

ORDER FOR SUPPLIES OR SERVICES

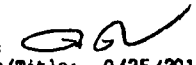
PAGE OF PAGES
1 6

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

BPA NO.

1. DATE OF ORDER 9/27/12		2. CONTRACT NO. (if any) NRC-HQ-12-C-02-0089		8. SHIP TO:	
3. ORDER NO. T002		4. REQUISITION/REFERENCE NO.		a. NAME OF CONSIGNEE U.S. Nuclear Regulatory Commission	
5. ISSUING OFFICE (Address correspondence to) U.S. Nuclear Regulatory Commission Div. of Contracts Attn: Valerie Whipple Mail Stop: TWB-01-B10M Washington, DC 20555				b. STREET ADDRESS Deborah DeMarco Mail Stop EBB/E2 C12	
7. TO:		c. CITY Washington		d. STATE DC	e. ZIP CODE 20555
a. NAME OF CONTRACTOR SOUTHWEST RESEARCH INSTITUTE S W R I		DUNS: 007936842		f. SHIP VIA	
b. COMPANY NAME		8. TYPE OF ORDER			
c. STREET ADDRESS 6220 COLEBRA RD		d. CITY SAN ANTONIO		e. STATE TX	f. ZIP CODE 782385166
9. ACCOUNTING AND APPROPRIATION DATA RFPA: NMS-12-078; FAIMIS: 123416 B&R: 12-55-35-7-183; Job Code: J5679; BOC: 252A Approp. No.: X2000; Obligation: \$350,000; DUNS: 007936842		10. REQUISITIONING OFFICE NMS			
11. BUSINESS CLASSIFICATION (Check appropriate boxes)					12. F.O.B. POINT N/A
<input type="checkbox"/> a. SMALL <input checked="" type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone					
<input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB					
13. PLACE OF		14. GOVERNMENT BAL. NO.		15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)	
a. INSPECTION		b. ACCEPTANCE		16. DISCOUNT TERMS	

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)
	The Contractor shall provide services in accordance with the attached Statement of Work, entitled: "Technical Assistance to Support Waste Confidence Update Environmental Impact Statement." Total CPAF Amount: \$527,553 Total Obligated Amount: \$350,000 Period of Performance: 10-16-2012 through 9-28-2013 NRC COR: Deborah DeMarco 301-492-3143 NRC Task Order COR: Christine Pineda 301-492-3154 DUNS: 007936842 NAICS: 562211 PSC: R499 ACCEPTED: Signature:  Print Name/Title: 9/25/2012 R.B. Kalmbach Executive Director, Contracts					

SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		17(h) TOTAL (Cont. pgs) 17(i) GRAND TOTAL
	21. MAIL INVOICE TO:						
	a. NAME Department of Interior / NBC NRCPayments NBCDenver@NBC.gov			PHONE: FAX:			
	b. STREET ADDRESS (or P.O. Box) Attn: Fiscal Services Branch - D2770 7301 W. Mansfield Avenue			c. CITY Denver			
			d. STATE CO	e. ZIP CODE 80235-2230		\$527,553	

22. UNITED STATES OF AMERICA BY (Signature) 	23. NAME (Typed) Valerie Whipple Contracting Officer, MSA TITLE: CONTRACTING/ORDERING OFFICER
--	--

AUTHORIZED FOR LOCAL REPRODUCTION BY PREVIOUS EDITION NOT USABLE OPTIONAL FORM 347 (REV. 2/2012) PRESCRIBED BY GSAR PAR 4.6 CFR 53.213(i)

