

ORDER FOR SUPPLIES OR SERVICES

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER 11/28/2007	2. CONTRACT NO. (If any) DTMA1D07001	6. SHIP TO: John C. Wiegand		
3. ORDER NO. TO080000003	4. REQUISITION/REFERENCE NO.	a. NAME OF CONSIGNEE DOT/Maritime Administration, MAR-640		
5. ISSUING OFFICE (Address correspondence to) DOT/Maritime Administration, MAR-380 400 Seventh Street, SW., Room 7310 Washington DC 20590		b. STREET ADDRESS MAR-640.2, RM W25-209/212 1200 New Jersey Ave, S.E.		
		c. CITY Washington	d. STATE DC	e. ZIP CODE 20590-0001
7. TO:		f. SHIP VIA		
a. NAME OF CONTRACTOR HARVEY STORY		8. TYPE OF ORDER		
b. COMPANY NAME AREVA NP INC.		<input type="checkbox"/> a. PURCHASE REFERENCE YOUR: _____ Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.		
c. STREET ADDRESS 7207 IBM Drv,		<input type="checkbox"/> b. DELIVERY - Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.		
d. CITY Charlotte	e. STATE NC	f. ZIP CODE 28262-4307		
9. ACCOUNTING AND APPROPRIATION DATA - 70 - X17680 - 0012008 - SD - 0000 - - 160000 - SDSDSA V - 0 - 25301 - - - - -		10. REQUISITIONING OFFICE		

11. BUSINESS CLASSIFICATION (Check appropriate box(es))			
<input type="checkbox"/> a. SMALL	<input checked="" type="checkbox"/> b. OTHER THAN SMALL	<input type="checkbox"/> c. DISADVANTAGED	<input type="checkbox"/> d. WOMEN-OWNED
12. F.O.B. POINT Destination	14. GOVERNMENT B/L NO.	15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)	16. DISCOUNT TERMS
13. PLACE OF		See Line Item Detail for Delivery Dates	10 days % 20 days % 30 days % 0 days %
a. INSPECTION	b. ACCEPTANCE		

17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	SEE LINE ITEM DETAIL					

SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT	19. GROSS SHIPPING WEIGHT	20. INVOICE NO.		17(h) TOT. (Cont. pages)
	21. MAIL INVOICE TO: Tammy Curnett				
	a. NAME DOT/ Enterprise Services Center (ESC) OFO/FAA, Oklahoma City				
	b. STREET ADDRESS (or P.O. Box) MARAD A/P Branch, AMZ-150 PO Box 25710				
	c. CITY Oklahoma City	d. STATE OK	e. ZIP CODE 73125		17(i) GRAND TOTAL \$377,194.00

22. UNITED STATES OF AMERICA BY (Signature)	23. NAME (Typed) M. E. Simmons TITLE: CONTRACTING/ORDERING OFFICER
---	--

**ORDER FOR SUPPLIES OR SERVICES
SCHEDULE - CONTINUATION**

PAGE NO.
3 of 3

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER 11/28/2007	CONTRACT NO. DTMA1D07001	ORDER NO. TO080000003
-----------------------------	-----------------------------	--------------------------

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
0001	SAFSTOR COST ESTIMATE See attached statement of work Para.4.1 <i>Delivery Date</i> <i>Start Date</i> <i>End Date</i> 01/15/2008 11/29/2007 12/31/2008	1.00	NTE	33,420.000	33,420.00	
0002	POST SHUTDOWN DECOMMISSIONING ACTIVITIES REPORT See attached statement of work Para.4.2 <i>Delivery Date</i> <i>Start Date</i> <i>End Date</i> 01/15/2008 11/29/2007 12/31/2008	1.00	NTE	17,072.000	17,072.00	
0003	HISTORICAL SITE ASSESMENT See attached statement of work Para.4.3 <i>Delivery Date</i> <i>Start Date</i> <i>End Date</i> 06/30/2008 11/29/2007 12/31/2008	1.00	NTE	123,137.000	123,137.00	
0004	DERIVED CONCENTRATION GUIDELINE LEVELS See attached statement of work Para.4.4 <i>Start Date</i> <i>End Date</i> 11/29/2007 12/31/2008	1.00	NTE	76,796.000	76,796.00	
0005	CHARACTERIZATION SURVEY PLAN See attached statement of work Para.4.5	1.00	NTE	126,769.000	126,769.00	

