

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE 1 OF 2 PAGES
2. AMENDMENT/MODIFICATION NO. <b>043</b>	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. <b>14EM000409</b>	5. PROJECT NO. (if applicable) <b>N/A</b>	
6. ISSUED BY <b>U.S. Department of Energy Carlsbad Field Office P. O. Box 3090 Carlsbad, NM 88220-3090</b>		7. ADMINISTERED BY (if other than Item 6)	CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, state, ZIP Code) <b>Nuclear Waste Partnership, LLC Attn: Marty Gonzales Nuclear Waste Partnership 106 Newberry Street SW Aiken, SC 29801</b>			9A. AMENDMENT OF SOLICITATION NO.	
CODE <b>968993910</b> FACILITY CODE			9B. DATED (SEE ITEM 11)	
			10A. MODIFICATION OF CONTRACT/ORDER NO. <b>DE-EM0001971</b>	
			10B. DATED (SEE ITEM 13) <b>April 20, 2012</b>	

**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 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)**

00900 2014 33 490004 0000000 25400 2222175 0000000 0000000 0000000	\$ 11,744.50++
01250 2014 33 490004 0000000 25400 1110676 0003199 0000000 0000000	\$183,250.00++

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

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority):
	B. THE ABOVE-NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (Such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
<b>X</b>	D. OTHER (SPECIFY TYPE OF MODIFICATION AND AUTHORITY) H.55 Funding for work performed for other DOE entities – mutual agreement to increase contract value

E. IMPORTANT: Contractor  is not,  is required to sign this document and return 2 copies to the issuing office.

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

The purpose of this modification is to obligate funding of \$194,994.50 from other DOE entities in accordance with Special Contract Clause H.55 for work performed under Section C that is not funded by the Carlsbad Field Office. The contract value in Section B.2.2 for the period October 1, 2013 through September 30, 2014 is increased by \$194,994.50 by adding a new line in the table for funding received from other sites.

Funding of \$11,744.50 is obligated for the Radiological Assistance Program.

Funding of \$183,250.00 is obligated for the Salt Defense Disposal investigation (SDDI). The scope of work for this funding is attached to this modification.

Total contract funding is increased from \$207,880,949.74, by \$194,994.50, to \$208,075,944.24. Total contract value is revised to \$1,376,802,161.24.

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

15A. NAME AND TITLE OF SIGNER (Type or print) <b>M. F. Sharif, Project Manager</b>		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) <b>Vicki Diane Snow, Contracting Officer</b>	
15B. CONTRACTOR/OFFEROR BY <b>Exemption 6</b> (Signature of person authorized to sign)	15C. DATE SIGNED <b>12-13-2013</b>	16B. UNITED STATES OF AMERICA BY <b>Exemption 6</b> (Signature of Contracting Officer)	16C. DATE SIGNED <b>12/13/2013</b>

The table in Section B.2-2(b) Transition Cost, Anticipated Funding, and Total Available Award Fee is revised to incorporate funding received from other DOE entities of \$194,994.50 to date in fiscal year 2014.

**From: (in Modification 40)**

<b>Base Period</b>	<b>Actual Funding</b>	<b>Annual Fee Base***</b>
October 1, 2012 through September 30, 2013	\$141,902,556.74	\$109,238,604
Funding transferred from WTS contract	\$7,995,864.65	
Funding from other DOE entities per H.55	\$11,373,074.35	
	<b>Anticipated Funding**</b>	<b>Annual Fee Base***</b>
October 1, 2013 through September 30, 2014	\$148,039,521	\$109,238,604
October 1, 2014 through September 30, 2015	\$133,217,810	\$109,238,604
October 1, 2015 through September 30, 2016	\$133,217,810	\$109,238,604
October 1, 2016 through September 30, 2017	\$133,217,810	\$109,238,604
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	\$708,964,446	\$546,193,020
<b>Option Period</b>		
October 1, 2017 through September 30, 2018	\$133,217,810	\$109,238,604
October 1, 2018 through September 30, 2019	\$133,217,810	\$109,238,604
October 1, 2019 through September 30, 2020	\$133,217,810	\$109,238,604
October 1, 2020 through September 30, 2021	\$133,217,810	\$109,238,604
October 1, 2021 through September 30, 2022	<u>\$133,217,810</u>	<u>\$109,238,604</u>
	\$666,089,050	\$546,193,020

