

# ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

1 3

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

BPA NO.

1. DATE OF ORDER <b>06/13/06</b>	2. CONTRACT NO. (If any) NRC-02-04-014	6. SHIP TO:	
3. ORDER NO. T009	MODIFICATION NO.	4. REQUISITION/REFERENCE NO.	

5. ISSUING OFFICE (Address correspondence to) U.S. Nuclear Regulatory Commission Division of Contracts Two White Flint North - MS T-7-I-2 Contract Management Center No. 1 Washington, DC 20555		a. NAME OF CONSIGNEE U.S. Nuclear Regulatory Commission ATTN: Matthew Blevins, 301-415-7684	
b. STREET ADDRESS Mail Stop: 7J8 11555 Rockville Pike		c. CITY Rockville Pike	d. STATE MD
		e. ZIP CODE 20852	

7. TO:	f. SHIP VIA
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a. NAME OF CONTRACTOR SOUTHWEST RESEARCH INSTITUTE	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 JOB CODE: J5511 B & R NUMBER: 65015355288 BOC: 252A APPN: 31X0200 \$95,500	10. REQUISITIONING OFFICE NMS NMSS/PMDA/RASB
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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 BL NO.	15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date) 06/13/06 - 03/30/07	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 "Technical Assistance for the Development of an Environmental Assessment for the Hematite Decommissioning Plan and Associated License"</p> <p>The total estimated (ceiling) is \$216,019 and the obligated amount is \$95,500. 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 PROJECT OFFICER: Matthew Blevins 301-415-7684</p> <p>PERIOD OF PERFORMANCE: 06/13/2006 - 03/30/2007.</p>					

SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT	19. GROSS SHIPPING WEIGHT	20. INVOICE NO.	216,019	17(h) TOTAL (Cont. pages)
	21. MAIL INVOICE TO:				
	a. NAME U.S. Nuclear Regulatory Commission Payment Team, Mail Stop T-9-H-4				17(i). GRAND TOTAL
	b. STREET ADDRESS (or P.O. Box) Attn: (NRC-02-04-014)				
c. CITY Washington		d. STATE DC	e. ZIP CODE 20555		

22. UNITED STATES OF AMERICA  
BY (Signature)

23. NAME (Typed)  
Valerie Whipple  
Contracting Officer  
TITLE: CONTRACTING/ORDERING OFFICER

TEMPLATE - ADM001

SUNSI REVIEW COMPLETE


ADM002

## 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, Date June 22, 2006

Title 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)

- (a) The total estimated cost to the Government for full performance of this contract is \$216,019, of which the sum of \$201,363 represents the estimated reimbursable costs, and of which \$14,656 represents the fixed fee.

The total estimated cost of \$216,019 is comprised of Tasks 1 and 2, as follows:

Base Work:

Task One:	\$ 92,262
Task Two:	<u>\$123,757</u>
Total Amount:	<u>\$216,019</u>

- (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 presently obligated with respect to this order is \$95,500. The Contractor shall not be obligated to incur costs above this ceiling/obligated amount unless and until the Contracting Officer shall increase the amount obligated. Any work undertaken by the Contractor in excess of the obligated amount specified above is done so at the Contractor's sole risk.

**C. PERIOD OF PERFORMANCE**

The period of performance of this order shall be June 12, 2006 - March 30, 2007.

**D. CLAUSES INCORPORATED BY REFERENCE**

1. FAR 52.251-1 Government Supply Sources (April 1984)
2. FAR 52.245-5 Government Property (Cost-Reimbursement, Time-and-Materials, or Labor Hour Contracts) Alternate I (May 2004)
3. FAR 52.227-1 Authorization and Consent (July 1995) Alternate I (April 1984)
4. FAR 52.227-11 Patent Rights - Retention by the Contractor (Short Form) (June 1997).

**E. KEY PERSONNEL (JAN 1993)**

(a) The following individuals are considered to be essential to the successful performance of the work hereunder:

Name

Title

[REDACTED]

The contractor agrees that personnel may not be removed from the contract work or replaced without compliance with paragraphs (b) and (c) of this section.

