Update on Procurement Opportunities and Acquisition Process

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Deputy Assistant Secretary
Acquisition and Project Management
National Cleanup Workshop
September 30, 2015
EM’s Fixed Price Journey

• Deputy Secretary’s memorandum of December 2012

• Improve Upfront Planning and Requirements Definition

• In selecting contract type, contracting officers will first consider the use of a firm-fixed-price contract
  
  • If fixed-price approach concluded to be not best contracting vehicle, identification of additional planning and risk reduction will be needed before resorting to a cost-reimbursement contract.
  
  • Objective performance measures will be used as much as possible to incentivize optimal contractor performance and reduce costs for those instances where a fixed-price contract is not deemed to be in the best interest of the government.
Savannah River Bio Mass Cogeneration Facility

Scope of Work
• Design, construction, operation, and maintenance of a new Biomass Cogeneration Facility
• Energy Savings Performance Contract
• Firm-Fixed-Price Task Order

Value at Award
$795 million

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<th>Request for Proposals</th>
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<tr>
<td>NA</td>
<td>May 15, 2009</td>
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**Scope of Work**

- Cleanup of radioactive mill tailings.
- Safe and secure transportation of mill tailings to disposal site.
- Disposal of radioactive mill tailings at engineered disposal site.

**Value at Award**

$124.5 million

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<tr>
<td>December 17, 2010</td>
<td>November 4, 2011</td>
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Waste Isolation Pilot Plant Transportation

**Scope of Work**
- Two contracts
- Safely transport Transuranic waste across United States
- Transport will be from various DOE sites to the Waste Isolation Pilot Plant

**Value at Award**
(1) $21.5 million  (2) $21.2 million

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<tr>
<td>March 30, 2011</td>
<td>January 9, 2012</td>
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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

Value at Award

$ 98.6 million

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<tr>
<td>November 14, 2011</td>
<td>June 8, 2012</td>
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Energy Technology Engineering Center

Scope of Work

- Environmental Monitoring, Surveillance and Maintenance Activities, and Project Support activities
- Option for D&D work plans, process work plan approval
- Firm-Fixed-Price Task Order with Fixed Unit Pricing under existing Nationwide Small Business IDIQ– Set-Aside Contracts

Value at Award

$25.7 million

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<td>January 3, 2014</td>
<td>June 26, 2014</td>
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Hanford 222-S Lab Services

Scope of Work

- Provide analytical services and testing of various samples
- Majority of samples come from the Tank Farms
- Samples may be liquid or sludge, salt cake or a mixture
- Support also includes industrial hygiene and ground water monitoring
- This will be a fixed priced, small business set-aside procurement with limited cost-reimbursable portion
- 2 Year Term + Three 1-Year Options

Estimated Value

$44.6 million

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Paducah Infrastructure

Scope of Work

• Infrastructure support services in support of the Paducah Site.
• Services will include, but will not be limited to, Computer and Telecommunication Services, Security, Maintenance of Grounds, Roads, and Parking Lots including snow removal, Training Services, Environmental, Safety, Health, and Quality Program, Facility Maintenance, Property Management, Janitorial Services, Records Management, and Mail Services.
• Small Business set-aside, fixed price with IDIQ
• 3 Year Term + One 22 Month Option

Estimated Value

$177.2 million

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<td>October 6, 2014</td>
<td>December 12, 2014</td>
<td>June 17, 2015</td>
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Transuranic Waste Processing Center (TWPC)
Oak Ridge

**Scope of Work**

- Manage and operate the TWPC Category II nuclear facility in support of processing Remote-Handled and Contact-Handled Transuranic waste
- Provide support to Central Characterization Project for final certification and disposition to the Waste Isolation Pilot Plant
- Perform facility surveillance and maintenance activities
- Fixed price with one CPAF CLIN
- 3 Year Term + One 2 Year Option

**Estimated Value**

$123.9 million

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EM is committed to creating sustainable contract opportunities for small businesses by increasing the amount of meaningful work for small business prime contracting.

**Key Strategies**

- Increase the amount of meaningful work for small business prime contracting by working closely with the EM sites
- Continue to expand outreach to Socio-Economic small business
- Expand ordering capability of small business contracts to other DOE Program offices, such as EM’s small business IDIQ contact(s) for D&D services
- Work with DOE’s Office of Small and Disadvantaged Business Utilization and EM Sites to develop small business contracting strategies
Small Business Prime Contract Funding Trends

- **2007**: $392.6M, 7.2% (DOE 6.2%)
- **2008**: $316.9M, 5.9% (DOE 5.9%)
- **2009**: $798.2M, 7.4% (DOE 6.4%)
- **2010**: $712.2M, 12.4% (DOE 7.6%)
- **2011**: $391.3M, 6.2% (DOE 5.3%)
- **2012**: $353.6M, 6.9% (DOE 5.1%)
- **2013**: $385.2M, 7.9% (DOE 5.7%)
- **2014**: $560M* (projected)* (DOE 4.7%, EM Prime 7.9%)
- **2015**: $400-600M* (projected)*

