

Small Business Procurement and Contracting Opportunities with the Office of Environmental Management

WM2017

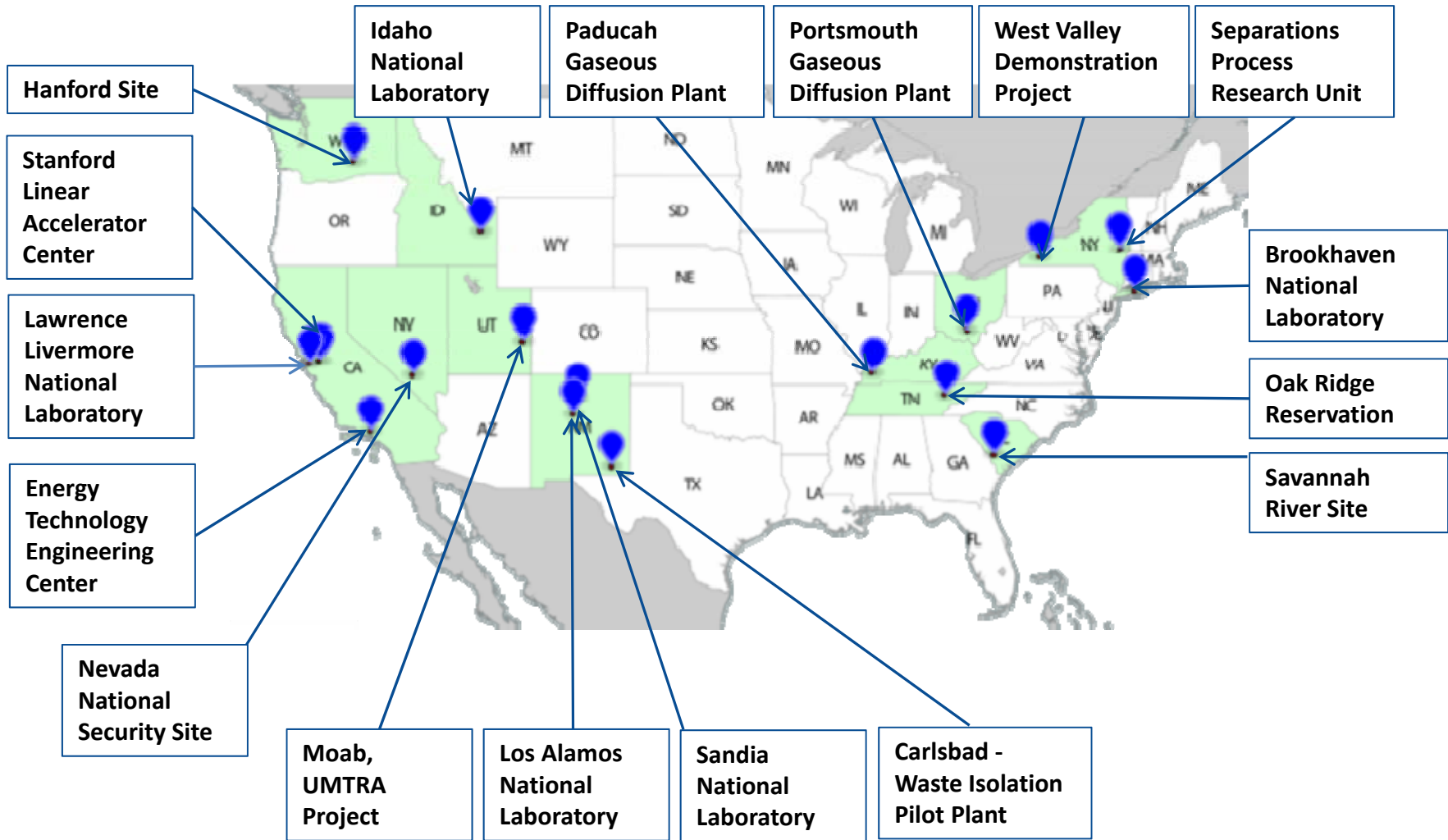
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*Associate Deputy Assistant Secretary
For Acquisition & Project Management*

March 6, 2017

- DOE Locations
- DOE EM Mission
- EM Locations
- Missions and Functions
- Small Business Procurement Update
- Helpful Websites