(b) If one or more of the key personnel, for whatever reason, becomes, or is expected to become, unavailable for work under this delivery order for a continuous period exceeding 30 work days, or is expected to devote substantially less effort to the work than indicated in the proposal or initially anticipated, the contractor shall immediately notify the contracting officer and shall, subject to the concurrence of the contracting officer, promptly replace the personnel with personnel of at least substantially equal ability and qualifications.

(c) Each request for approval of substitutions must be in writing and contain a detailed explanation of the circumstances necessitating the proposed substitutions. The request must also contain a complete resume for the proposed substitute and other information requested or needed by the contracting officer to evaluate the proposed substitution. The contracting officer and the project officer shall evaluate the contractor's request and the contracting officer shall promptly notify the contractor of his or her decision in writing.

(d) If the contracting officer determines that suitable and timely replacement of key personnel who have been reassigned, terminated, or have otherwise become unavailable for the contract work is not reasonably forthcoming, or that the resultant reduction of productive effort would be so substantial as to impair the successful completion of the delivery order or the service order, the delivery order may be terminated by the contracting officer for default or for the convenience of the Government, as appropriate. If the contracting officer finds the contractor at fault for the condition, the delivery order price or fixed fee may be equitably adjusted downward to compensate the Government for any resultant delay, loss, or damage.

## STATEMENT OF WORK

PROJECT TITLE: TECHNICAL ASSISTANCE FOR THE DEVELOPMENT OF AN ENVIRONMENTAL ASSESSMENT FOR THE HEMATITE DECOMMISSIONING PLAN AND ASSOCIATED LICENSE

JOB CODE: J5511  
TASK AREA 4: Environmental Assessment and Safety Evaluation Preparation  
TASK ORDER NUMBER: Nine (9)  
B&R NUMBER: 65015355288  
NRC ISSUING OFFICE: NMSS  
NRC PROJECT OFFICER (PO): Edna Knox-Davin (301) 415-6577  
TECHNICAL  
PROJECT MANAGER (TPM): Matthew Blevins (301) 415-7684  
FEE RECOVERABLE: YES  
TAC NUMBER: L52906  
DOCKET NUMBER: 70-36

### 1.0 BACKGROUND

The U.S. Nuclear Regulatory Commission (NRC) staff is expecting an Environmental Report, Decommissioning Plan, and associated documents for the Westinghouse Electric Company LLC proposed decommissioning at its Hematite facility near Hematite, Missouri (currently NRC license SNM-33). As a former fuel cycle facility, Hematite primarily manufactured uranium metal and uranium compounds from natural and enriched uranium for use as nuclear fuel. Beginning in 1956 and continuing until the mid-1970's, the plant produced uranium compounds for use in the U.S. Navy nuclear program and for use by the U.S. Department of Energy. Subsequently, the facility produced nuclear fuel for commercial use. Westinghouse acquired the site in April 2000 and closed the facility in June 2001. Current operations are focused on various cleanup and decommissioning tasks, for which NRC has produced a previous environmental assessment (EA) for the associated licensing action. Additionally, NRC has produced a draft EA associated with a pending licensing action involving a request for above ground demolition and dismantlement.

### 2.0 OBJECTIVE

The objective of this task order is to obtain assistance with the development of an EA including related necessary information [e.g., acceptance review, requests for information (RAIs) to the licensee/other applicant, any site-specific information related to Section 7 and/or Section 106 consultations, and any NRC requested computer modeling for environmental pathway analysis as obtained below under Section 4.0 Deliverables.

### 3.0 STAFFING

The CNWRA Task Leader shall have in-depth expertise in at least one of the issues covered by the EA and a general understanding of the range of issues covered by NRC EAs as outlined in NRC NUREG-1748. The Task Leader shall have extensive experience in the technical and regulatory aspects necessary for evaluating the environmental impacts of the

decommissioning and/or operation of industrial facilities involving enriched uranium that require reviews under the National Environmental Policy Act (NEPA) such as fuel cycle facilities, and should have expertise in methods used to mitigate the impact on the environment.

Other contractor personnel shall have an appropriate combination of education, training and experience in health physics, ecology, environmental pathway analysis and computer modeling, criticality concerns related to enriched uranium, chemical impacts analysis (e.g., VOCs, PCBs, and inorganics), cultural resources, hydrology, geology, risk assessment, air quality, socio-economics, and cost-benefit analysis as necessary to complete the EA.