**To: (in Modification 43)**

<b>Base Period</b>	<b>Actual Funding</b>	<b>Annual Fee Base***</b>
October 1, 2012 through September 30, 2013	\$141,902,556.74	\$109,238,604
Funding transferred from WTS contract	\$7,995,864.65	
Funding from other DOE entities per H.55	\$11,373,074.35	
	<b>Anticipated Funding**</b>	<b>Annual Fee Base***</b>
October 1, 2013 through September 30, 2014	\$148,039,521	\$109,238,604
Funding from other DOE entities per H.55	<b>\$194,994.50</b>	
October 1, 2014 through September 30, 2015	\$133,217,810	\$109,238,604
October 1, 2015 through September 30, 2016	\$133,217,810	\$109,238,604
October 1, 2016 through September 30, 2017	\$133,217,810	\$109,238,604
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	<b>\$709,159,441.24</b>	\$546,193,020
<b>Option Period</b>		
October 1, 2017 through September 30, 2018	\$133,217,810	\$109,238,604
October 1, 2018 through September 30, 2019	\$133,217,810	\$109,238,604
October 1, 2019 through September 30, 2020	\$133,217,810	\$109,238,604
October 1, 2020 through September 30, 2021	\$133,217,810	\$109,238,604
October 1, 2021 through September 30, 2022	<u>\$133,217,810</u>	<u>\$109,238,604</u>
	\$666,089,050	\$546,193,020

Note: Transition funding of \$1,553,670 is included in the contract value.

## FY2014 SDDI Scope, Products, and Milestones

Participant: **Nuclear Waste Partnership, LLC**

FY14 Budget: \$575K

WBS: 2.2.2 SDI Underground Tests

Period of Performance: December 5, 2013 – September 30, 2014

### Scope Description, Justification, and Impact:

Task Change Request CB032301, approved by DOE-EM HQ in October 2013, provides initial FY2014 funding of \$4,000K for the planning, design, and initial instrumentation procurement for the SDDI field test at WIPP. At this funding level, test start is scheduled for late FY2016. NWP's FY2014 contribution to these activities are as follows:

Provide the resources, equipment, and materials necessary to develop the infrastructure necessary to support the SDDI thermal test. These activities specifically include:

- Installing the electrical feed down the waste shaft to switch station 2.
- Procuring a PPC and other associated electrical components for SDDI to be installed in 2015.
- Developing the core storage drift in E-690 including two bulkheads (solid or chain-link).
- Installing ground support in N-940, the DCS drifts, and the core storage drift in E-690.

The completion of these work activities assume significant carry-over budget from FY2012 and FY2013 assigned to support the coring, ventilation control, and surface electrical work.

Data and records that are integral to the SDDI test, for both field and laboratory work, that may be used in future site characterization activities associated with a salt repository, shall implement the requirements of the SDI Quality Assurance Program Document (DOE/CBFO-11-3465). As stated, NWP will perform these activities in accordance with the requirements of their CBFO-approved Quality Assurance Program Description, as appropriate.

Monthly status of actual cost expenditures and schedule status shall be provided to the LANL Project Controls specialist upon request.

### Products/Milestones:

- Install ground support in N-940, the DCS drifts, and the core storage drift in E-690.
  - Due: August 31, 2014
- Develop the core storage drift in E-690 including two bulkheads (or fences).
  - Due: August 31, 2014
- Install the electrical feed down the waste shaft to switch station 2.

- Due: September 30, 2014
- Procure a PPC and other associated electrical components for SDDI to be installed in 2015.
  - Due: September 30, 2014