



**Stoller Newport News Nuclear**

A Subsidiary of Huntington Ingalls Industries

# **HII Small Business Brief Stoller Newport News Nuclear**

## **Waste Management 2015 Conference**

March 17, 2015

**Sharon D. Brady**

Stoller Newport News Nuclear (SN3), Vice President

# Huntington Ingalls Industries (HII)



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← Divisions →



Subsidiaries ↙ ↘





# Value-Added Solutions to DOE and DOD



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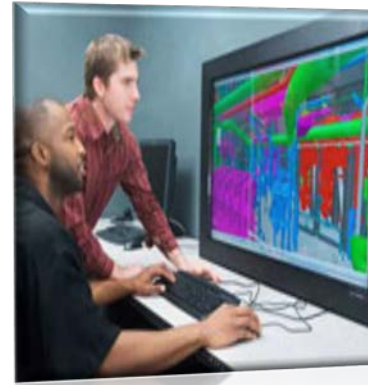
## Capabilities

Full service operations, management, and technical resources to the DOE



## Synergy

Companies have track record of collaboration with little to no “standup” time



## Reachback

Outstanding corporate reachback to ensure the best resources are applied to every solution



## Culture

Strong connective operations  
Safety and quality focus and culture

# Capabilities We Deliver



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## High-Complexity, High-Consequence Project Management

- Nuclear & Industrial Operations
- Environmental Services
- Site & Infrastructure Management
- Engineering & Professional Services



# Stoller Newport News Nuclear Pedigree



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- Builder of the most complex defense assets in the world for more than 129 years
- Executed over 2,000 environmental projects for DOE and other clients since 1980
- Performed environmental services at virtually every site in the DOE EM program
- Sixty-five years of nuclear engineering & manufacturing
  - Design & construction of over 100 reactors (12 aircraft carriers, 6 cruisers, 60 submarines, 1 land-based facility)
  - Managed SNF from more than 80 reactors (8 aircraft carriers, 5 cruisers, 32 submarines, 4 land-based facilities)
  - Eleven complete reactor plant inactivations and 8 in progress
  - Seasoned workforce of more than 4,000 engineering and technical experts supporting nuclear projects

# Stoller Newport News Nuclear Pedigree



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- Customer / Lab-Directed R&D Program supports technology advancement, specialized manufacturing capabilities and nuclear facility innovations
  - Largest non-governmental provider of DOD Maritime asset maintenance and life-extension services
- Successful management of the DOE's Savannah River Site with industry partners
- US & international commercial nuclear engineering and consulting
- Navy and commercial nuclear experience facilitates core competency translation to alternative energy markets

# Stability & Corporate Reachback



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## “Hard Stuff Done Right”



### The Nation's Premier Naval Shipbuilder

- Provider of 70% of the US Navy Fleet.



### World-Class Facilities With Broad Scale and Scope

#### Facilities in:

- San Diego, CA
- Avondale, LA
- Newport News, VA
- Virginia Beach, VA
- Gulfport, MS
- Pascagoula, MS
- Broomfield, CO
- Houston, TX



### World-Class People and Processes

- ~39,000 employees
- More than 5,200 engineers
- More than 1,600 employees with advanced degrees
- More than 19 different crafts and trades
- Nearly 5,000 veterans



### Significant Revenue Stability and Visibility

- Revenues: \$6.8 billion
- Backlog: ~\$20 billion



# The Nation's Premier Naval Shipbuilder



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- Sole source for U.S. Navy nuclear-powered aircraft carriers and their refueling and inactivation services
- Builder of the most complex ships in the world for more than 129 years at Newport News Shipbuilding, and 75 years at Ingalls Shipbuilding
- One of two builders constructing nuclear-powered submarines
- Largest supplier of U.S. Navy surface combatants - has built more than 70 percent of U.S. Navy fleet of warships



# Stoller Newport News Nuclear Core Competencies



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## Nuclear Operations

- Nation's premier nuclear operator
- Special nuclear material management
- Spent nuclear fuel handling
- Security and safeguards
- Disciplined conduct of operations and radiological controls
- Nuclear power consulting services

## Engineering & Design

- 5,500 engineers and designers
- Extensive system testing and startup experience
- Design and analysis
- Systems engineering and integration
- Process excellent tools (LEAN, Six Sigma)

## High Complexity, High Consequence Project Management

- National security and defense programs management
- Advanced project management performance tools
- Nuclear facilities management
- Modeling and simulation for process evaluation and optimization
- Disciplined project and risk management approach

## Environmental Services

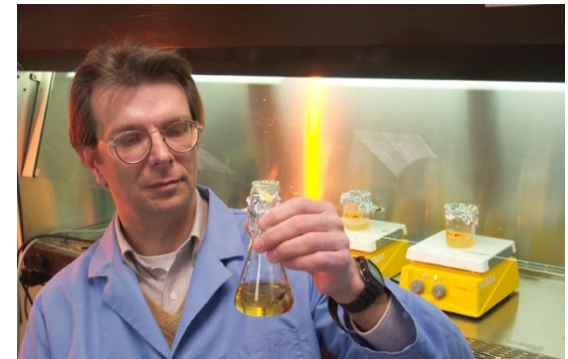
- Nuclear facilities operations
- Facility decommissioning
- Waste management
- Site management and operation
- Landfill design, construction, and operation
- Environmental monitoring and modeling
- Risk assessment and fate and transport modeling
- Performed over 2,000 projects for DOE