*Includes M&O First Tier Small Business subcontract commitments*
Scope of Work

- Infrastructure support services in support of the Portsmouth Site.
- Services will include, but will not be limited to, Computer and Telecommunication Services, Security, Maintenance of Grounds, Roads, and Parking Lots including snow removal, Training Services, Environmental, Safety, Health, and Quality Program, Facility Maintenance, Property Management, Janitorial Services, Records Management, and Mail Services.
- Small Business set-aside, fixed price procurement
- 3 Year Term + One 22 Month Option

Estimated Value

$130-$150 million

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Idaho NRC Licensed Facilities Management Cleanup

Scope of Work
- Management and operation of the Fort Saint Vrain (FSV) Independent Spent Fuel Storage Installation (ISFSI) facility in Colorado (including security)
- Management, operation and oversight of the Three Mile Island-2 (TMI-2) ISFSI facility at the Idaho Nuclear Technology and Engineering Center (INTEC) in Idaho
- Small business set-aside

Estimated Value
$26-$33 million

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**Scope of Work**

- The ICP-Core post FY15 EM mission work encompasses ongoing Idaho Cleanup Project and Advanced Mixed Waste Treatment Project work scopes.
- Work includes stabilizing and dispositioning spent nuclear fuel and high-level waste; dispositioning transuranic waste; retrieving target buried waste; and closing the Idaho Nuclear Technology and Engineering Center (INTEC) tank farm.

**Estimated Value**

$1.3-$1.7 billion

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Carlsbad Technical Assistance Contract

Scope of Work
- Provide quality assurance (QA) audit and surveillance
- Support services for technical oversight, business operations, and executive management
- Areas of Support: WIPP site operations; safety and security; environmental and regulatory compliance; Transuranic (TRU) waste characterization, certification; transportation and packaging; business operations; and information technology
- Small Business Set-aside

Estimated Value
$30-$50 million

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Scope of Work

• Operate depleted uranium hexafluoride (DUF6) conversion facilities at Paducah, Kentucky and Portsmouth, Ohio
• Convert DOE’s inventory of DUF6 to a more stable uranium oxide form (UOx), acceptable for transportation and disposal
• Work also includes continuing surveillance and maintenance for the cylinder storage yard

Estimated Value $490-$530 million
Headquarters Information Technology

Scope of Work

• Provide assistance to IT management issues.
• Support audits and management reviews.
• Provide technical and administrative support for IT Capital Planning, IT Strategic Planning and Architecture, IT Missions Systems Support, IT Cyber Security, the EMCBC, Records Management, Program Strategic Initiatives, the EMCC, and the EM Cloud.

Estimated Value

$50 million- $60 million

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Environmental Management-Los Alamos
End State

Scope of Work

• Clean up legacy waste sites at LANL, including groundwater and surface water
• Decontamination & Decommissioning and demolition of facilities
• Retrieve, characterize, and prepare legacy MLLW and TRU waste for shipment off-site

Estimated Value TBD

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Paducah Gaseous Diffusion Plant
Deactivation and Remediation

Scope of Work

- Perform Surveillance and Maintenance of facilities to include utility operations at Paducah, Kentucky site
- Site/Facility environmental remediation and waste management
- Deactivation and Decommissioning activities

Estimated Value TBD

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Savannah River Liquid Waste

Scope of Work

- Liquid Waste Stabilization and Disposition:
  - Base Operations of Facilities:
  - Liquid waste storage tanks, evaporators, transfer lines, and associated equipment/facilities
    - Defense Waste Processing Facility
    - Saltstone Production Facility
  - Saltstone Disposal Units
  - Waste Removal from Tanks and Tank Closures
  - Construction of additional Saltstone Disposal Units
  - Operation of the Salt Waste Processing Facility after facility commissioning, startup, and one year of initial operation
  - Liquid Waste Program Support

Estimated Value TBD

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Upcoming Process Improvements

- EM is developing a standard approach for RFP content and Proposal format requirements.
- EM is using best practices from across our enterprise to develop a standard approach for management of Fixed-Price contracts.
Helpful Websites

- Fees Earned by EM Major Contractors:
  [http://www.em.doe.gov/Pages/EMContractorPayments.aspx](http://www.em.doe.gov/Pages/EMContractorPayments.aspx)

- Listing of EM Major Contracts:

- DOE Acquisition Forecast:
  [http://hqlnc.doe.gov/Forecast](http://hqlnc.doe.gov/Forecast)

- EMCBC Major Procurements Website:

- EM Public Website:
  [http://www.em.doe.gov/Pages/EMHome.aspx](http://www.em.doe.gov/Pages/EMHome.aspx)