



U.S. DEPARTMENT OF
ENERGY

12 Annual Small Business Conference & Expo

Minority Serving Institutions (MSIs)
Bridging the Gap Between Federal Agencies and MSIs

Thomas Johnson, Jr.
Acting Deputy Assistant Secretary, Program & Site Support
Office of Environmental Management

May 10-12, 2011



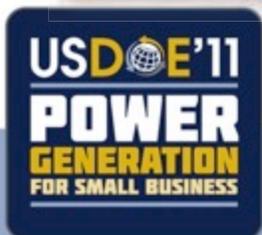
U.S. Department of Energy — 12th Annual Small Business Conference & Expo
May 10-12, 2011 - Kansas City, MO

EM Mission

“Complete the safe cleanup of the environmental legacy brought about from five decades of nuclear weapons development, production, and Government- sponsored nuclear energy research.”



- Largest environmental cleanup effort in the world, originally involving two million acres at 108 sites in 35 states
- Safely performing work
- In challenging environments
- Involving some of the most dangerous materials known to man
- Solving highly complex technical problems with first-of-a-kind technologies
- Operating in the world's most complex regulatory environment
- Supporting other continuing DOE missions and stakeholder partnerships



Department of Energy Talent Acquisition Vision

To execute a recruitment strategy that utilizes a diverse assortment of federal recruitment tools and hiring authorities that allows for maximum management flexibility and discretion when laying EM's "pipeline" of future talent/ leadership and creating longest term possible opportunities for the transfer of knowledge as we build and sustain a "best in class" workforce.



EM HBCU/MSIs Partnerships

- Over 10 a year history of working with HBCUs/MSIs
- 2010 – The DOE Assistant Secretary signed a Memorandum of Understanding with the presidents of all eight HBCUs in South Carolina and one in Georgia near the Savannah River Site
- Promote minority involvement in fields that support EM's mission
- Allow schools to integrate course work, field work, laboratories, and applied research by working with DOE sites and labs
- Provide opportunities for DOE Career Internship programs and other employment
- Lead to grant funding to develop of academic, research and career training programs
- Increase the pipeline of students from K-12 and beyond in scientific fields
- Schools leverage their success with EM to develop partnerships and gain funding from industry and non-profits



EM HBCU/MSIs Grantees

- Allen University
- Benedict College
- Claflin University
- Clark Atlanta University
- Clinton Junior College
- Denmark Technical College
- Jackson State University
- Morris College
- North Carolina A&T
- Paine College
- Savannah State University
- South Carolina State University
- Spelman College
- Voorhees College



EM HBCU Grant Projects

- Scholarships and stipends
- Research
 - Bioremediation
 - Hazardous and radioactive contaminant cleanup technologies
 - Environmental monitoring & Fate and transport modeling methods
- Curriculum and training development
 - Environmental science and engineering
 - Nuclear safety and radiation technician programs
 - Interdisciplinary waste management programs
 - Construction education and instrumentation
- Pre-College Programs
 - Shared mobile laboratories for middle and high schools
 - Strengthening math and science competencies through weekend and summer programs and extra coursework with teachers
- Practical training and Experience
 - Summer Internship Programs
 - Laboratory equipment commonly used for environmental analysis