#### **4.0 SCOPE OF WORK AND DELIVERABLES**

The contractor shall develop an EA which the NRC will use to support decisions related to the issuance of the licensing action(s) associated with the decommissioning of the site, as described in Section 1.0 of this statement of work (SOW). The work required is described in detail below.

The work conducted under Tasks 1 and 2 shall be subject to the project management requirements described in Section 5.0 of this SOW. Analyses and computer modeling in support of analyses shall be coordinated with the NRC TPM prior to commencing, so as not to repeat the analyses of the NRC staff and to incorporate the analyses of the NRC staff. As identified in Section 5.0 of this SOW, results of the analyses shall be shared in a timely manner (e.g., during biweekly information exchanges described under Task 1) so as to allow the TPM to coordinate with NRC staff efforts.

#### **4.1 TASK1: COLLECT AND REVIEW INFORMATION WITH SUPPORTING ANALYSES**

##### **SUBTASK 1-A - COLLECT AND REVIEW INFORMATION**

The contractor shall collect and review information related to the proposed site and its environs including information provided by the NRC TPM.

The contractor may initiate analyses, including computer modeling, that are not conducted by the NRC staff, for example potential radiological impacts beyond the fence line. Analyses of chemical and other impacts are to be completed by the contractor.

The NRC staff shall provide a copy of potentially relevant documents as they are available at the time this task order work begins.

The contractor shall keep the NRC TPM informed (either via electronic mailing, phone call, or personal meeting) on a bi-weekly basis and describe the information collected, reviewed, and analyzed under this task, including but not limited to: deficiencies found in licensee/applicant submitted information; deficiencies elsewhere; and any portions of previous environmental reviews that can be adopted/tiered/incorporated by reference into the EA.

The contractor shall include in its EA development process, any coordination necessary to cover laws and regulations other than NEPA. As identified by the TPM, the

contractor shall provide supporting information for NRC consultations with other agencies. Information resulting from consultations with other agencies will be provided to the contractor for use in the EA analysis, as well as summary and referencing in the EA document.

No formal deliverables are required under Subtask 1-A.

#### SUBTASK 1-B - ACCEPTANCE REVIEW RAIs

The contractor shall conduct an acceptance review of the licensee's Environmental Report. The contractor shall identify areas that require further information before the environmental report is accepted. Information contained in the ER should be reasonably complete to allow the contractor to complete the environmental review. The acceptance review shall be documented in a brief letter report to the NRC stating what information is missing and the basis for requesting the information (i.e., the potential impact on environmental review). Format of this letter report shall be similar to an RAI request as identified in Section 9.0 of this SOW. RAIs shall be submitted to the NRC, and shall be both clear and concise to elicit the additional information from the licensee.

The acceptance review RAIs shall be completed no later than 15 business days after receipt of Hematite's revised submittal.

#### SUBTASK 1-C - SITE VISIT AND PUBLIC MEETING

The contractor shall visit the site and/or attend public meetings regarding the action, if requested by the NRC staff. The site visit shall be documented in an electronically submitted letter report that describes any new and significant information that was learned or requested from the licensee/applicant. The site visit and/or public meeting attendance shall be scheduled with at least a 10 business day notification from the NRC staff. The contractor shall coordinate with the NRC TPM regarding which contractor staff are to attend the site visit and public meetings, noting that the two activities are often combined in one trip. This letter report shall be completed no later than 15 business days after the site visit is completed.

Subsequent to any public meetings attended, the contractor shall coordinate with the NRC TPM and prepare, a letter report (i.e., similar to a scoping summary report) identifying the information and issues learned at the public meeting. The public meeting letter report shall be completed no later than 25 business days after the latter of either the public meeting or close of the public comment period.

### **4.2 TASK 2: PLAN, DRAFT, AND COMPLETE AN EA**

The scope of work under this task shall involve the planning, drafting, and completion of an EA to evaluate the impacts of the proposed action. The effort shall consist of Subtasks A and B as described below.

Unless directed otherwise by NRC, the contractor shall begin work on Task 2 concurrently with Task 1.

