

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 4											
2. AMENDMENT/MODIFICATION NO. 0227		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. 19EM000260											
5. PROJECT NO. (If applicable)		6. ISSUED BY EM-Carlsbad EMCBC U.S. Department of Energy Carlsbad Project Office P.O. Box 3090 Carlsbad NM 88221		7. ADMINISTERED BY (If other than Item 6) EMCBC - Carlsbad U.S. Department of Energy Carlsbad Project Office P.O. Box 3090 Carlsbad NM 88221											
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Nuclear Waste Partnership LLC Attn: JAY HART 20501 SENECA MEADOWS PKWY SUITE 300 GERMANTOWN MD 20876		9A. AMENDMENT OF SOLICITATION NO. (x)		9B. DATED (SEE ITEM 11)											
CODE 968993910 FACILITY CODE		10A. MODIFICATION OF CONTRACT/ORDER NO. DE-EM0001971 x		10B. DATED (SEE ITEM 13) 04/20/2012											
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS															
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> 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 ACKNOWLEDGEMENT 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) Net Increase: \$325,000.00															
13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.															
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%;">CHECK ONE</td> <td>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.</td> </tr> <tr> <td></td> <td>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).</td> </tr> <tr> <td></td> <td>C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:</td> </tr> <tr> <td></td> <td>D. OTHER (Specify type of modification and authority)</td> </tr> <tr> <td>X</td> <td>H.55 Obligate funding for work performed for other DOE entities</td> </tr> </table>						CHECK ONE	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.		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:		D. OTHER (Specify type of modification and authority)	X	H.55 Obligate funding for work performed for other DOE entities
CHECK ONE	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.														
	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:														
	D. OTHER (Specify type of modification and authority)														
X	H.55 Obligate funding for work performed for other DOE entities														
E. IMPORTANT: Contractor <input type="checkbox"/> is not. <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> 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 from WFO - Safeguards Engagement INSEP - DN4001020 and increase the contract value per Clause H.55 of the contract. The following changes are made in Mod 227: 1. Obligate FY19 funding in the amount of \$325,000.00 from Safeguards Engagement INSEP - DN4001020 Procurement Request No. 19EM000260. The accounting and appropriation data and amount: 01551 2019 33 490004 0000000 25400 2223095 0000000 0000000 0000000 \$325,000.00 2. Increase total contract obligations from \$1,486,286,658.93, by \$325,000.00, to \$1,486,611,658.93 Continued ...															
Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.															
15A. NAME AND TITLE OF SIGNER (Type or print) Kevin S. Donovan, Business Manager			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Wendy L. Bauer												
15B. CONTRACTOR/OFFEROR /signature on file/ (Signature of person authorized to sign)		15C. DATE SIGNED 11/27/18		16B. UNITED STATES OF AMERICA /signature on file/ (Signature of Contracting Officer)											
				16C. DATE SIGNED 11/27/18											

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED DE-EM0001971/0227	PAGE	OF
		2	4

NAME OF OFFEROR OR CONTRACTOR

Nuclear Waste Partnership LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>3. Increase the FY19 anticipated funding shown in Section B.2.2(b) of the contract in accordance with Special Contract Clause H.55 - Work performed for other DOE entities. The line showing FY19 funding from other DOE entities is increased from \$3,000,000.00 by \$325,000.00 to \$3,325,000.00.</p> <p>4. Increase contract value from \$2,192,663,438.93, by \$325,000.00, to \$2,192,988,438.93</p> <p>All other terms and conditions remain unchanged. Delivery Location Code: 03003 EMCBC - Carlsbad US Department of Energy Carlsbad Project Office P.O. Box 3090 Carlsbad NM 88221</p> <p>Mark For: EMCBC - Carlsbad U.S. Department of Energy Carlsbad Project Office P.O. Box 3090 Carlsbad NM 88221</p> <p>Payment: OR for EMCBC U.S. Department of Energy Oak Ridge Financial Service Center P.O. Box 5777 Oak Ridge TN 37831</p> <p>Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000</p> <p>FOB: Destination Period of Performance: 10/01/2012 to 09/30/2020</p>				