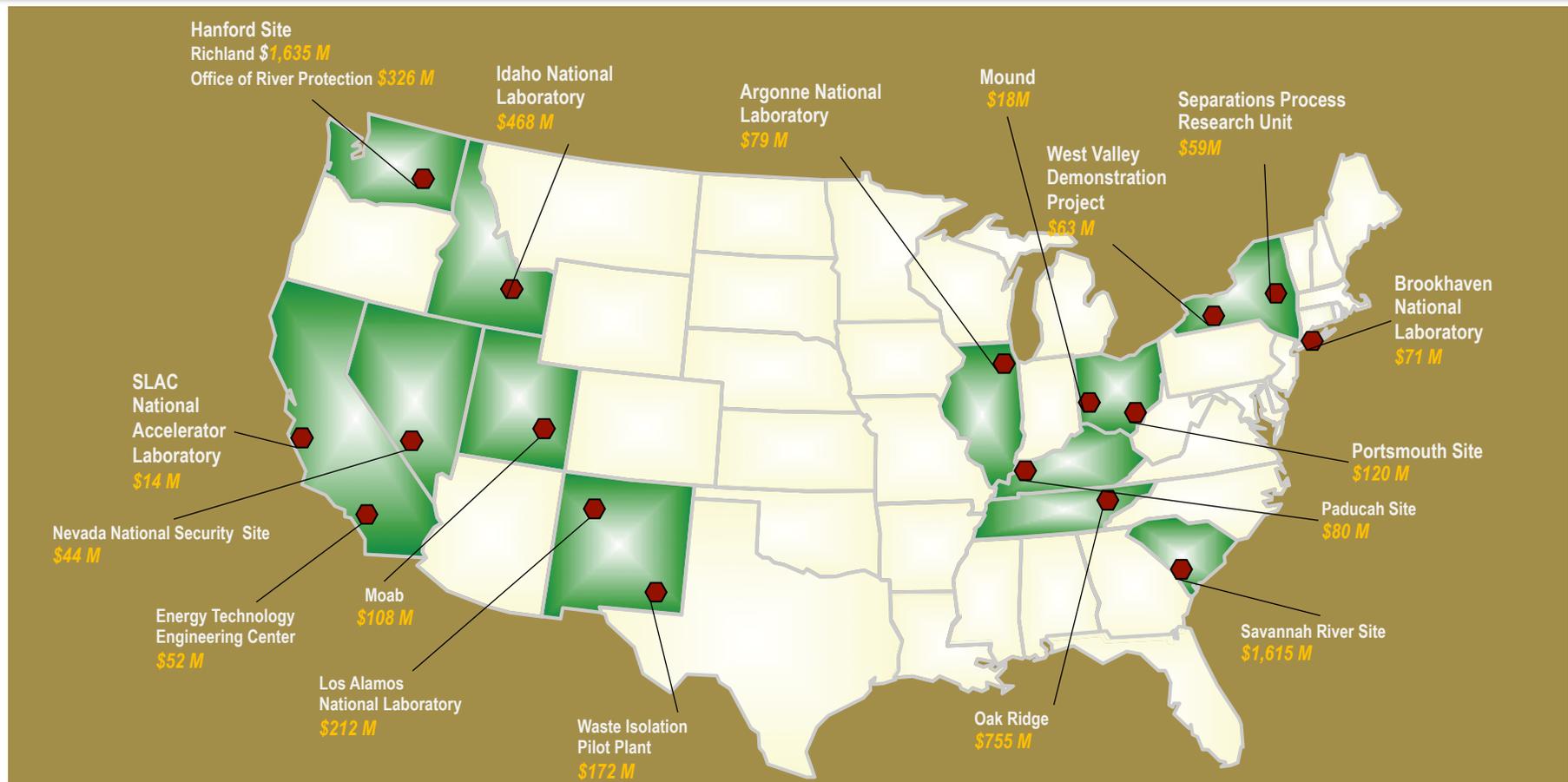


Department of Energy Opportunities

- **EM Professional Development Corps**
 - Mentoring/Rotational Assignments
 - Opportunity for follow-on appointments at DOE
- **Student employment programs**
 - Student Career Experience Program
 - Student Temporary Employment Program
 - DOE Scholars Program
 - DOE Minority Education Institution Student Program
 - Student Volunteer Program



