

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT BPA NO. 1. CONTRACT ID CODE PAGE 1 OF 2

2. AMENDMENT/MODIFICATION NO. M002	3. EFFECTIVE DATE See Blk 16c below	4. REQUISITION/PURCHASE REQ. NO. NMS-13-003	5. PROJECT NO. (if applicable)
6. ISSUED BY U.S. Nuclear Regulatory Commission Div. of Contracts Attn: Valerie Whipple Mail Stop: TWB-01-B10M Washington, DC 20555	CODE 3100	7. ADMINISTERED BY (if other than Item 6) U.S. Nuclear Regulatory Commission Div. of Contracts Mail Stop: TWB-01-B10M Washington, DC 20555	CODE 3100

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) SOUTHWEST RESEARCH INSTITUTE 6220 CULEBRA RD SAN ANTONIO TX 782385166	CODE	FACILITY CODE	<input checked="" type="checkbox"/> 9A. AMENDMENT OF SOLICITATION NO.
			<input type="checkbox"/> 9B. DATED (SEE ITEM 11)
			10A. MODIFICATION OF CONTRACT/ORDER NO. NRC-HQ-12-C-02-0089 NRCT002
			<input type="checkbox"/> 10B. DATED (SEE ITEM 13) 09-27-2012

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required) RFA: NMS-13-003; FAIMIS: N/A
B&R: 13-50-337-183; JC: J3679; BOC: 252A
Approp. No.: X0200; NO FUNDING AT THIS TIME

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

<input checked="" type="checkbox"/>	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
<input type="checkbox"/>	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
<input checked="" type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Mutual Agreement of Both Parties
<input type="checkbox"/>	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)
See Page 2.

See revised Statement of Work for increased level of effort.

Task Order Funding: \$1,048,300 (UNCHANGED)
Task Order Ceiling: \$5,194,132 (INCREASED)

Period of Performance: October 11, 2012 - September 28, 2014 (CHANGED)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remain unchanged and in full force and effect.

16A. NAME AND TITLE OF SIGNER (Type or print) R. B. Kalmbach Executive Director, Contracts	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie Whipple Contracting Officer, MSA
16B. CONTRACTOR/OFFICER <i>[Signature]</i> (Signature of person authorized to sign)	16B. UNITED STATES OF AMERICA BY <i>[Signature]</i> (Signature of Contracting Officer)
16C. DATE SIGNED 01/18/2013	16C. DATE SIGNED 1/24/13

NSN 7540-01-182-8070
PREVIOUS EDITION NOT USABLE

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA - FAR (48 CFR) 53.243

SUNSI REVIEW COMPLETE

JAN 29 2013

ADM002

TEMPLATE - ADM001

The purpose of this modification is to (1) revise the Statement of Work as a result of Commission direction regarding Waste Confidence, (2) increase the level of effort from 3,208 hours to 19,000 hours, (3) to increase the task order ceiling, (4) to revise and extend the period of performance, and (5) to designate Christine Pineda as the TO COR and Chris Jacobs as the alternate TO COR.

Therefore, the following sections are revised.

1. Section A.2 CONSIDERATION AND OBLIGATION—COST-PLUS-AWARD-FEE (AUG 2011) is deleted in its entirety and replaced with the following:

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 **\$5,194,132**, 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 **\$1,048,300**.

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

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

The items to be furnished electronically to:

Deborah.DeMarco@nrc.gov
Christine.Pineda@nrc.gov
chrisitan.jacobs@nrc.gov
Valerie.whipple@nrc.gov

3. Section A.5 TASK/DELIVERY ORDER PERIOD OF PERFORMANCE (AUG 2011) is deleted in its entirety and replaced with the following:

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

This order shall commence on October 11, 2012 and will expire on September 28, 2014.