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17i) ➡ \$377,194.00

Scope of Work: Task Order - NSS SAFSTOR Planning and Engineering

1. OVERVIEW

The Contractor (Areva, N.P.) developed a plan to bring the N.S. SAVANNAH into contemporary industry standard for Safe Storage (SAFSTOR). The contractor shall now develop the detailed engineering and planning required for executing the industrial efforts necessary to meet the contemporary standard of SAFSTOR.

2. SCOPE OF WORK

The scope of this task order relates to the all engineering and planning functions necessary for carrying out the “Industrial effort” for accomplishing SAFSTOR status as defined by the Nuclear Regulatory Commission. This shall include:

- attending meetings
- conducting ship surveys
- conducting research
- conducting interviews
- preparing reports, procedures as may be required

More importantly, it is not the intention of this task order to conduct the actual installation of systems or equipment or otherwise make modification the N.S. SAVANNAH.

3. ADMINISTRATIVE REQUIREMENTS

3.1 Progress Reports

Progress reports shall be in accordance with the contract and may be combined with reports for previously issued tasks.

3.2 Travel

Travel where directed shall be reimbursable in accordance with Federal Travel Regulations

3.3 Meetings

Meetings and telephone conferences shall be scheduled in advance to allow for preparation, travel planning and agenda development. WebEx Internet Conference services can be provided where necessary. Travel by the contractor or the government shall be determined on a case-by-case basis. The contractor shall plan to attend the following meetings or teleconferences to discuss the status of the Task Order:

NOTE: Assume that the following shall be teleconference meetings unless otherwise determined as per the above paragraph.

3.3.1 KICK-OFF MEETING

This may be conducted as a teleconference at the contractor’s request

3.3.2 STS PROJECT TEAM TELECONFERENCES

This meeting is generally scheduled on a bi-weekly basis and is approximately one-hour in duration.

3.3.3 PROGRESS MEETINGS

This meeting shall be scheduled by the contractor to occur not earlier than 3-weeks after Notice-to-Proceed (NTP) and no later than 6-weeks after NTP. The contractor shall be prepared to discuss progress made to date, problem areas requiring government input for resolution and clarifications regarding the task order. Additional meetings shall be conducted on a monthly basis

3.3.4 CLOSE-OUT MEETING

The contractor shall be prepared to attend a task order close-out meeting to deliver the final N.S. SAVANNAH SAFSTOR Plan, schedule and cost estimate with details and brief the N.S. SAVANNAH Technical Staff and Team on its implementation.

4. FUNCTIONAL REQUIREMENTS

{DEFERRED} Items tagged as such are deferred subject to the availability of funds, by modification to this task order. All items shall be priced for negotiation and consideration.

4.1 SAFSTOR Cost Estimate

The contractor shall prepare a Cost Estimate (the Estimate) for achieving SAFSTOR status. This Estimate shall be based on the Work Breakdown Structure (WBS) and schedule previously provided to the government under Task Order 07-002. The estimate and WBS shall be detailed down to the activity based tasking and logically linked with in the Project Schedule.

4.2 Post Shutdown Decommissioning Activities Report (PSDAR)

The contractor shall assist the government's License Compliance Manager with incorporating the SAFSTOR Plan into the PSDAR as necessary. This shall include the contractor providing the necessary effort to support any meetings with the NRC and the public associated with the PSDAR.

4.3 Historical Site Assessment (HSA)

The contractor shall conduct an Historical Site Assessment of the N.S. SAVANNAH which shall include assisting the government in conducting interviews of previous N.S. SAVANNAH employees. Activities for preparing the assessment shall also include following MARSSIM guidance, e.g., Section 3.1 and 3.2. The contractor shall evaluate and summarize all existing characterization type data, including data used in the N.S. SAVANNAH Reactor Pressure Vessel Waste Classification Study. The contractor shall conduct a gap analysis of existing data to required (MARSSIM) data.