The contractor shall follow NUREG-1748, Chapter 3, to prepare the EA. Deviations from the outline shall be approved by the NRC TPM. Lengthy EAs are generally not acceptable though additional detailed information may be appended to the EA to better explain the basis and technical details necessary for the public to follow the conclusions presented in the EA. The contractor's goal shall be to focus the EA discussion on areas of true concern.

#### SUBTASK 2-A - DRAFT DESCRIPTION OF PROPOSED ACTION/ALTERNATIVES

The contractor shall prepare a description of the proposed action, alternatives, and purpose and need, consistent with the guidance in NUREG-1748. The proposed action and alternatives shall be based on the NRC TPM's input and the applicant's ER and shall include the "No Action" alternative as required by NRC regulations. The description of the proposed action, alternatives, and need shall demonstrate the contractor's understanding of the alternatives and the level of detail required in the subject EA.

This task shall be completed taking into consideration Task 1, and shall be completed no later than 30 business days after the Task Order is issued. To maintain efficiency, the NRC TPM prefers that this be an informal submittal, via electronic mail. This submittal is only being reviewed to verify that the NRC TPM and contractor are in agreement regarding the scope of the EA.

It is anticipated that this task will be refined as the NRC receives additional information from the licensee and public. This task shall also be documented in Subtasks 2-E and 2-F.

#### SUBTASK 2-B - DESCRIPTION OF AFFECTED ENVIRONMENT

The contractor shall provide a Draft Description of the Affected Environment. Consistent with 10 CFR Part 51 and the guidance provided in NUREG-1748. Effort and attention shall be concentrated on important issues as identified in the licensee/applicant ER and Decommissioning Plan, by the TPM, the NRC's Safety Evaluation Report (SER), and/or by public comment, as appropriate.

This task shall be coordinated and completed concurrently with Subtask 2-E, reflecting the intention that the descriptions of the affected environment emphasize information supporting analysis and understanding of impacts.

#### SUBTASK 2-C - IMPACTS OF PROPOSED ACTION AND ALTERNATIVES

The contractor shall provide a description of the impacts from the proposed action and alternatives. For each alternative described in the final description of the proposed action and alternatives, the contractor shall assess the impacts of normal decommissioning operating conditions, including cumulative impacts. The assessment of impacts shall be based on the guidance provided in NUREG-1748 (e.g., water resources, ecology, air quality, transportation, historical and cultural resources, human health impacts, etc.). The contractor shall limit impact discussions to those areas that are reasonably impacted by the proposed action. The contractor shall develop impacts based on the description of the proposed action and alternatives, as well as

descriptions of the affected environment. The contractor shall describe the licensee's/applicant's proposed mitigation and monitoring strategies, if applicable, and discuss any additional mitigation and monitoring that may be necessary to ameliorate the impacts, as appropriate. Individuals knowledgeable in the subject area must be able to independently confirm the contractor's calculations.

The contractor may be required to perform an EJ analysis based on site-specific parameters. This EJ analysis shall be conducted consistent with the NRC's Policy Statement on Environmental Justice.

The contractor shall immediately notify the TPM with any potential "significant" impact findings which may preclude a finding of no significant impact.

The contractor shall incorporate the NRC's computer modeling and associated hydrological analyses for radiological contamination within the fence line, as appropriate. Coordination between NRC dose modeling and contractor modeling is necessary to avoid duplication of effort.

The contractor shall coordinate development of impacts from accident scenarios with the NRC TPM. Accident scenarios and their impacts will be developed by NRC staff in development of the NRC's SER and will be provided, as necessary, to the contractor for inclusion in the EA. The contractor shall incorporate other information and conclusions developed during the NRC SER process.

The contractor shall provide the NRC TPM with technical information as necessary to allow the NRC to carry out consultations under Section 7 of the Endangered Species Act and Section 106 of the National Historic Preservation Act.

The NRC TPM shall provide any necessary documentation regarding consultations under Section 7 of the Endangered Species Act and Section 106 of the National Historic Preservation Act.

This task shall be coordinated and completed concurrently with Subtask 2-E.

#### SUBTASK 2-D - INTERIM DRAFT EA RAIs

If the draft EA can not be generated completely, without additional information from the licensee (e.g., RAIs) the contractor shall provide a copy of the interim draft EA to the NRC TPM 30 business days after the site visit or receipt of the Acceptance Review RAI responses, whichever is later. The interim draft shall provide all of the information described in Subtasks 2-A through 2-C as it is available at the time noting RAIs or other information described under Task 1 or as identified to the TPM as work under progress in the SER.