TEMPLATE - ADM001

SUNSI REVIEW COMPLETE

ADM002

OCT 09 2012

Table of Contents

DELIVERY ORDER TERMS AND CONDITIONS NOT SPECIFIED IN THE CONTRACT	A-1
A.1 BRIEF PROJECT TITLE AND WORK DESCRIPTION (AUG 2011)	A-1
A.2 CONSIDERATION AND OBLIGATION--COST-PLUS-AWARD-FEE (AUG 2011).....	A-1
A.3 PACKAGING AND MARKING (AUG 2011)	A-1
A.4 PLACE OF DELIVERY--REPORTS (AUG 2011).....	A-1
A.5 TASK/DELIVERY ORDER PERIOD OF PERFORMANCE (AUG 2011).....	A-2
A.6 2052.215-70 KEY PERSONNEL (JAN 1993)	A-2
A.7 2052.215-71 PROJECT OFFICER AUTHORITY (NOVEMBER 2006)	A-2
A.8 2052.215-78 TRAVEL APPROVALS AND REIMBURSEMENT -ALTERNATE 1 (OCT 1999)	A-4
A.9 ELECTRONIC PAYMENT (AUG 2011)	A-4
A.10 WHISTLEBLOWER PROTECTION FOR NRC CONTRACTOR AND SUBCONTRACTOR EMPLOYEES (AUG 2011).....	A-5
A.11 GREEN PURCHASING (JUN 2011).....	A-5
A.12 USE OF AUTOMATED CLEARING HOUSE (ACH) ELECTRONIC PAYMENT/REMITTANCE ADDRESS (AUG 2011).....	A-5
A.13 LICENSE FEE RECOVERY COSTS (AUG 2011).....	A-6
STATEMENT OF WORK.....	Attachment 1

DELIVERY ORDER TERMS AND CONDITIONS NOT SPECIFIED IN THE CONTRACT

A.1 BRIEF PROJECT TITLE AND WORK DESCRIPTION (AUG 2011)

(a) The title of this project is: Technical Assistance to Support Waste Confidence Update Environmental Impact Statement

(b) Summary work description:

The general objective of this task order is to work with NRC staff in preparing for the eventual preparation of an EIS to address the post-licensed life storage and transportation of spent nuclear fuel. The CNWRA staff should develop an appropriate understanding of the NEPA-related issues associated with this waste confidence update and, where applicable, prepare documentation that will facilitate the development of an EIS.

A.2 CONSIDERATION AND OBLIGATION--COST-PLUS-AWARD-FEE (AUG 2011)

(a) The total estimated cost to the Government for full performance of this task order is **\$527,553**, of which the sum of \$_____ represents the estimated reimbursable costs, and of which \$_____ represents the base fee.

(b) An award fee pool of \$_____ is hereby established for this task order. Evaluation of award fee earned will be accomplished in accordance with the attached Award Fee Plan (AFP) attached as Attachment 8 to the Contract. The Government reserves the right to unilaterally change the content of the AFP at any time during the life of this contract. Any changes to the plan will be furnished to the Contractor prior to the date they become effective. The amount of award fee available for each period of evaluation and the amount of time for each period will be set forth in the AFP. The final evaluation and determination as to the amount of award fee earned during an evaluation period shall be made unilaterally by the Fee Determination Official (FDO). The Contractor shall be advised of the award fee decision by letter which shall include the rationale for reaching the decision.

(c) The amount obligated by the Government with respect to this task order is **\$350,000**.

(d) This is a fully-funded contract and FAR 52.232-20 - "Limitation of Cost" applies.

A.3 PACKAGING AND MARKING (AUG 2011)

(a) The Contractor shall package material for shipment to the NRC in such a manner that will ensure acceptance by common carrier and safe delivery at destination. Containers and closures shall comply with the Surface Transportation Board, Uniform Freight Classification Rules, or regulations of other carriers as applicable to the mode of transportation.

(b) On the front of the package, the Contractor shall clearly identify the contract number under which the product is being provided.

(c) Additional packaging and/or marking requirements are as follows: N/A

A.4 PLACE OF DELIVERY--REPORTS (AUG 2011)

The items to be furnished electronically to:

Deborah.DeMarco@nrc.gov

Christine.Pineda@nrc.gov

Valerie.whipple@nrc.gov

A.5 TASK/DELIVERY ORDER PERIOD OF PERFORMANCE (AUG 2011)

This order shall commence on October 16, 2012 and will expire on September 28, 2013.

A.6 2052.215-70 KEY PERSONNEL (JAN 1993)

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

Dr. Yi-Ming Pan
Mr. Robert Pauline

Project Manager
Principal Investigator

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 contract 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 contract or the service order, the contract 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 contract price or fixed fee may be equitably adjusted downward to compensate the Government for any resultant delay, loss, or damage.

