivery/Indefinite Quantity Set Aside**</b>	<b>09/10</b>	<b>\$926M</b>
<b>Depleted Uranium Hexafluoride Operations</b>	<b>12/10</b>	<b>\$428M</b>
<b>Indefinite Delivery/Indefinite Quantity Unrestricted</b>	<b>12/10</b>	<b>\$907M</b>

**\*Contract Award protested**

**\*\*Small Business**



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# East Tennessee Technology Park

## Scope of Work

- **Environmental Remediation**
- **Decontamination and Decommissioning (asbestos, hazardous material abatement)**
- **Demolition and disposition including the East Wing of the K-25 process building, K-27 Gaseous Diffusion Process Building**



## Estimated Value

\$900M-\$1.4B, 5-year base, 4-year option

<b>Request for Proposals</b>	<b>Industry Proposal Due</b>	<b>Award</b>
<b>July 8, 2010</b>	<b>September 21, 2010</b>	<b>Apr-May-June 2011</b>



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# West Valley Demonstration Project

## Scope of Work

- **Build High Level Waste canister storage facility**
- **Facility Removal**
- **Contaminated Soil removal**
- **Maintain Tank Waste Farm**
- **Shipment and disposal of LLW, MLLW, and TRU waste**



## Estimated Value

\$50M-\$1B, 7 years

Request for Proposals	Industry Proposal Due	Award
October 13, 2010	December 28, 2010	Jul-Aug-Sep 2011



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# Moab Remedial Action

## Scope of Work

- Relocate the Moab tailings and associated wastes to the Crescent Junction site
- Reclaim the Moab Site to the appropriate standards, including ground water, and remediate any vicinity properties
- Restore the Moab Site to a condition appropriate for the future land use as determined by DOE, NRC, and state and local governments



## Small Business Set-Aside

## Estimated Value

\$50M-\$1B, 5-years

Request for Proposals	Industry Proposal Due	Award
December 17, 2010	February 22, 2011	Oct-Nov-Dec 2011



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# Idaho Cleanup Project

## Scope of Work

- **Environmental Remediation Services**
- **Radioactive Waste Management (WM) Services**
- **Facility Deactivation, Decommissioning, Decontamination, and Demolition (D&D) services**
- **Regulatory Services**  
(Number of Contracts TBD)



## Estimated Value

\$2-\$3B, number of years TBD

<b>Request for Proposals</b>	<b>Industry Proposal Due</b>	<b>Award</b>
<b>Apr-May-Jun 2011</b>	<b>Apr-May-Jun 2011</b>	<b>Apr-May-June 2012</b>



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# Carlsbad Carrier Services

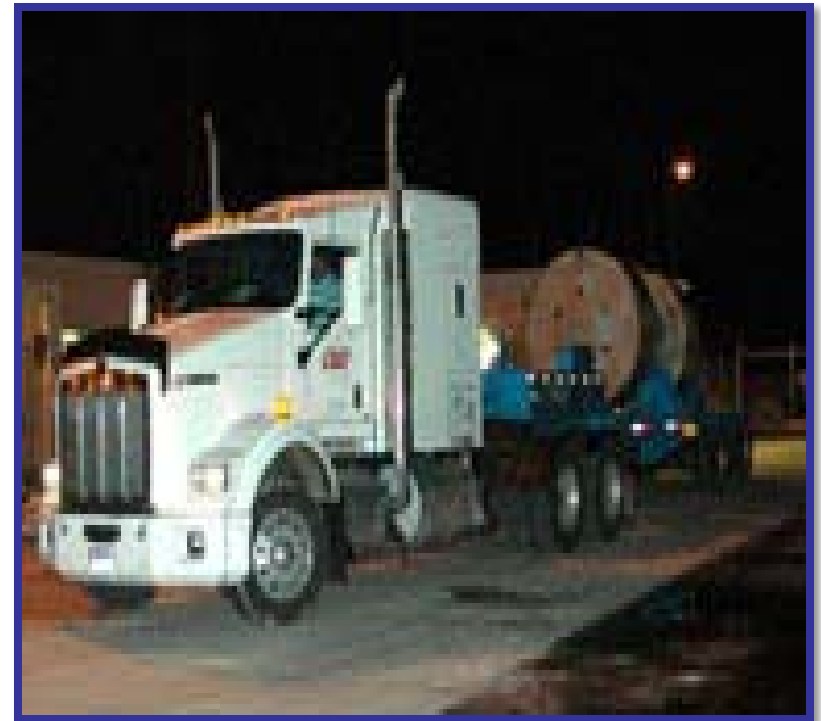
## Scope of Work

- Provide transportation services to support WIPP for Remote-Handled and Contact-Handled TRU waste and other wastes
- Participate in training exercises to demonstrate readiness for responding to transportation emergencies
- Provide public awareness support at public meetings, conferences and for training programs

## Small Business Set-Aside

## Estimated Value

**\$50M-\$1B**



Request for Proposals	Industry Proposal Due	Award
Apr-May-June 2011	Apr-May-June 2011	Jan-Feb-Mar 2012



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# Carlsbad Operations Contract

## Scope of Work

- **Characterization of TRU waste for shipment**
- **Retrieve, remediation, and disposal of TRU waste**
- **Placement of TRU waste**
- **Records maintenance**
- **Operate and maintain Waste Isolation Pilot Plant**



## Estimated Value

\$1.5-\$2.0B, 5-year base, 5-year option

Request for Proposals	Industry Proposal Due	Award
Apr-May-June 2011	Jul-Aug-Sep 2011	Apr-May-June 2012



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# Hanford Occupational Medical Services