4. Section A.7, 2052.215-71 CONTRACTING OFFICER'S REPRESENTATIVE AUTHORITY (NOVEMBER 2006), paragraph (a) is deleted in its entirety and replaced with the following:

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

TO COR: Christine Pineda
Mail Stop EBB/E2 B2
Washington, DC 20555
301-492-3154

Alternate COR: Christian Jacobs
Mail Stop EBB/E2 B2
Washington, DC 20555
301-492-3265

5. Section A.8, 2052.215-78 TRAVEL APPROVALS AND REIMBURSEMENT -ALTERNATE 1 (OCT 1999), paragraph (a) is deleted in its entirety and replaced with the following:

(a) Total expenditure for travel may not exceed **\$63,769** without the prior approval of the contracting officer.

6. The original Statement of Work is deleted in its entirety and replace with the revised, attached Statement of Work dated October 15, 2012.

**STATEMENT OF WORK
OCTOBER 15, 2012**

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: 13-50-33-7-183
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 LA0490 (Task 2) and LA0491 (Task 1)
DOCKET NUMBER: n/a

1.0 BACKGROUND

On June 8, 2012, the U.S. Court of Appeals for the District of Columbia Circuit (Court) struck down Findings 2 and 4 of the 2010 Waste Confidence Decision and Rule. On September 6, 2012, the Commission issued a Staff Requirements Memorandum (SRM- COMSECY-12-0016, "Staff Requirements – COMSECY-12-0016 – Approach for Addressing Policy Issues Resulting from Court Decision to Vacate Waste Confidence Decision and Rule") directing the NRC staff to complete the EIS, Decision, and Rule within two years. In response to the SRM, the NRC staff will develop an update of the Waste Confidence Decision and Rule, supported by an EIS, to address potential impacts of spent fuel storage for a defined period beyond the licensed life of a reactor.

In order to complete the EIS, Decision, and Rule within two years, the NRC has established a dedicated organization entitled the Waste Confidence Directorate (Directorate), composed of two branches. One branch will focus on communications and the rulemaking process and the other branch will focus on the development of the EIS, as well as the text of the Waste Confidence Decision.

2.0 OBJECTIVE

The general objective of this statement of work (SOW) is to assist NRC staff in preparing an EIS to address the post-licensed life storage and transportation of spent nuclear fuel, consistent with the 2010 Waste Confidence update and addressing the Court-identified issues. 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 a generic-level EIS.

All of the work for this task should be carried out in close coordination with NRC staff involved in

this effort. 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 2010 Waste Confidence Decision, 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 to support a rulemaking (i.e., one of a generic nature).

Technical staff who participate in FY 2013 and FY 2014 activities must be sufficiently qualified and knowledgeable in the technical areas that will be addressed in the EIS developed in support of the Waste Confidence Decision and Rule (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 and FY 2014. Most task deliverables are likely to be inputs to the EIS analyses or discussion and shall be submitted via a transmittal letter that points to a specific version of a document or documents on the CNWRA's SharePoint site. In certain situations, some deliverables may need to 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. 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 (3 FTE over the two-year period of performance): Outreach and communication activities. Throughout the development of the draft EIS and the final EIS, CNWRA staff should support the NRC in developing communication strategies, coordinating or providing logistical support for outreach events such as public meetings, and developing informational materials (such as handouts) for public consumption. Some specific tasks are listed below.

- Support the NRC in coordinating and carrying out public meetings and webinars for the public scoping period and for the draft EIS comment period. This includes supporting dry runs and pre-meeting outreach to local communities, where applicable. Also, support NRC in post-meeting activities, such as developing meeting summaries, assist as needed in reviewing and identifying comments contained in transcripts, and assist as needed in developing responses to any questions from the meetings that require follow-up.
- Assist NRC in developing a scoping summary report that captures the comments submitted during the scoping process for the EIS and also captures the comments that NRC received on its December, 2011 report titled "Background and Preliminary Assumptions for an Environmental Impact Statement—Long-Term Waste Confidence Update."
- Assist NRC in identifying an appropriate comment-response process.
- Continue to maintain the stakeholder list for both distribution and analysis purposes.