A.7 A.8 2052.215-71 CONTRACTING OFFICER'S REPRESENTATIVE AUTHORITY (NOVEMBER 2006)

(a) The contracting officer's authorized representative (hereinafter referred to as the COR) for this contract is:

Name: Deborah DeMarco

Address: Mail Stop EBB/E2 C12
Washington, DC 20555

Telephone Number: 301-492-3143

(b) Performance of the work under this contract is subject to the technical direction of the NRC COR. The term "technical direction" is defined to include the following:

(1) Technical direction to the contractor which shifts work emphasis between areas of work or tasks, authorizes travel which was unanticipated in the Schedule (i.e., travel not contemplated in the Statement of Work (SOW) or

NRC-HQ-12-C-02-0089, TASK ORDER 2

changes to specific travel identified in the SOW), fills in details, or otherwise serves to accomplish the contractual SOW.

(2) Provide advice and guidance to the contractor in the preparation of drawings, specifications, or technical portions of the work description.

(3) Review and, where required by the contract, approval of technical reports, drawings, specifications, and technical information to be delivered by the contractor to the Government under the contract.

(c) Technical direction must be within the general statement of work stated in the contract. The COR does not have the authority to and may not issue any technical direction which:

(1) Constitutes an assignment of work outside the general scope of the contract.

(2) Constitutes a change as defined in the "Changes" clause of this contract.

(3) In any way causes an increase or decrease in the total estimated contract cost, the fixed fee, if any, or the time required for contract performance.

(4) Changes any of the expressed terms, conditions, or specifications of the contract.

(5) Terminates the contract, settles any claim or dispute arising under the contract, or issues any unilateral directive whatever.

(d) All technical directions must be issued in writing by the COR or must be confirmed by the COR in writing within ten (10) working days after verbal issuance. A copy of the written direction must be furnished to the contracting officer. A copy of NRC Form 445, Request for Approval of Official Foreign Travel, which has received final approval from the NRC must be furnished to the contracting officer.

(e) The contractor shall proceed promptly with the performance of technical directions duly issued by the COR in the manner prescribed by this clause and within the COR's authority under the provisions of this clause.

(f) If, in the opinion of the contractor, any instruction or direction issued by the COR is within one of the categories as defined in paragraph (c) of this section, the contractor may not proceed but shall notify the contracting officer in writing within five (5) working days after the receipt of any instruction or direction and shall request the contracting officer to modify the contract accordingly. Upon receiving the notification from the contractor, the contracting officer shall issue an appropriate contract modification or advise the contractor in writing that, in the contracting officer's opinion, the technical direction is within the scope of this article and does not constitute a change under the "Changes" clause.

(g) Any unauthorized commitment or direction issued by the COR may result in an unnecessary delay in the contractor's performance and may even result in the contractor expending funds for unallowable costs under the contract.

(h) A failure of the parties to agree upon the nature of the instruction or direction or upon the contract action to be taken with respect thereto is subject to 52.233-1 -Disputes.

(i) In addition to providing technical direction as defined in paragraph (b) of the section, the COR shall:

(1) Monitor the contractor's technical progress, including surveillance and assessment of performance, and recommend to the contracting officer changes in requirements.

(2) Assist the contractor in the resolution of technical problems encountered during performance.

NRC-HQ-12-C-02-0089, TASK ORDER 2

(3) Review all costs requested for reimbursement by the contractor and submit to the contracting officer recommendations for approval, disapproval, or suspension of payment for supplies and services required under this contract.

(4) Assist the contractor in obtaining the badges for the contractor personnel.

(5) Immediately notify the Security Branch, Division of Facilities and Security (SB/DFS) (via e-mail) when a contractor employee no longer requires access authorization and return of any NRC issued badge to SB/DFS within three days after their termination.

(6) Ensure that all contractor employees that require access to classified Restricted Data or National Security Information or matter, access to sensitive unclassified information (Safeguards, Official Use Only, and Proprietary information) access to sensitive IT systems or data, unescorted access to NRC controlled buildings/space, or unescorted access to protected and vital areas of nuclear power plants receive approval of SB/DFS prior to access in accordance with Management Directive and Handbook 12.3.

(7) For contracts for the design, development, maintenance or operation of Privacy Act Systems of Records, obtain from the contractor as part of closeout procedures, written certification that the contractor has returned to NRC, transferred to the successor contractor, or destroyed at the end of the contract in accordance with instructions provided by the NRC Systems Manager for Privacy Act Systems of Records, all records (electronic or paper) which were created, compiled, obtained or maintained under the contract.

A.8 2052.215-78 TRAVEL APPROVALS AND REIMBURSEMENT -ALTERNATE 1 (OCT 1999)

(a) Total expenditure for travel may not exceed **\$11,628** without the prior approval of the contracting officer.