## Scope of Work

- Integral component of the site safety management system
- Fitness-for-duty evaluations, first aid services, drug screening, medical qualifications and monitoring
- Emergency preparedness planning
- Support epidemiological studies and programs such as the Chronic Beryllium Disease Prevention and Energy Employees Occupational Illness Compensation Program



## Small Business Set-Aside

### Estimated Value

**\$50M-\$1B**

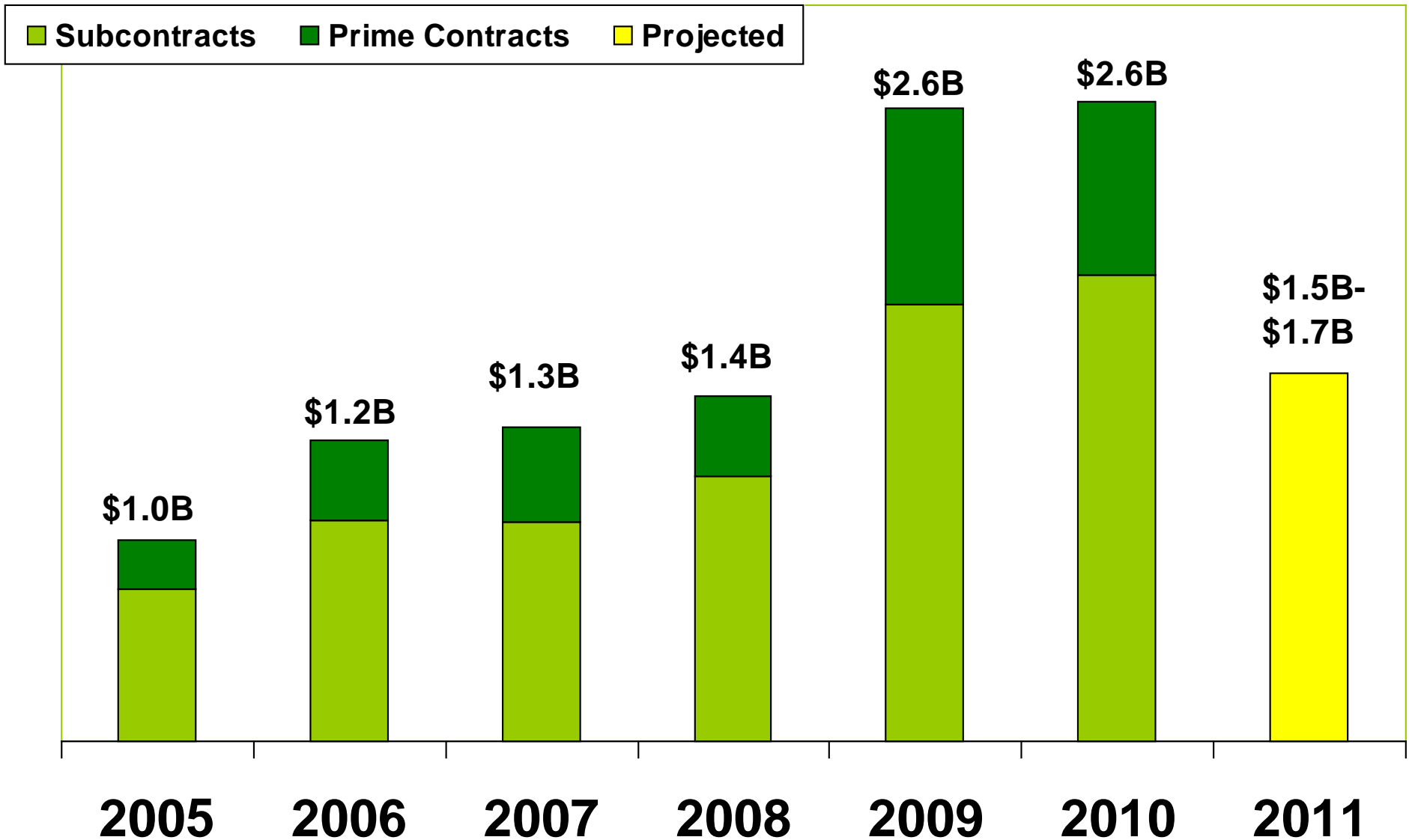
<b>Request for Proposals</b>	<b>Industry Proposal Due</b>	<b>Award</b>
<b>Apr-May-June 2011</b>	<b>Jul-Aug-Sep 2011</b>	<b>Apr-May-June 2012</b>



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# EM Total Small Business Funding



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# Helpful Websites

- **Fees Earned by EM Major Contractors:**  
<http://www.em.doe.gov/Pages/EMContractorPayments.aspx>
- **Listing of EM Major Contracts:**  
[http://www.em.doe.gov/pdfs/EM%20Major%20Contracts\\_Public%20Web%20PageUpdate\\_12-30-10.pdf](http://www.em.doe.gov/pdfs/EM%20Major%20Contracts_Public%20Web%20PageUpdate_12-30-10.pdf)
- **DOE Acquisition Forecast:**  
<http://hqlnc.doe.gov/Forecast>
- **EMCBC Major Procurements Website:**  
<http://www.emcbc.doe.gov/doingbusiness.php>
- **EM Public Website:**  
<http://www.em.doe.gov/Pages/EMHome.aspx>
- **Contractor Fee Payments**  
<http://emdev.apps.em.doe.gov/emdev/Pages/emcontractorpayments.aspx>
- **Project Management Earned Value Management**  
<http://www.em.doe.gov/pages/Projects.aspx>
- **Capital Projects Status Cost Performance Index(CPI)/Schedule Performance Index (SPI) – Coming Soon**



# *EM Small Business Program Managers*

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