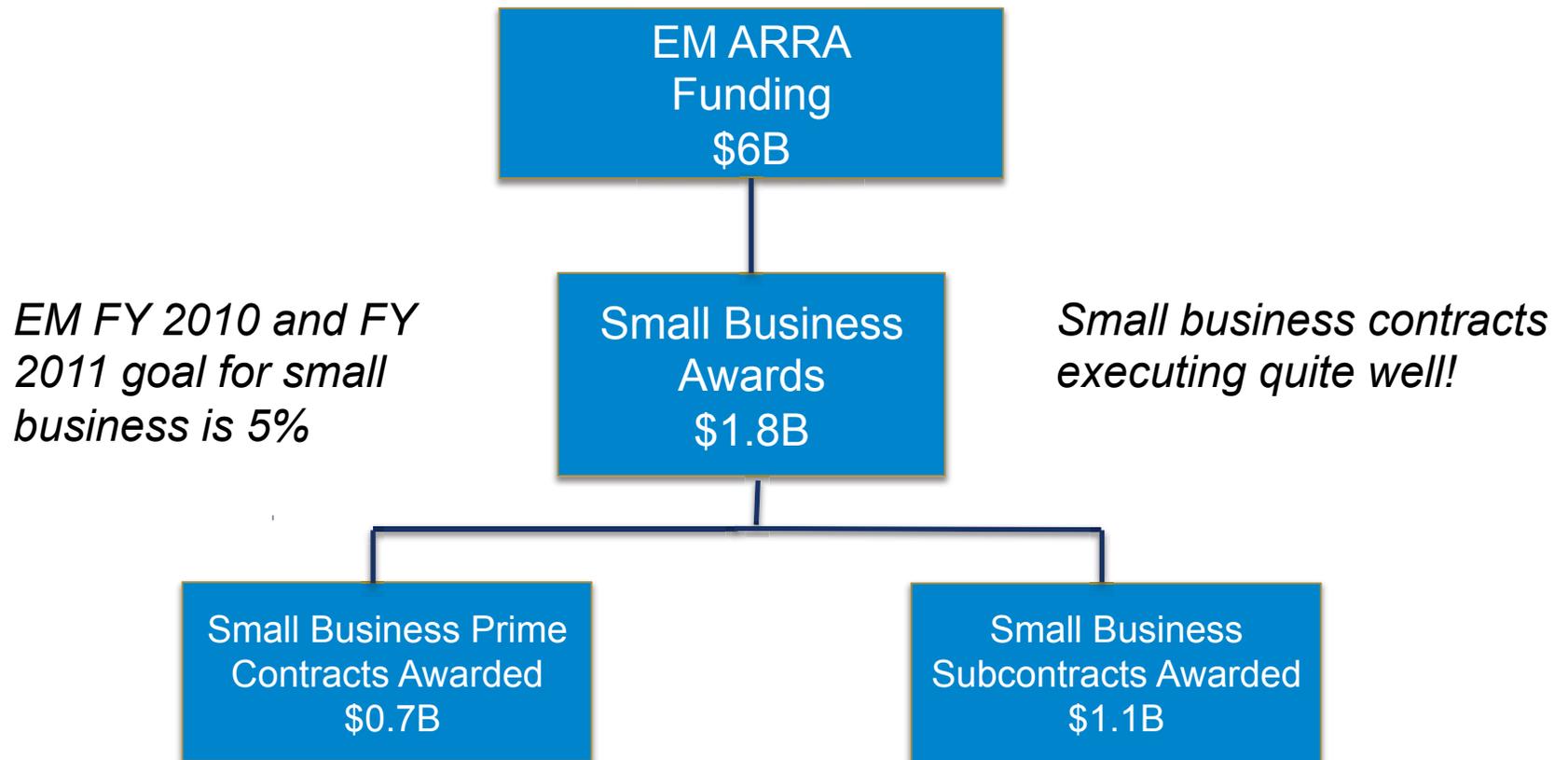
\$6 Billion: Looking Ahead to Communities Across the Country