(b) All foreign travel must be approved in advance by the NRC on NRC Form 445, Request for Approval of Official Foreign Travel, and must be in compliance with FAR 52.247-63 Preference for U.S. Flag Air Carriers. The contractor shall submit NRC Form 445 to the NRC no later than 30 days prior to the commencement of travel.

(c) The contractor will be reimbursed only for those travel costs incurred that are directly related to this contract and which are allowable subject to the limitations prescribed in FAR 31.205-46.

(d) It is the responsibility of the contractor to notify the contracting officer in accordance with the FAR Limitations of Cost clause of this contract when, at any time, the contractor learns that travel expenses will cause the contractor to exceed the travel ceiling amount identified in paragraph (a) of this clause.

(e) Reasonable travel costs for research and related activities performed at State and nonprofit institutions, in accordance with Section 12 of Pub. L. 100-679, shall be charged in accordance with the contractor's institutional policy to the degree that the limitations of Office of Management and Budget (OMB) guidance are not exceeded. Applicable guidance documents include OMB Circular A-87, Cost Principles for State and Local Governments; OMB Circular A-122, Cost Principles for Nonprofit Organizations; and OMB Circular A-21, Cost Principles for Educational Institutions.

A.9 ELECTRONIC PAYMENT (AUG 2011)

The Debt Collection Improvement Act of 1996 requires that all payments except IRS tax refunds be made by Electronic Funds Transfer. Payment shall be made in accordance with FAR 52.232-33, entitled "Payment by Electronic Funds- Central Contractor Registration".

To receive payment, the contractor shall prepare invoices in accordance with NRC's Billing Instructions. Claims shall be submitted on the payee's letterhead, invoice, or on the Government's Standard Form 1034, "Public Voucher for Purchases and Services Other than Personal," and Standard Form 1035, "Public Voucher for Purchases Other

NRC-HQ-12-C-02-0089, TASK ORDER 2

than Personal - Continuation Sheet." The preferred method of submitting invoices is electronically to the Department of the Interior at NRCPayments_NBCDenver@nbc.gov. If the contractor submits a hard copy of the invoice, it shall be submitted to the following address:

Department of the Interior
National Business Center
Attn: Fiscal Services Branch - D2770
7301 West Mansfield Avenue
Denver, CO 80235-2230

A.10 WHISTLEBLOWER PROTECTION FOR NRC CONTRACTOR AND SUBCONTRACTOR EMPLOYEES (AUG 2011)

(a) The U.S. Nuclear Regulatory Commission (NRC) contractor and its subcontractor are subject to the Whistleblower Employee Protection public law provisions as codified at 42 U.S.C. 5851. NRC contractor(s) and subcontractor(s) shall comply with the requirements of this Whistleblower Employee Protection law, and the implementing regulations of the NRC and the Department of Labor (DOL). See, for example, DOL Procedures on Handling Complaints at 29 C.F.R. Part 24 concerning the employer obligations, prohibited acts, DOL procedures and the requirement for prominent posting of notice of Employee Rights at Appendix A to Part 24 entitled: "Your Rights Under the Energy Reorganization Act".

(b) Under this Whistleblower Employee Protection law, as implemented by regulations, NRC contractor and subcontractor employees are protected from discharge, reprisal, threats, intimidation, coercion, blacklisting or other employment discrimination practices with respect to compensation, terms, conditions or privileges of their employment because the contractor or subcontractor employee(s) has provided notice to the employer, refused to engage in unlawful practices, assisted in proceedings or testified on activities concerning alleged violations of the Atomic Energy Act of 1954 (as amended) and the Energy Reorganization Act of 1974 (as amended).

(c) The contractor shall insert this or the substance of this clause in any subcontracts involving work performed under this contract.

A.11 GREEN PURCHASING (JUN 2011)

(a) In furtherance of the sustainable acquisition goals of Executive Order 13514, "Federal Leadership in Environmental, Energy, and Economic Performance" products and services provided under this contract/order shall be energy- efficient (Energy Star or Federal Energy Management Program (FEMP) designated), water-efficient, biobased, environmentally preferable (e.g., Electronic Product Environmental Assessment Tool (EPEAT) certified), non-ozone depleting, contain recycled content, or are non-toxic or less toxic alternatives, where such products and services meet agency performance requirements. <http://www.fedcenter.gov/programs/eo13514/>

(b) The contractor shall flow down this clause into all subcontracts and other agreements that relate to performance of this contract/order.