- Provide input as needed to NRC communications documents, such as the communication plan and lists of Qs&As.

The deliverables for this task should include the items listed below, the specifics of which can be determined at a later date. Other deliverables may be identified in the future that could be added to the items in the list below.

- A small number of handouts to be used to facilitate communication about the EIS scope to the public during the scoping period and during the period for comment on the draft EIS. These handouts would also be posted on the public Waste Confidence web page.
- End of FY2013 letter report describing the activities supporting this task that were completed in FY 2013. In addition to describing the activities undertaken to support this task, the report should indicate whether the activities were completed on schedule and provide an explanation for any delays.
- End of FY 2014 report describing activities supporting this task that were completed in FY 2014. In addition to describing the activities undertaken to support this task, the report should indicate whether the activities were completed on schedule and provide an explanation for any delays.

Task 2 (7 FTE over the two-year period of performance): EIS development support. CNWRA staff should support the NRC in collaboratively developing the Waste Confidence EIS, using the CNWRA's SharePoint site as the primary platform for developing the EIS sections. This will include the activities listed below and may include other activities yet to be identified.

- Working closely with NRC staff and in accordance with NRC's schedule for completing the various elements of the EIS, conduct analyses for assigned topics and develop appropriate text for sections of the EIS. NRC and CNWRA staff will work together to determine how best to assign staff to certain topics or sections of the EIS.
- Support NRC staff in developing a table of contents for the draft EIS, as well as the methodology to generically analyze the impacts of extended storage and associated transportation. This may involve the use of documents previously developed by the CNWRA (e.g., documents developed in FY 2012), to the extent such documents are relevant for this EIS scope.
- Develop and maintain a references database (folder on the NRC-CNWRA shared drive) and the corresponding list (on CNWRA SharePoint site).

The deliverables for this task should include the items listed below. Other deliverables may be identified in the future that could be added to the items in the list below.

- Mid-year and end of FY 2013 letter reports (i.e., two reports in FY 2013) describing activities supporting this task that were completed in the relevant six-month period. In addition to describing the activities undertaken to support this task, the report should indicate whether the activities were completed on schedule and provide an explanation for any delays.
- Mid-year and end of FY 2014 letter reports (i.e., two reports in FY 2014) describing activities supporting this task that were completed in the relevant six-month period. In addition to

describing the activities undertaken to support this task, the report should indicate whether the activities were completed on schedule and provide an explanation for any delays.

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 for the period of performance of two years is estimated at 10 FTE or about 19,000 hours.

8.0 MEETINGS AND TRAVEL

Some travel will be needed during the two-year period of performance, most significantly for supporting public meetings for the EIS scoping period (likely one meeting in Rockville) and the comment period for the draft EIS (several meetings throughout the U.S.). NRC assumes that a facilitator and one to three additional CNWRA staff would travel to support these meetings, depending on the specific topics to be addressed in the meetings. It is possible that some additional travel will be needed to discuss CNWRA work progress, though the NRC staff anticipates that most meetings could be held via VTC or teleconference.

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 OF DELIVERABLES**

TASK	DELIVERABLE	SCHEDULE
1	A small number of handouts to be used to facilitate communication about the EIS scope to the public during the scoping period and during the period for comment on the draft EIS.	TBD
	End of FY2013 letter report describing activities supporting this task that were completed in FY 2013.	September 30, 2013
	End of FY 2014 report describing activities supporting this task that were completed in FY 2014.	September 30, 2014
2	Mid-year of FY 2013 letter report describing activities supporting this task that were completed in the previous six-month period.	March 30, 2013
	End of FY 2013 letter report describing activities supporting this task that were completed in the previous six-month period.	September 30, 2013
	Mid-year of FY 2014 letter report describing activities supporting this task that were completed in the previous six-month period.	March 30, 2013
	End of FY 2014 letter report describing activities supporting this task that were completed in the previous six-month period.	September 30, 2013

