

ORDER FOR SUPPLIES OR SERVICES

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

BPA NO.

1. DATE OF ORDER January 14 2009		2. CONTRACT NO. (If any) NRC-02-06-021		6. SHIP TO:	
3. ORDER NO. T005		MODIFICATION NO.		a. NAME OF CONSIGNEE U.S. Nuclear Regulatory Commission ATTN: Brenda DuBose, 301-492-3247	
4. REQUISITION/REFERENCE NO. NMS-06-021-001/FFS: 5009R002		5. ISSUING OFFICE (Address correspondence to) U.S. Nuclear Regulatory Commission Division of Contracts Contract Management Center No. 1 Mail Stop TWB-01-B10M Washington, DC 20555		b. STREET ADDRESS Mail Stop: E-1-D2M	
7. TO:		c. CITY Rockville		d. STATE MD	e. ZIP CODE 20852
a. NAME OF CONTRACTOR SOUTHWEST RESEARCH INSTITUTE INC		f. SHIP VIA		8. TYPE OF ORDER	
b. COMPANY NAME		<input type="checkbox"/> a. PURCHASE		<input checked="" type="checkbox"/> b. DELIVERY	
c. STREET ADDRESS 6220 CULEBRA RD		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.		Except for billing instructions on the reverse, this delivery/task 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 SAN ANTONIO		e. STATE TX	f. ZIP CODE 782385100		
9. ACCOUNTING AND APPROPRIATION DATA 950-15-333-208 J-5590 252A 31X0200 FFS: 5009R002 \$23,972		10. REQUISITIONING OFFICE NMS NMSS/PBPA/OB			

11. BUSINESS CLASSIFICATION (Check appropriate box(es))				12. F.O.B. POINT Destination	
<input type="checkbox"/> a. SMALL	<input checked="" type="checkbox"/> b. OTHER THAN SMALL	<input type="checkbox"/> c. DISADVANTAGED	<input type="checkbox"/> g. SERVICE-DISABLED VETERAN-OWNED.		
<input type="checkbox"/> d. WOMEN-OWNED	<input type="checkbox"/> e. HUBZone	<input type="checkbox"/> f. EMERGING SMALL BUSINESS			

13. PLACE OF		14. GOVERNMENT B/L NO.		15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date) 01/14/09 - 02/12/09		16. DISCOUNT TERMS NET 30	
a. INSPECTION Rockville, MD 20852	b. ACCEPTANCE Rockville, MD 20852						

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)
	<p>Contractor shall provide services in accordance with the attached Statement of Work entitled "Support for Review of AREVA NC Facility License Application."</p> <p>The total estimated (ceiling) is \$23,972 and the obligated amount is \$23,972. Any work undertaken by the Contractor in excess of the obligated amount specified above is done so at the Contractor's sole risk.</p> <p>NRC TECHNICAL MONITOR: Breeda Reilly (301) 492-3110 NRC PROJECT OFFICER: Brenda DuBose 301-492-3247</p> <p>PERIOD OF PERFORMANCE: 01/14/2009 - 02/12/2009</p> <p>DUNS: 007936842</p>					

18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		\$23,972	
21. MAIL INVOICE TO:							
a. NAME Department of Interior / NBC Attn: Fiscal Services Branch - D2770; NRCPayments@nbc.gov							
b. STREET ADDRESS (or P.O. Box) 7301 W. Mansfield Avenue							
c. CITY Denver CO 80235-2230		d. STATE CO	e. ZIP CODE 80235-2230				17(h) TOTAL (Cont. pages)
						17(i) GRAND TOTAL	

22. UNITED STATES OF AMERICA BY (Signature) 		23. NAME (Typed) Valerie M. Whipple Contracting Officer TITLE: CONTRACTING/ORDERING OFFICER	
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List of Attachments

1. Statement of Work

Please indicate your acceptance of this order by having an official who is authorized to bind your organization, execute this document in the space provided below.

ACCEPTED:



Name **R. B. Kalmbach** January 30, 2009
Date
Title **Executive Director, Contracts**

A. SEAT BELTS

Contractors, subcontractors, and grantees, are encouraged to adopt and enforce on-the-job seat belt policies and program for their employees when operating company-owned, rented, or personally owned vehicles.

B. CONSIDERATION AND OBLIGATION--COST PLUS FIXED FEE (JUN 1988) ALTERNATE I (JUN 1991)

(a) The total estimated cost to the Government for full performance of this contract is **\$23,972**, of which the sum of **\$22,226** represents the estimated reimbursable costs, and of which **\$1,747** represents the fixed fee.

(b) There shall be no adjustment in the amount of the Contractor's fixed fee by reason of differences between any estimate of cost for performance of the work under this contract and the actual cost for performance of that work.

(c) The amount currently obligated by the Government with respect to this contract is **\$23,972**, of which the sum of **\$22,226** represents the estimated reimbursable costs, and of which **\$1747** represents the fixed fee.

C. PERIOD OF PERFORMANCE

The period of performance of this order shall be January 14, 2009 through February 12, 2009 (thirty days).