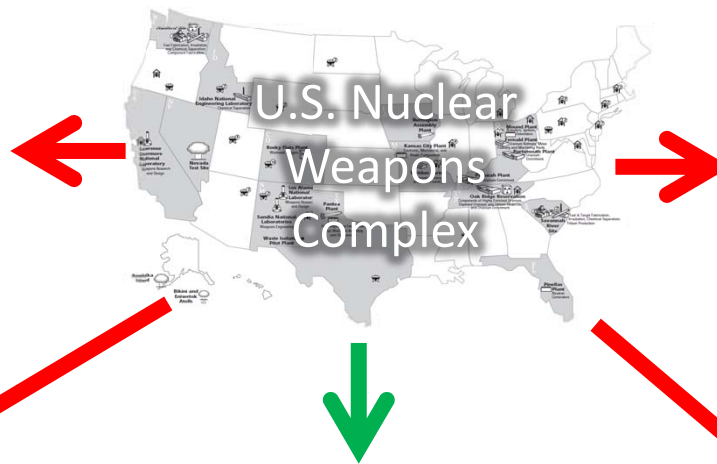
DOE EM Locations



The Nuclear Weapons Complex Produced Both Nuclear Weapons and Contamination on a Large Scale



Over **700,000 tons** of depleted uranium produced as a by-product of enriching uranium to weapons grade

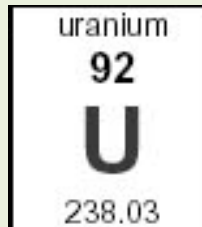


Over **5,000 facilities** contaminated as a result of activities such as reactor operations and uranium enrichment (which produce fissile material for nuclear weapons)

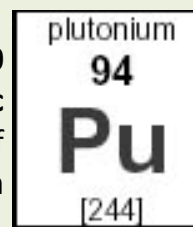


Millions of cubic meters of soil and **billions of gallons of groundwater** contaminated by environmental releases of radioactive and hazardous materials

Over **1,000 metric tons** of weapons-grade uranium



Over **100 metric tons** of plutonium



Tens of thousands of nuclear warheads



Over **90 million gallons of liquid waste** produced as a by-product of the separation of plutonium and uranium from used nuclear fuel rods

- ❖ The mission of the DOE Office of Environmental Management (EM) is to complete the safe cleanup of the environmental legacy brought about from five decades of nuclear weapons development and government-sponsored nuclear energy research.



Oak Ridge ETTP, Bldg K-25 Demolition, 2014

EM Remediates the Environmental Legacy of the U.S. Nuclear Weapons Complex

EM is an **operational federal program**, performing a wide variety of tasks to clean up the environmental legacy of the U.S. nuclear weapons complex:

PACKAGE



EXCAVATE

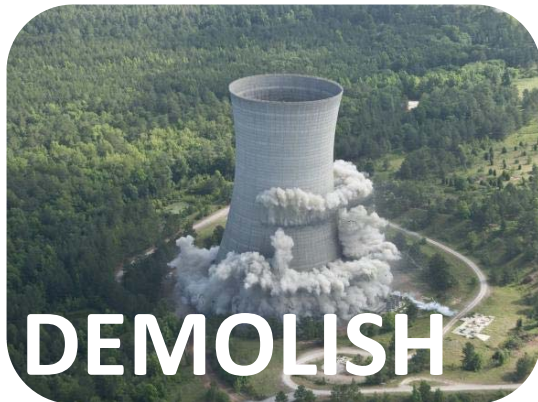


BUILD &

TREAT



DEMOLISH



TRANSPORT



SAFEGUARD



Funding by EM Mission Area



* Includes Safeguards and Security

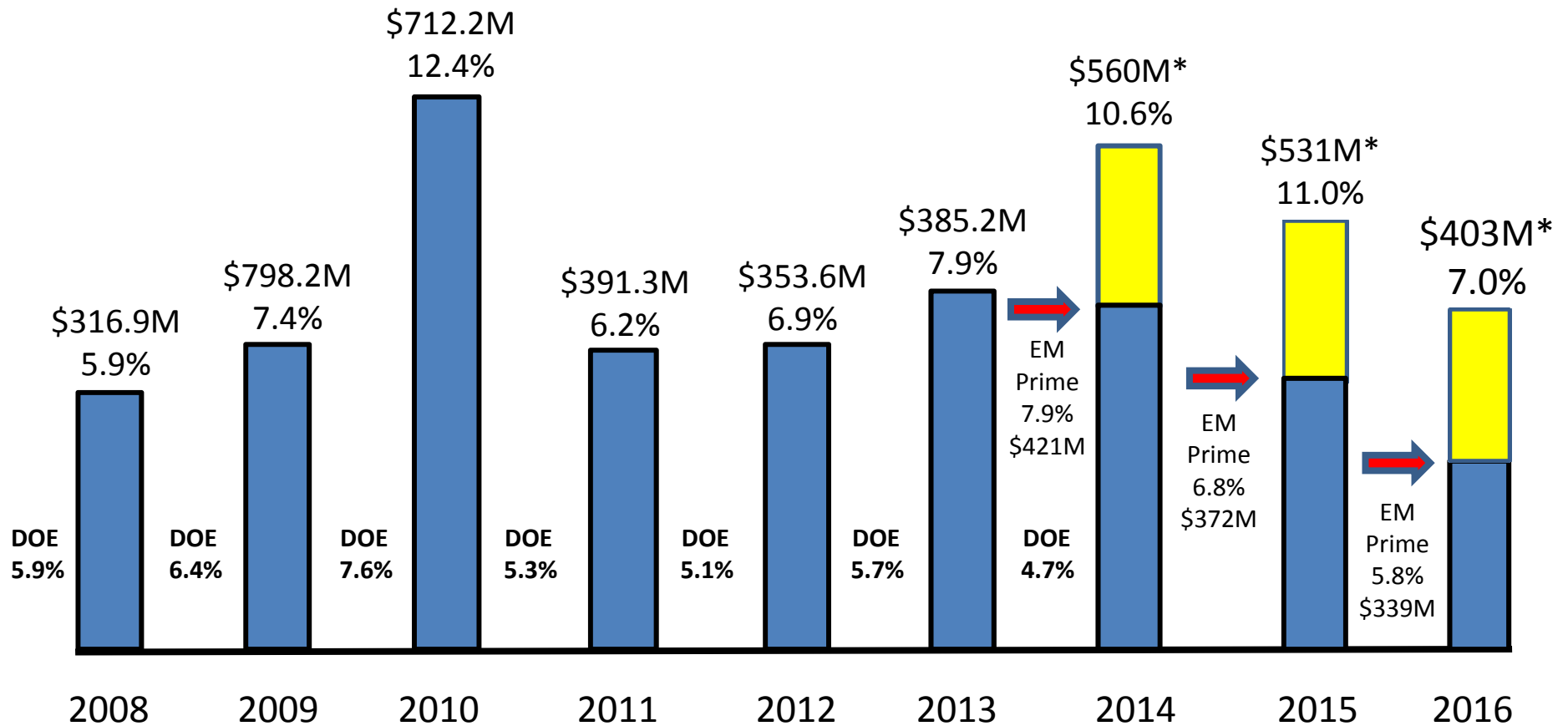
** Includes Program Direction, Program Support, Mission Innovation and Technology, Post Closure Administration, Community and Regulatory Support, and \$104M of GPP and Maintenance & Repair Activities.

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



* Includes M&O First Tier Small Business subcontract commitments

Recently Awarded Contracts

Acquisition Description/ Category	Solicitation Method	Contract Type	Period of Performance	Contract Value at Award	Small Business Award
Carlsbad Field Office					
Carlsbad Technical Assistance	Full and Open Competition	Fixed Price, T&M	1/2/16-1/1/21	\$42M	No
Idaho					
Idaho NRC	Full and Open Competition	Firm-Fixed Price	4/1/16-3/31/21	\$31M	Yes
Idaho Core	Full and Open Competition	Cost Plus Incentive Fee	6/1/16-5/31/21	\$1.4B	No
Oak Ridge					
Transuranic Waste Processing Facility	Full and Open Competition	Fixed Price, CPAF	10/19/15-10/18/20	\$123M	Yes
Portsmouth Paducah Project Office					
Gaseous Diffusion DUF6 Conversion Facilities	Full and Open Competition	CPAF, FFP	2/1/17-1/30/22	\$319M	No
Paducah Infrastructure Support Services	Full and Open Competition	Firm-Fixed Price	12/1/15-9/30/20	\$177M	Yes
Portsmouth Infrastructure Support Services	Full and Open Competition	Firm-Fixed Price	3/16/16-1/15/21	\$140M	Yes
Office of River Protection					
222-S Laboratory Services	Full and Open Competition	Fixed Price	9/21/15-9/20/20	\$44M	Yes
EM Los Alamos					
LANL Bridge	Restricted Competition	Cost Plus Award Fee	10/1/15-9/30/17	\$309M	No
Other					
Moab Utah	Competitive Small Business IDIQ Task Order	Firm-Fixed Price	10/1/16-9/30/21	\$154M	Yes
HQ IT	Small Business Set-Aside	Firm-Fixed Price	2/1/17-1/31/22	\$39M	Yes