A.12 USE OF AUTOMATED CLEARING HOUSE (ACH) ELECTRONIC PAYMENT/REMITTANCE ADDRESS (AUG 2011)

The Debt Collection Improvement Act of 1996 requires that all Federal payments except IRS tax refunds be made by Electronic Funds Transfer. It is the policy of the Nuclear Regulatory Commission to pay government vendors by the Automated Clearing House (ACH) electronic funds transfer payment system. Item 15C of the Standard Form 33 may be disregarded.

CONTRACT TITLE: Operation of the Center for Nuclear Waste Analyses as the NRC's Federally Funded Research and Development Center (FFRDC) – Fifth Renewal

TASK TITLE: Technical Assistance to Support Waste Confidence Update Environmental Impact Statement

TASK ORDER NUMBER: 002
JOB CODE: J5679
B&R NUMBER: 2011-55-35-4-195
ISSUING OFFICE: NMSS
NRC CONTRACTING OFFICER'S REPRESENTATIVE (COR): Deborah DeMarco (301) 492-3143
NRC TASK ORDER CONTRACTING OFFICER'S REPRESENTATIVE (TO COR): Christine Pineda (301) 492-3154
FEE RECOVERABLE: Yes
TAC NUMBER: TAC LA0463
DOCKET NUMBER: n/a

1.0 BACKGROUND

The NRC staff is preparing to develop an update of the waste confidence decision and rule to address potential impacts of spent fuel storage for a defined period beyond the licensed life of a reactor. The draft decision and proposed rule will be accompanied by a draft EIS that will evaluate the impacts associated with extended storage and eventual transportation of spent nuclear fuel.

Previously, the NRC planned to assess the impacts of storage and subsequent transportation for an approximate 200 year period beginning in the middle of the century (approximately 2050). This update would have "picked up" where the 2010 waste confidence update "ended" (i.e., 60 years beyond the licensed life of a reactor). However, on June 8, 2012, the U.S. Court of Appeals for the District of Columbia Circuit struck down Findings 2 and 4 of the 2010 decision and the rule. If the Commission proceeds with developing a revised waste confidence rule, the planned waste confidence update EIS will likely have a temporal scope that is different from the 200 years originally planned. Because of the uncertainties with regard to the NRC's path forward as a result of the court ruling, the NRC will provide a more specific work scope for FY 2013 in a future revision of this statement of work.

2.0 OBJECTIVE

The general objective is to work with NRC staff in preparing for the eventual preparation of an EIS to address the post-licensed life storage and transportation of spent nuclear fuel. The CNWRA staff should, through the activities described in Section 4, develop an appropriate understanding of the NEPA-related issues associated with this waste confidence update and, where applicable, prepare documentation that will facilitate the development of an EIS. The CNWRA staff involved in this activity should be coordinating with CNWRA staff involved in activities under Job Code J5661 (identification and analysis of key regulatory and technical issues for disposal of spent nuclear fuel and high-level waste).

[REDACTED]

All of the work for this task should be carried out in close coordination with NRC staff involved in this effort, as appropriate. This work may also require coordination with staff involved in other activities, such as extended storage, reprocessing, and disposal.

3.0 STAFFING

The NRC reserves the right to approve the Project Manager and the individual technical staff assigned to each task from the necessary technical disciplines. Project management staff should be thoroughly familiar with the requirements of NEPA, NRC's regulations in 10 CFR Part 51, and NRC practice in developing NEPA documents for NMSS regulatory actions, as outlined in NRC NUREG-1748. The project management staff should also have considerable experience in the technical and regulatory aspects associated with evaluating the environmental impacts of the storage and transportation of spent nuclear fuel. Project management staff should also be well-versed in the practicalities of writing and producing an EIS.

Technical staff who participate in FY 2013 activities must be sufficiently qualified and knowledgeable in the technical areas that will be addressed in FY 2013 activities (e.g., technical and environmental issues associated with spent nuclear fuel storage and transportation).

4.0 SCOPE OF WORK AND DELIVERABLES

The following general activities and deliverables will be included in the CNWRA work scope for FY 2013. Detail for these descriptions will be provided when more information is available (when the Commission has determined what path the NRC will take with regard to waste confidence).