The contractor shall immediately notify the TPM with any potential "significant" impact findings which may preclude a finding of no significant impact.

The contractor shall identify areas that require further information before the draft EA can be completed. The RAIs shall be documented in a brief letter report to the NRC stating what information is missing and the basis for requesting the information (i.e., the



potential impact on environmental review). Format of this letter report shall be similar to an RAI request as identified in Section 9.0 of this SOW. RAIs shall be submitted to the NRC, and shall be both clear and concise to elicit the additional information from the licensee.

#### SUBTASK 2-E - DRAFT EA

The contractor shall submit a draft EA for the TPM to review and provide to other agencies during consultations. This draft EA shall incorporate the information received under Subtask 2-C. This draft EA shall follow NUREG-1748, Chapter 3. Deviations from the outline shall be approved by the NRC TPM.

The contractor shall immediately notify the TPM with any potential "significant" impact findings which may preclude a finding of no significant impact.

Relevant information developed during the NRC SER process shall be summarized in the draft EA and incorporated by reference.

The draft EA shall be a formal submittal to the NRC TPM and shall be submitted no later than 20 business days after receipt of licensee responses to the INTERIM DRAFT EA RAIs (as provided in Subtask 2-D).

#### SUBTASK 2-F - DRAFT RESPONSES TO STATE COMMENTS

The contractor shall provide responses to the State and/or Public comments on the draft EA within 15 business days after receipt. This subtask may be extended for a large number of comments (e.g., 1 business day extension for every ten comments over forty with a maximum 30 day extension).

#### SUBTASK 2-G - FINAL EA

The contractor shall incorporate comments from the NRC TPM and input from remaining consultations into the draft EA to produce the Final EA in a formal submittal.

This Final EA shall be submitted no later than 10 business days after receipt of the NRC TPM's comments and/or final consultation input (e.g., state consultation).

#### FUTURE RELATED WORK

The following related tasks may be required at a later date. Because insufficient detail about these tasks are available at this time, the addition of any or all of these tasks will be accomplished at a later date through a formal modification to the task order.

#### 4.3 SUPPORT FOR LICENSING PROCEEDING AND LITIGATION FOR TASK 2

In the event of legal challenge to the evaluations made under NEPA, the contractor shall assist in the hearing as requested. The contractor could be requested to provide information for answers to interrogatories and to provide experts to prepare written testimony and present oral testimony as needed or deemed advisable and as

requested by NRC.

No deliverables have been established for Task 3 at this time.

#### **4.4 SAFETY REVIEW - PROVIDE TECHNICAL SUPPORT FOR GROUNDWATER MODELING/REVIEW**

The contractor may be requested to provide technical support to the NRC's ongoing safety review. This technical support is anticipated to include reviewing NRC groundwater analysis/modeling and/or providing general assistance in the groundwater review.

No deliverables have been established for Task 4 at this time.

#### **4.5 SAFETY REVIEW - PROVIDE TECHNICAL SUPPORT FOR DOSE ASSESSMENT MODELING/REVIEW**

The contractor may be requested to provide technical support to the NRC's ongoing safety review. This technical support is anticipated to include reviewing NRC dose modeling and/or providing general assistance in the review of DCGLs.

No deliverables have been established for Task 5 at this time.

#### **4.6 SAFETY REVIEW - PROVIDE TECHNICAL SUPPORT FOR BURIAL PIT CHARACTERIZATION**

The contractor may be requested to provide technical support to the NRC's ongoing safety review. This technical support is anticipated to include reviewing burial pit characterization data.

No deliverables have been established for Task 6 at this time.

### **5.0 PROJECT MANAGEMENT**

#### **Maintain Effective Communication with NRC Staff**

The contractor shall maintain effective communication with NRC staff to help coordinate and integrate EA preparation and associated analyses with NRC's technical and decision-making activities. For the duration of Tasks 1 and 2, the contractor shall participate in a bi-weekly (i.e., once every two weeks) telephone call with the NRC's TPM to discuss the progress to date. The contractor's Team Leader and NRC TPM shall participate in quarterly progress meetings either in Rockville or at the contractor's place of business, as may be requested by the TPM. Results of the analyses shall be shared in a timely manner (e.g., during biweekly meetings) so as to allow the TPM to coordinate with NRC staff efforts.