12 States, 17 Sites
 Uranium/Thorium \$70 M
 Management & Oversight \$28 M

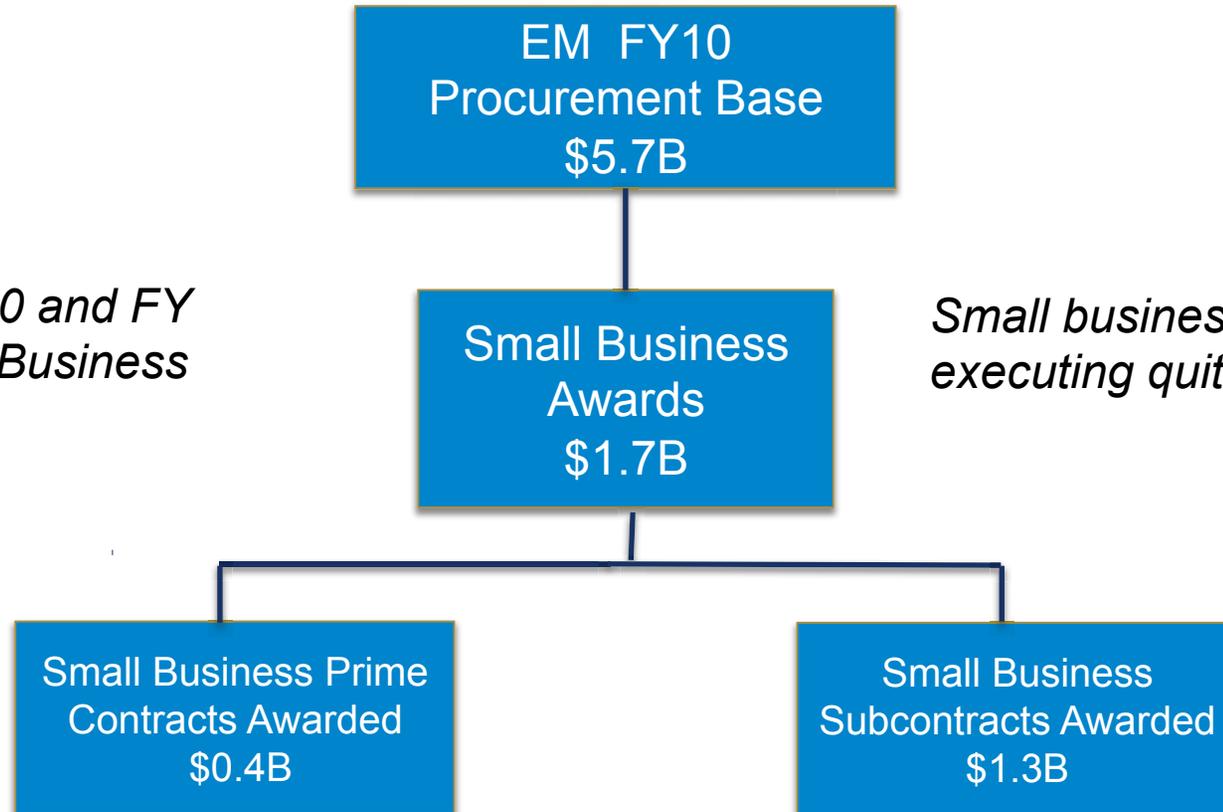


Recovery Act Funding Awarded to Small Businesses



FY10 Small Business Base Funding

EM FY 2010 and FY 2011 Small Business goals is 5%



Small business contracts executing quite well!



Success in Meeting Small Business Goals

- EM FY 2010 and FY 2011 Small Business goal is 5%.
- Awarded over \$481M in Recovery Act funds to EM small business prime contractors.
- Awarded over \$700M in RA funds to small business subcontractors.
- Small business subcontracts continue to be awarded with Recovery Act funding. (No prime contracts in 2011)
- Small business contracts executing well!
- EM awarded over \$900 million in potential contracts to an Indefinite Delivery Indefinite Quantity (IDIQ) pool of small business contractors in 2010.

(Note: We also awarded other small business contracts. See attached list.)



A.J. Stockmeister employees perform preparatory work for asbestos abatement



DKM subcontractor installing electrical systems for construction field trailer



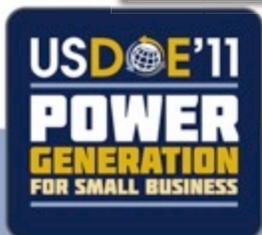
Ambitious Small Business Strategy

- Considerable subcontracting expected to meet EM small business goals

EM FY 2011 small business prime contracting goal = \$310 Million (5.0%)

- DOE's small business subcontracting goals for FY 2010 and FY 2011:

Small Business	50.2%
Small Disadvantaged Business	5.0 %
Woman-Owned Small Business	5.0 %
HUB-Zone Small Business	3.0 %
Service-Disabled Veteran-Owned Small Business	3.0 %



Small Business Opportunities

- Increase Small Business Participation through
 - Exploring new ways to facilitate small business participation
 - Developing mechanism to assist small business through State and Regional Finance Development Organizations