Task deliverables shall be submitted via electronic mail with electronic attachments consistent with the word processor in use at the NRC or in portable document format (*i.e.*, *.pdf), as appropriate. This includes the use of SharePoint to post deliverables that would be submitted via a transmittal letter. The contractor shall also provide one paper copy of each deliverable to the NRC COR, TO COR for Job Code J5679, TO COR, and the relevant NRC principle investigators.

Task 1 (FTE TBD): Outreach activities and public meetings.

- Continue supporting NRC outreach activities and developing outreach materials, the specifics of which are to be determined.
- Assist in developing responses to public comments on draft documents, if needed.
- Continue work on developing a comment-response process to be used for developing the final EIS.
- Continue to develop stakeholder list for both distribution and analysis purposes
- If needed, prepare for and support public meetings.

Task 1 deliverables TBD

Task 2 (FTE TBD): EIS scope and process development

- Continue ongoing information-gathering (site characteristics; web-based mapping application)
- EIS Assumptions and scope: refine and finish documenting assumptions and scope for EIS
- Generic sites methodology for EIS: finish developing and implement the methodology to identify individual generic composite sites for the EIS scenarios based on an evaluation of key characteristics from operating and decommissioned reactor sites, offsite ISFSIs, and other storage sites.

- ~~CONFIDENTIAL~~
- List of potential impacts associated with key activities: finish developing document that identifies the potential impacts associated with key waste confidence activities.

Task 2 deliverables TBD.

Task 3 (FTE TBD): Continue refining systems tool to incorporate considerations for impacts to be assessed in EIS and related EST considerations, working and integrating with the systems staff. This work should be coordinated with systems-level analytical work being completed under J5662 to identify high-level risk and performance insights that may be related to safety (J5662) and/or environmental impacts (for this job code). Specific activities would be identified in close coordination with NRC staff.

Task 3 deliverables TBD.

5.0 PROJECT MANAGEMENT

The CNWRA staff should maintain effective communication with NRC staff via email, telephone, videoconferencing, and face-to-face meetings, as needed. The CNWRA staff should plan to use SharePoint software to facilitate the development of reports and other documentation that may be needed. To ensure effective coordination with NRC staff, the major focus of the CNWRA project manager will be to coordinate CNWRA activities with the NRC project manager and to ensure CNWRA technical staff remain properly focused.

The CNWRA should work with the NRC project manager to ensure that deliverables are developed within the constraints of an appropriate quality assurance program. Quality assurance comprises all those planned and systematic actions necessary to provide adequate confidence that the assessments have been satisfactorily performed. Quality assurance includes verification for completeness, accuracy, consistency, and sufficient documentation to assure the reproducibility of the results of all calculations, laboratory experiments, or modeling, if applicable.

6.0 ACCEPTANCE CRITERIA

CNWRA should document the preparation of any reports and maintain appropriate records. An inventory list or copies of such records shall be provided upon request by the NRC TPM. Each deliverable should include directly or be accompanied by enough technical detail so that the NRC may confirm the contractor's methodologies and calculations.

7.0 LEVEL OF EFFORT

The level of effort is 3,208 hours.

8.0 MEETINGS AND TRAVEL

It is possible that some travel will be needed during FY 2013 to discuss CNWRA work progress, though the NRC staff anticipates that most meetings could be held via VTC or teleconference. In addition, depending on the public scoping process schedule, travel may be required for several scoping meetings in various regions of the United States.



9.0 NRC FURNISHED MATERIAL

As needed, NRC staff will provide information to CNWRA staff to assist in the CNWRA staff's activities that support this program.

10.0 CONTRACTOR ACQUIRED MATERIAL

No contractor acquired material is anticipated.

11.0 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, if applicable. The work accomplished and the degree of completeness should also be tracked by subtask. The TPM shall receive one copy of the periodic status report, and the PO shall receive one copy. See the contract for further distribution requirements.

12.0 TECHNICAL/PROJECT DIRECTION

Christine Pineda is the designated NRC TO COR for this effort. Deborah DeMarco is the designated NRC COR. Technical instructions may be provided to the Center during the period of performance of this Task Order. 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.



**APPENDIX A
SCHEDULE AND DELIVERABLES**

The schedule of deliverables will be included a future revision of this statement of work.

TASK	DELIVERABLE	SCHEDULE
1	TBD	TBD
2	TBD	TBD
3	TBD	TBD