### For All Communications

The contractor shall coordinate all necessary NRC communication (other than communications for the Project Officer) for Tasks 1 and 2, through the NRC's TPM or designee (as may be temporarily established via electronic or hard-copy written communication from the TPM or PO).

### NRC Comments

The contractor shall resolve NRC comments through the NRC TPM when making revisions to any deliverable under Tasks 1 and 2.

### Quality Assurance for the Project

The contractor shall implement and maintain quality assurance requirements for the project in accordance with Section 14.0 of this SOW.

## **6.0 ACCEPTANCE CRITERIA**

The contractor documents the preparation of the EA and maintains appropriate records. Records established and maintained through the existing CNWRA process shall include both calculations and necessary background documentation that adequately documents both analyses and conclusions made in support of the EA and, in particular, any summarizing statements in the EA or associated documents. An inventory list or copies of such records shall be provided upon request by the TPM.

The Scoping Meeting Summary Report, Draft EA, and Final EA shall provide sufficient detail for members of the public to understand the basis of the conclusions reached. The text of these documents shall be supported by appropriate tables and graphics. Each deliverable provided by the contractor shall include directly or be accompanied by enough technical detail so that the NRC may confirm the contractor's methodologies and calculations. The EA shall use both incorporation by reference and tiering as applicable from two site-specific EAs identified in Section 1.0 "Background."

## **7.0 LEVEL OF EFFORT**

The total level of effort including Optional Tasks is 1.4 FTE.

### **7.1 TASK1: COLLECT AND REVIEW INFORMATION WITH SUPPORTING ANALYSES**

The estimated level of effort for Task 1 is approximately 0.34 FTE over a six month period anticipated to start in May 2006.

### **7.2 TASK 2: PLAN, DRAFT, AND COMPLETE AN EA**

The estimated level of effort for Task 2 is approximately 0.52 FTE over an eight month period anticipated to start in July 2006.

## **8.0 MEETINGS AND TRAVEL**

Upon request, the contractor's Task Leader shall meet with the NRC PO and TPM at the NRC offices in Rockville, Maryland for a Task Planning Meeting and to discuss any RAIs. Alternatively, these meetings may be held by telephone/teleconference at the discretion of the TPM or at the contractor's office. The TPM may choose to periodically meet with the contractor in the contractor's offices to review progress and provide input to the project, as necessary. The contractor is expected to participate in at least one site visit. Meetings potentially requiring contractor travel are summarized below.

<u>Topic</u>	<u>Location</u>	<u>Trips</u>	<u>Days</u>	<u>Contractor Staff</u>
Task Planning Meeting	Rockville, MD	1	3	1
RAI Discussion	Rockville, MD	1	3	1
Site Visit/Public Meeting	Site Location	1	3	2

## **9.0 NRC FURNISHED MATERIAL**

The NRC TPM will provide the following materials to the contractor at the beginning of Task 1, unless otherwise specified:

- Licensee's/Applicant's Environmental Report and Decommissioning Plan
- ADAMS Accession #'s of related documents from the NRC docket file
- Licensee's/Applicant's Ecorisk Assessment Report (CERCLA document), as it may be made available
- Licensee's/Applicant's Remedial Investigation Report (CERCLA document), as it may be made available
- Copies of NRC EAs for the site (as described in Section 1.0 Background, one EA is currently public, the other draft EA will be made available to the contractor as soon as practicable)
- NRC preferred format for RAIs
- Information gained via consultations with other agencies, as it may be made available
- Appropriate NRC staff SER analyses and conclusions, as they are made available

The NRC TPM will continue to provide related documents from the docket file throughout the completion of Tasks 1 and 2.

## **10.0 CONTRACTOR ACQUIRED MATERIAL**

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

## **11.0 PERIOD OF PERFORMANCE**

The estimated period of performance (exclusive of optional tasks) is the date of award of this task order through March 30, 2007.