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

Request for Proposals	Award
November 14, 2011	June 8, 2012

Scope of Work

- Environment and technical support, Program Management Services, Administrative Services, Environmental Safety and Health and Quality Assurance, Regulatory Support, D&D Oversight and Infrastructure Support
- Small business set-aside



Value at Award

\$43 million

Request for Proposals	Award
August 21, 2012	July 12, 2013

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



Value at Award

\$44.6 million

Request for Proposals	Award
June 4, 2014	May 28, 2015

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

Request for Proposals	Award
January 3, 2014	June 26, 2014

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

Value at Award

\$177.2 million



Request for Proposals	Award
October 6, 2014	June 17, 2015

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



Value at Award

\$123.9 million

Request for Proposals	Award
October 14, 2014	June 18, 2015

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
- Management of the Idaho Spent Fuel Facility (ISFF) license.
- Small business set-aside

Value at Award

\$31.6 million



Request for Proposals	Award
March 31, 2015	October 21, 2015

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



Value at Award

\$42.4 million

Request for Proposals	Award
April 1, 2015	November 12 2015

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
- 1 Year Term + Four 1 Year Options

Value at Award

\$122.8 million



Request for Proposals	Award
December 9, 2014	January 15, 2016

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 and IT Cyber Security
- Small Business set-aside



Value at Award

\$39 million

Request for Proposals	Award
December 10, 2015	December 1, 2016

Waste Isolation Pilot Plant Transportation

Scope of Work

- Transportation of mixed and non-mixed Transuranic (TRU) waste, asbestos, and polychlorinated biphenyl (PCB) contaminated TRU waste from generator sites to WIPP
- Transportation of TRU waste between generator sites as listed in Appendix 1 (TRU Waste Storage Sites, Locations and Mileage)
- Transportation of training units or empty shipping packages to training/exercises



Estimated Value

\$100–\$150 million

Request for Proposals	Award
July 14, 2016	May – July 2017

Scope of Work

- Provide a full range of services to assist with oversight and management of cleanup activities at the Portsmouth GDP site in Pike County, Ohio and the Paducah GDP site in Paducah, Kentucky
- Provide various technical engineering functions, information technology infrastructure support, safeguards and security oversight, and general administrative support



Estimated Value

\$100 - \$150 million

Request for Proposals	Receipt of Industry Proposals	Award
May-Jul 2017	Jun-Aug 2017	May-Jul 2018

Scope of Work

- Construction of a water treatment facility to remove mercury at the Y-12 site.
- Capture and treatment of stormwater from the west end of the plant.
- Components include headworks/collection facility, transfer pipeline and treatment facility.
- Maximum flow rate of 3,000 gallons per minute with a 2 million gallon storage capacity.



Estimated Value

\$150 - \$250 million

Request for Proposals	Receipt of Industry Proposals	Award
TBD	TBD	TBD

Small Business Tenets of “Big 3”

- Mandatory subcontracting of 30-35% with 50-65% of subcontract dollars to small business.
- The minimum category goals:
 - Service-disabled veteran-owned small businesses: 3%
 - HUBZone small businesses: 3%
 - Small disadvantaged businesses: 5-10%
 - Women-owned small businesses: 5-10%
- Strengthen small business plan performance measurements
 - Performance Evaluation Measurement Plan
 - Past performance evaluations

Scope of Work

- Liquid Waste Stabilization and Disposition:
- Base Operations of Facilities
- Liquid waste storage tanks, evaporators, transfer lines, and associated equipment/facilities
- 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

Estimated Value

\$4 - \$6 billion



Request for Proposals	Receipt of Industry Proposals	Award
June 30, 2016	August 31, 2016	Mar-May 2017

Scope of Work

- Processing all of the CH-TRU in the surface facility and potential waste treatment in accordance with appropriate treatment permits
- Shipment of TRU to permitted disposal locations
- Protection of groundwater resources and surface water quality from legacy contaminant migration through compliance monitoring and sampling programs



Estimated Value

\$1 - \$3 billion

Request for Proposals	Receipt of Industry Proposals	Award
September 21, 2016	December 6, 2016	Jun-Aug 2017

Paducah Gaseous Diffusion Plant Deactivation & Remediation

Scope of Work

- Completion of the existing C-400 TCE groundwater source remediation
- Completion of the Bioremediation for Southwest Plume Sources
- Removal of all deposits, hold-up, and equipment necessary to achieve criticality incredible and disposal cell waste acceptance criteria for uranium isotopes in the C-337 Uranium Enrichment Building