**STATEMENT OF WORK
Task Order #5**

PROJECT TITLE: SUPPORT FOR REVIEW OF AREVA NC FACILITY
LICENSE APPLICATION

JOB CODE: J5590

NRC PROJECT MANAGER: Brenda J. DuBose (301) 492-3247

NRC TECHNICAL MONITOR: Breeda Reilly (301) 492-3110

DCOKET NUMBER: 70-7015

PRE-APPLICATION
TAC NUMBER: L32381

1.0 BACKGROUND

In April 2007, AREVA NC (AREVA) notified the U.S. Nuclear Regulatory Commission (NRC) of its intent to file a license application for a gas centrifuge uranium enrichment facility in Bonneville County, Idaho, approximately 18 miles west of Idaho Falls, adjacent to Idaho National Laboratory (INEL). AREVA plans to call the facility the Eagle Rock Enrichment Facility. AREVA intends to submit an application for a capacity of 3 million Separative Work Units (SWU). AREVA indicated that it would submit a license application for the facility in the timeframe of December 2008 to provide enrichment services using advanced centrifuge technology from Enrichment Technology Company, headquartered in the Netherlands.

NRC staff will use 10 CFR Parts 40, 51, and 70 regulations as the basis for licensing the gas centrifuge uranium enrichment facilities. There will be mandatory formal hearings and there may be formal contested hearings conducted under 10 CFR Part 2, Subpart G. NRC must issue its license before any construction can begin. NRC staff will use NUREG-1520, "Standard Review Plan for the Review of a License Application for a Fuel Cycle Facility," as the basis for its review.

2.0 OBJECTIVE

The objective of this task is to provide technical support to the NRC staff in reviewing the AREVA license application for acceptability for a more detailed review of the seismic, structural design, and tornado and high wind hazard evaluations performed by AREVA in support of its license application and environmental report. A thorough acceptance review is integral to the efficient review of a license application. The early identification of insufficient information benefits both the NRC staff and the licensee or applicant. The NRC staff benefits by identifying informational needs earlier and expending fewer resources in completing its review. The licensee or applicant benefits by understanding potential NRC staff concerns and needs earlier, in addition to getting faster decisions on licensing actions.

3.0 LEVEL OF EFFORT

The level of effort for this task order is 0.08 FTE.

4.0 PERIOD OF PERFORMANCE

The period of performance for this effort shall be 30 days from date of award. For planning purposes, it is estimated that an award of this task order will be made in January 2009.

5.0 SCOPE OF WORK

General acceptance criteria for acceptance review is found in 'Standard Review Plan for the Review of a License Application for a Fuel Cycle Facility,' NUREG-1520 (2002). Each chapter of NUREG 1520 addresses the matters to be reviewed for a given technical discipline; the NRC's regulations pertinent to specific technical matters; and the acceptance criteria used by the staff. The contractor shall review the seismic, structural design, and tornado and high wind analyses presented in the AREVA NC license application, integrated safety analysis summary, and environmental report to support the acceptance review. As part of the acceptance review, the contractor shall determine whether the information provided by the applicant adequately describes the seismologic, geology, earthquake acceleration, and other related characteristics of the site and the surrounding area. The contractor shall also determine whether the applicant has adequately described the facility structures, for example, the structural design criteria; codes and standards for structural design, concrete design, precast concrete design, steel construction, and testing and material selections; and structural design loads.

The contractor will also determine whether the applicant has identified and evaluated credible events (accident sequences) involving any credible external events such as floods, high winds, tornadoes, and earthquakes and that the applicant has provide a characterization of natural phenomena (e.g., tornadoes, hurricanes, floods, and earthquakes) and other external events. In instances where the applicant determines that certain external events are not credible, the contractor will determine whether the applicant has provided justification. The contractor will also determine whether the applicant has provided facility and structural design information, for example, descriptions of the overall facility layout on scaled drawings, including the site's geographical features and facility structural features (such as buildings, towers, and tanks) and transportation right-of-ways, and the relationship of specific facility features to the major processes that will be ongoing at the facility.

Specifically, the contractor shall:

Subtask 1: Provide for the NRC a summary of the acceptability of the license application for a detailed review. This summary can be in the form of an electronic mail or a memorandum which states categorically that the application is acceptable for review or states significant deficiencies making the application unacceptable for detailed review.

6.0 TRAVEL REQUIREMENTS

None.

7.0 NRC FURNISHED MATERIAL

The NRC TPM will provide copies of the license application to the contractor:

8.0 CONTRACTOR ACQUIRED MATERIAL

No materials are expected to be acquired under this task order.

9.0 DELIVERABLES AND SCHEDULE

Deliverable	Completion Date
Deliverable 1: Prepare and provide e-mail or memorandum stating application acceptable for detailed review or identifying significant deficiencies making the license unacceptable for further review (Ref: Subtask 1)	30 days after the task order is awarded given discussions with NRC staff and licensee begin immediately following the receipt of task order

Any change(s) to the delivery schedule delineated under Section 9.0 – Deliverables and Schedule, must be approved and authorized, in writing, by the NRC Contracting Officer.

10. TECHNICAL DIRECTION

Breeda Reilly is designated as the NMSS TPM for this task order. Brenda J. DuBose is designated as the NRC PO. The NMSS TPM is responsible for providing technical guidance to the performing organization regarding staff interpretations of technical aspects of regulatory requirements along with relevant documents when requested by the performing organization. All work products must be reviewed and approved by the NMSS TPM before they are submitted as final documents. All technical direction given to the contractor by the NRC TPM must be consistent with the work scope and schedule. The NMSS TPM is not authorized to unilaterally make changes to the approved work scope or schedule or give the contractor any direction that would increase costs over approved levels. Directions, if any, for changes in scope of work, cost, or period of performance will be issued by the NRC Contracting Officer.