The deliverables and schedule for work conducted under Tasks 1 and 2 are summarized in Appendix A to this SOW. However, the schedule is expected to be driven by the NRC staff's

review schedule for the decommissioning plan, RAIs, and related documents, as well as the licensee's/applicant's additional licensing requests and licensing status.

#### **11.1 TASK1: COLLECT AND REVIEW INFORMATION WITH SUPPORTING ANALYSES**

Task 1 work shall be initiated upon notification from the NRC, currently estimated for May 2006.

#### **11.2 TASK 2: PLAN, DRAFT, AND COMPLETE AN EA**

Task 2 work shall be initiated concurrently with Task 1, (expected to begin May 2006) and shall be closed by letter from the NRC after submittal of the Final EA (timing indicated in the Appendix A schedule).

### **12.0 REPORTS**

Submittals for all Tasks shall be submitted via electronic mail with electronic attachments consistent with the word processor in use at the NRC (currently Word Perfect 10) or in portable document format (i.e., \*.pdf), appropriate. The contractor shall also provide one paper copy of Subtask 1-B, 2-E, and 2-G to the NRC PO and TPM. Reports on any assessment by the contractor shall be in letter report form.

### **13.0 TECHNICAL DIRECTION**

Matthew Blevins is the designated NRC TPM for this procurement. Edna Knox-Davin is the designated NRC PO. Technical instructions may be provided to the contractor during the duration of Tasks 1 and 2. Technical instructions shall not constitute new assignments of work or changes of such a nature as to justify an adjustment in cost or period of performance. Directions, if any, for changes in scope of work, cost, or period of performance will be issued by the NRC Contracting Officer.

### **14.0 STANDARD WORK PRACTICES**

For all draft and final reports under this agreement, the contractor shall assure that an independent review of numerical computations, mathematical equations and derivations is performed by qualified personnel other than the original author(s) of the reports and other than the person who performed the original calculation. If the contractor proposes to check less than 100 percent of all computations, mathematical equations, and derivations in the report(s) (such as may be the case when there is a large number of routine, repetitive calculations), the contractor must first obtain written approval from the NRC PO.

In addition, all reports, including those which do not contain numerical analyses must be reviewed by the contractor's management and approved with two signatures. One signature must be from the contractor's Task Leader, and one signature must be from a manager at a higher level than the contractor's Task Leader. Informal submittals/deliverables must be reviewed and forwarded from at least the Task Leader level.

When revisions for reports are issued, a section must be included in the revised report to document dates of, reasons for, and scope of all changes made since the issuance of the first contractor's approved report.

NRC has the option of appointing a Peer Group to review, comment, and recommend changes to the draft and final reports. The contractor may recommend candidates for the Peer Group for approval by the NRC TPM or PO.

In the occasion of dissent in the content of the final report, the dissenting party shall have the option of stating its viewpoints and findings. Such statements may appear in the report as decided by the NRC.

This section does not intend to create the development of a formal quality assurance program nor does it require formal quality assurance program documentation or review.

## **15.0 FINANCIAL AND TECHNICAL STATUS REPORTS**

The contractor shall submit periodic technical and financial reports in accordance with the basic contract. The estimated staff effort should be recorded at the subtask level. The work accomplished and the degree of completeness should also be tracked by subtask. The reports are due within 20 calendar days after the end of the report period (i.e., each four week period). The TPM shall receive one copy of the periodic status report, and the Project Officer shall receive one copy. See the contract for further distribution requirements.

**APPENDIX A  
SCHEDULE AND DELIVERABLES**

The schedule of deliverables for Tasks 1 and 2 are outlined below.

<b>TASK</b>	<b>DELIVERABLE</b>	<b>SCHEDULE</b>
1-B	Acceptance Review RAls	15 days after licensee revised submittal
1-C	Site Visit Trip Report	15 days after Site Visit
1-C	Public Meeting Summary Report	25 days after comment period closes
2-A	Draft Description of Proposed Action/Alternatives/Need	30 days after licensee submittal
2-D	Interim Draft EA and RAls	30 days after the latter of: licensee responds to acceptance review RAls or site visit
2-E	Prepare final Draft EA	20 days after licensee response to RAls in 2-D
2-F	Draft Responses to State/Public Comments	15 days after close of public comment period
2-G	Prepare Final EA	10 days after NRC's comments on 2-F