4.4 Derived Concentration Guideline Levels (DCGLs)

As part of the HSA, the contractor shall develop the initial Derived Concentration Levels (DCGLs), identify survey areas, and assign MARSSIM Classifications for each area identified.

4.5 Characterization Survey Plan

The contractor shall develop a Characterization Survey Plan following MARSSIM guidance where it is practical. This shall include Sampling and Analysis Plan (SAP) and other supporting procedures necessary to conduct an MARSSIM Characterization Survey.

4.6 Engineering and Planning Tasks {DEFERRED}

The contractor shall conduct engineering assessments and system walk downs sufficient to complete the engineering tasks that follow. The engineering tasks shall include cost estimates for each activity identified and preliminary schedule for the completion of each activity shall be included in the SAFSTOR Schedule.

4.6.1 SAFETY UPGRADES PLAN {DEFERRED}

The contractor shall conduct surveys and assessments as may be necessary to develop a Safety Plan for the N.S. SAVANNAH in SAFSTOR. As part of the plan, the contractor shall identify safety hazards to routing monitoring and surveillance of the nuclear facility while in SAFSTOR, and make the necessary recommendations for Safety Upgrades. The efforts involved shall include coordinating the necessary sample collecting and evaluation with those efforts for the conduct of the Characterization Survey.

4.6.2 ELECTRICAL SYSTEM ENGINEERING PLAN {DEFERRED}

The contractor shall conduct a “hands-on” review and walk down of the electrical distribution system by a qualified electrical engineer. The contractor shall develop a plan and specification necessary for implementing the accepted recommendations of the engineer for making the system safe while the facility is in SAFSTOR.

4.6.3 HVAC SYSTEM ENGINEERING PLAN {DEFERRED}

The contractor shall conduct a “hands-on” review and walk down of the Heating and Ventilation Air Conditioning (HVAC) system by a qualified HVAC engineer. The contractor shall develop a plan and specification necessary for implementing the accepted recommendations of the engineer for providing heating and ventilation to ensure a “SAFE WORK ENVIRONMENT” during the SAFSTOR preparation phase and ensuring that the system safe remains safe from hazards while the facility is in SAFSTOR.

4.6.4 MECHANICAL SYSTEMS ENGINEERING PLAN {DEFERRED}

The contractor shall conduct a “hands-on” review and walk down of the electrical distribution system by a qualified mechanical engineer. The contractor shall develop a plan and specification necessary for implementing the accepted recommendations of the engineer for making the system safe while the facility is in SAFSTOR.

5. DELIVERABLES

NOTE: The contractor shall propose a deliverable schedule for all deliverables. Initial submittals shall be considered DRAFT for comment by the government. The Final shall be submitted 10 days following receipt of any comments made by the government.

5.1 SAFSTOR Cost Estimate

5.1.1 COST ESTIMATE

Due NTP+45 days

5.1.2 WORK BREAKDOWN STRUCTURE

Due NTP+45 days

5.1.3 SAFSTOR PROJECT SCHEDULE

Initial NTP+45 days

Revisions As Required

5.2 Post Shutdown Decommissioning Activities Report

Due NTP+45 days

5.3 Historical Site Assessment

Due 6/30/08

5.4 Derived Concentration Guidelines Levels

Due As Required

5.5 Characterization Survey Plan

Due As Required

5.6 Engineering Plans

5.6.1 SAFETY UPGRADES PLAN

Due TBD

5.6.2 ELECTRICAL SYSTEM ENGINEERING PLAN

Due TBD

5.6.3 HVAC SYSTEM ENGINEERING PLAN

Due TBD

5.6.4 MECHANICAL SYSTEMS ENGINEERING PLAN

Due TBD

6. GOVERNMENT FURNISHED INFORMATION

6.1 Rough of Order of Magnitude Cost Estimate and Final Report

6.2 N.S. SAVANNAH Reactor Pressure Vessel Drilling, Sampling and Radiochemical Analysis Report

6.3 N.S. SAVANNAH Radiological and Non-Radiological Spaces Characterization Survey Report (Rev 1)

6.4 N.S. SAVANNAH Operation Logs, Technical Manuals, Drawings and other historical information

This information will be made available onboard N.S. SAVANNAH, where available, as required.