Estimated Value

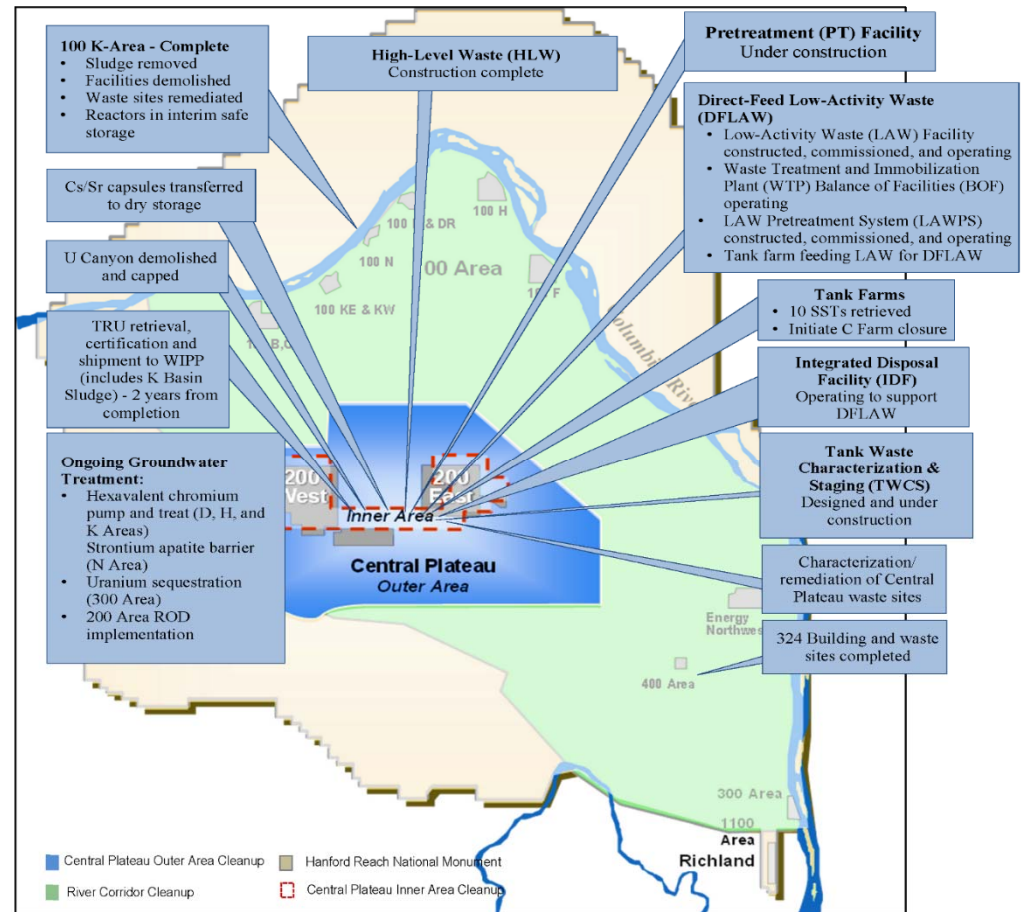
\$1 - \$3 billion



Request for Proposals	Receipt of Industry Proposals	Award
July 21, 2016	September 21, 2016	Jul-Sep 2017

Scope of Work

- Includes essential site services and infrastructure to the Hanford Site, operation of nuclear facilities and conducting environmental remediation and waste management activities, operation of the Waste Treatment Plant, provision of comprehensive occupational medical services to workers on the site, and operation of the 222-S Laboratory.



Estimated Value

- TBD

Request for Proposal	Receipt of Industry Proposals	Award
TBD	TBD	TBD

EM Small Business Advocates

EM Business Advocate: Steve Sylvester(202) 586-7804; steven.sylvester@em.doe.gov

EM Consolidated Business Center: Anne Marie Bird (513) 246-0569;
annemarie.bird@emcbc.doe.gov

EM Oak Ridge Office: Anne Marie Bird (513) 246-0569; annemarie.bird@emcbc.doe.gov

Idaho Operations Office: Jennifer Cate (208) 526-3277; bluthm@id.doe.gov

Office of River Protection: Kelly Brazil, (509) 376-0174; kelly_brazil@orp.doe.gov

Richland Operations Office: Sally Sieracki, (509) 376-8948; sally_a_sieracki@rl.gov

Savannah River Operations Office: Parodio Maith, (803) 952-9487; parodio.maith@srs.gov

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
- DOE Acquisition Forecast:
<http://hqinc.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>