# Savannah River Nuclear Solutions



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- SRNS is the Management and Operating contractor for DOE's Savannah River Site in Aiken, SC
  - Nuclear Materials Operations
  - Tritium Operations
  - Nuclear Materials Storage and Disposition
  - Environmental Remediation
  - Solid Waste Management
  - Operate the Savannah River National Laboratory
  - General Site Services (transportation; roads; maintenance)



# A Small City



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- Power Plants
  - 9 power plants (5 steam only); All shut down
  - Today- All Biomass
  - 15 miles active steam distribution lines
- Electrical Distribution
  - 12 primary substations
  - 132 miles distribution lines
  - 3,000 wooden poles
- Housing (600 buildings and 400 trailers)
- Railroad Operations (32 miles of active track)
- Fuel & Fleet Management
  - 10 fuel stations, 5 fuel delivery trucks,
  - 698 GSA fleet vehicles
- Process/River Water Systems
- Domestic Water System
- Fire Protection System
  - 4 fire stations; 6 engines; 76 firefighters



*...240 miles of roads and eight bridges*

# SRS missions today



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## Environmental Management

Savannah River National Laboratory

Management, stabilization and disposition of neptunium, uranium, plutonium and other nuclear materials

Management and disposition of solid, liquid and transuranic wastes

Receipt and management of spent fuel and other nuclear materials from other DOE sites and domestic research reactors

Environmental Stewardship



## National Nuclear Security Administration

Tritium operations and extraction

Directed stockpile work

Recovering Helium-3

Global Nonproliferation

Mixed Oxide Fuel Fabrication Facility

Waste Solidification Building

Uranium blending and shipping

Foreign fuel receipts

# SRNS Small Business Subcontracting



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## Subcontracting & Small Business Stats:

	<u>FY2013</u>	<u>FY2014</u>
Total Commitments	\$195M	\$230M
Small Business Subcontracts	67%	64%

## Small Business Contact:

[www.savannahrivernuclearsolutions.com](http://www.savannahrivernuclearsolutions.com)

Under Opportunities – the Small Business tab leads you to:

Cheryl Hartfield, Coordinator

Supplier Diversity

Phone: 1.800.888.7986

Email: [supplierdevelopment@srs.gov](mailto:supplierdevelopment@srs.gov)

# DOE Office of Legacy Management Who We Are...



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- DOE established LM in 2003 to manage legacy sites after remediation has been completed.
- Sites range in size and complexity from small sites with only records-management responsibilities to several-thousand-acre sites with disposal cells and active groundwater treatment.
- LM currently performs inspections, environmental monitoring, and maintenance at 90 sites in 28 states (including 12 sites on or adjacent to Native American Tribal Nation land), and Puerto Rico.



Chitka Bay, Amchitka Island

# Anticipated LM Sites Through FY 2020



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# LM Mission and Goals



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***“ . . . to manage the Department’s post-closure responsibilities and ensure the future protection of human health and the environment.”***

Currently LM has responsibility for 90 remediated sites including

- Sites transferred from the Office of Environmental Management (EM)
- Uranium Mill Tailings Radiation Control Act (UMTRCA) sites
- Formerly Utilized Remedial Action Program (FUSRAP) sites
- Nevada Offsites (NVOs)
- Other miscellaneous sites

## **LM’s five goals**

1. Protect human health and the environment (long-term surveillance and maintenance)
2. Preserve, protect, and share records and information
3. Meet commitments to the contractor workforce
4. Optimize the use of land and assets
5. Sustain management excellence

**Small Business Awards:** construction, technical services, professional services, computers, drilling (direct push) rigs and supplies

## Subcontracting and Small Business Stats:

All Subcontracting \$153,850,188

Small Business Awards 64%

## Small Business Contacts:

- Rex Sellers, [rex.sellers@lm.doe.gov](mailto:rex.sellers@lm.doe.gov), 970-248-6614
- Fred Hudson, [fred.hudson@lm.doe.gov](mailto:fred.hudson@lm.doe.gov), 970-248-6322

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## Small Business Commits (10/1/13 – 9/30/14)



Total (Large + Small)	\$2,035,275,486.52
Small Business	40.8%
Small Disadvantaged Business	1.7%
Women-Owned Small Business	5.1%
HUBZone Small Business	0.6%
Veteran-Owned Small Business	4.1%
Service-Disabled Veteran-Owned Small Business	0.7%
Alaska Native Corporations and Indian Tribes that have not been certified by the Small Business Administration as SDB	0.1%

Government Agencies: DOD, DOE, DHS and GSA

# Newport News Shipbuilding (NNS) Small Business Office Supplier Programs



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## For companies that want to become a NNS supplier:

- Prospective Supplier Program
  - ✓ To receive program form, email: [NNSProspectiveSupplier@hii-nns.com](mailto:NNSProspectiveSupplier@hii-nns.com)
- Meet & Greet Program
  - ✓ To request a meeting, email: [SmallBusiness@hii-nns.com](mailto:SmallBusiness@hii-nns.com)

## For companies that are currently a NNS supplier:

- Existing Supplier Spotlight Program
  - ✓ To receive program form, email: [SmallBusiness@hii-nns.com](mailto:SmallBusiness@hii-nns.com)

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## Small Business Liaison Officers (SBLO)



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### **Stoller Newport News Nuclear**

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