For small business information and opportunities contact

Ms. Brenda Degraffenreid at:

brenda.degraffenreid@hq.doe.gov or (202) 586-4620

For stakeholder and regulator information contact

Ms. Melissa Nielson at melissa.nielson@em.doe.gov or

David Borak at david.borak@em.doe.gov



Real Small Business Stories

- **How Quest® Environmental & Safety Products, Inc. Benefited from ARRA Projects with its Q-Gard Quantumwear® PPE Suit.**

- Quest® Environmental & Safety Products, Inc., a Small Disadvantaged Business in Fishers, IN , an Indianapolis suburb, was able to successfully accelerate the market acceptance of its new invention, Q-Gard Quantumwear®, through the ARRA to help DOE workers fulfill their D and D activities in a safer and more comfortable manner, reduces added suits/ waste and adds efficiency to operations.



Quantamwear clothing worn by Recovery Act workers.

- **Idaho Site Awards over \$46 Million in Recovery Act Funds to Small Businesses**

- IDAHO FALLS, Idaho – Appropriately matching knowledgeable and skilled small businesses with projects accelerated with Recovery Act funding was a priority for the Idaho site to ensure workers would achieve cleanup milestones as they demolish facilities and process and remove contaminated waste from Idaho.
- To date, the Idaho site's main cleanup contractor, CH2M-WG Idaho (CWI) has awarded more than \$46 million from the Recovery Act to 223 small businesses that are helping the Idaho site complete its Cold War cleanup mission. Examples of these businesses are Hayward Baker, Inc., and Communication Designs.



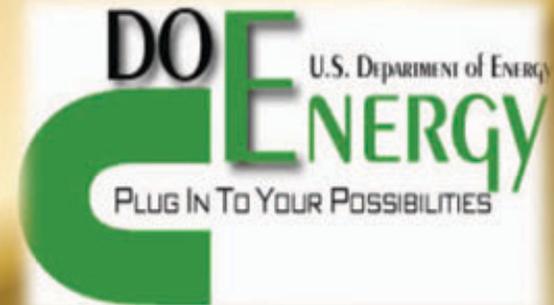
Workers with small business Hayward Baker, Inc., injected cement-based grout into 21 buried waste locations to stop rain and snow melt from infiltrating the contaminated waste produced during historic operations at the Idaho site.



Contacts Career Opportunities

EM Professional Development Corps
Contact Andre Fordham at
empdc@hq.doe.gov or (202) 586-8568
<http://empdc.apps.em.doe.gov/>

DOE Career Intern Program
and other Government Jobs
<http://www.usajobs.gov/>



<http://www.energy.gov/scholarships&internships.htm>



Contacts

HBCU Program Opportunities

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Tips for Success

- **Contact EM Small Business Program Managers**

Headquarters:

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EM Consolidated Business Center:

Karen Bahan (513) 246-0555; karen.bahan@emcbc.gov

Office of River Protection:

Susan Johnson, (509) 373-7914; susan_c_johnson@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

Idaho Operations Office:

Maria Mitchell, (208) 526-8600; mitchemm@id.doe.gov

Oak Ridge Operations Office:

Freda Hopper, (865) 576-9430; hopperfh@or.doe.gov



Useful References

- **FedConnect**
 - Website: <https://www.fedconnect.net/FedConnect/>
 - FedConnect took the place of IIPS once STRIPES was deployed
 - Vendors are able to see the solicitation and get an overview of the anticipated award type
 - Vendors should register into FedConnect in order to get the full benefits of the system such as: submitting questions, receiving emails concerning the solicitation and submitting responses
 - Vendors are able to submit their contract/grant application directly into STRIPES via FedConnect
 - Recommend registering in the Central Contractor Registration (CCR), even if not required
 - Website: <http://www.ccr.gov/>
 - Facilitates FedConnect Registration
 - Assistance with FedConnect Registration: Help Desk at 800-683-0751
 - Additional information or comments: Email STRIPES@hq.doe.gov
- **Other Useful Websites**
 - Federal Organizations utilize Federal Business Opportunities (FedBizOpps): <http://www.fedbizopps.gov>
 - Grants.gov: <http://www.grants.gov/>
 - DOE Acquisition Forecast: <http://hqInc.doe.gov/support/SmallBusUtil.nsf>