					Modification 227
					Page 3 of 4
Changes to Section B.2-2(b) Transition Cost, Anticipated Funding, and Total Available Award Fee					
	Actual Funding (original)	increase/decrease	Actual Funding (current)	Anticipated Funding	Annual Fee Base***
CLIN 1: Transition					
July 1, 2012 - September 30, 2012	\$1,553,670.00		\$1,553,670.00	\$1,553,670.00	
CLIN 2: Base Period – Site Operations					
October 1, 2012 through September 30, 2013	\$141,902,556.74		\$141,902,556.74	\$141,902,556.74	\$109,238,604
Funding transferred from WTS contract	\$7,995,864.65		\$7,995,864.65	\$7,995,864.65	
Funding from other DOE entities per H.55	\$11,373,074.35		\$11,373,074.35	\$11,373,074.35	
October 1, 2013 through September 30, 2014	\$139,265,040.00		\$139,265,040.00	\$139,265,040.00	\$109,238,604
WBS 1.7 PMB for Recovery Activities (CLIN 4)	\$31,148,035.00		\$31,148,035.00	\$31,148,035.00	
Funding from other DOE entities per H.55	\$1,232,980.92		\$1,232,980.92	\$1,232,980.92	
October 1, 2014 through September 30, 2015	\$121,492,804.86		\$121,492,804.86	\$121,492,804.86	\$100,097,068
Funding for OPC: PVS (OPC) (CLIN 5)	\$5,020,310.96		\$5,020,310.96	\$5,020,310.96	
WBS 1.7 PMB for Recovery Activities (CLIN 4)	\$120,734,157.96		\$120,734,157.96	\$120,734,157.96	\$82,115,542
WBS 1.7 Recovery funding for FY15 OPC PVS (CLIN 5)	\$1,979,689.04		\$1,979,689.04	\$1,979,689.04	
Funding from other DOE entities per H.55	\$5,551,193.66		\$5,551,193.66	\$5,551,193.66	
October 1, 2015 through September 30, 2016	\$144,160,062.29		\$144,160,062.29	\$144,160,062.29	\$117,758,978
Funding from other DOE entities per H.55	\$8,161,085.26		\$8,161,085.26	\$8,161,085.26	
October 1, 2016 through September 30, 2017	\$189,022,916.02		\$189,022,916.02	\$189,022,916.02	\$109,238,604
Funding from other DOE entities per H.55	\$10,486,306.09		\$10,486,306.09	\$10,486,306.09	
TOTALS	\$939,526,077.80		\$939,526,077.80	\$939,526,077.80	\$627,687,400
CLIN 3: Option Period 1 – Site Operations POP: October 1, 2017 through September 30, 2020					
October 1, 2017 through September 30, 2018				\$208,231,903	\$178,663,201
PBS 80 Operations - 1110954	\$171,927,622.00		\$171,927,622.00	\$171,857,622	
PBS 81 CCP - 1110956	\$10,009,774.00		\$10,009,774.00	\$10,009,774	
PBS 83 Infrastructure - 1111702	\$11,485,736.00		\$11,485,736.00	\$11,485,736.00	
PBS 90 Transportation - 1110957	\$9,383,771.00		\$9,383,771.00	\$9,383,771	
PBS 20 Security - 1111094	\$4,706,132.83		\$4,706,132.83	\$4,594,133	
PBS 20 Security - 1111098	\$1,399,101.17		\$1,399,101.17	\$900,867	
Funding from other DOE entities per H.55	\$20,617,724.13		\$20,617,724.13	\$20,617,724	
October 1, 2018 through September 30, 2019				\$133,217,810	\$192,628,912
PBS 80 Operations - 1110954	\$12,781,728.00		\$12,781,728.00		
PBS 81 CCP - 1110956	\$500,000.00		\$500,000.00		
PBS 83 Infrastructure - 1111702	\$3,000,000.00		\$3,000,000.00		
PBS 90 Transportation - 1110957	\$500,000.00		\$500,000.00		
PBS 20 Security - 1111094	\$400,000.00		\$400,000.00		
PBS 20 Security - 1111098	\$58,676.00		\$58,676.00		
Funding from other DOE entities per H.55	\$3,000,000.00	\$325,000.00	\$3,325,000.00	\$3,325,000	
October 1, 2019 through September 30, 2020				\$133,217,810	\$109,238,604
PBS 80 Operations - 1110954			\$0.00		
PBS 81 CCP - 1110956			\$0.00		
PBS 83 Infrastructure - 1111702			\$0.00		
PBS 90 Transportation - 1110957			\$0.00		
PBS 20 Security - 1111094			\$0.00		
PBS 20 Security - 1111098			\$0.00		
Funding from other DOE entities per H.55			\$0.00		
TOTALS	\$249,770,265.13	\$325,000.00	\$250,095,265.13	\$498,610,247.13	\$480,530,717
CLIN 4: WBS. 1.7 Performance Measurement Baseline for Recovery Activities - BASE Period					
FY14 WIPP Recovery Project WBS 1.7, Fee, MR: (Note: FY14 funding was obligated to CLIN 2 in STRIPES before Mod 94)	\$0.00		\$0.00	\$0	
FY15 WIPP Recovery Project WBS 1.7, Fee, MR - (Note: FY15 funding was obligated to CLIN 2 in STRIPES before Mod 94)	\$0.00		\$0.00	\$0	
FY16 WIPP Recovery Project WBS 1.7, Fee, MR	\$80,182,220.00		\$80,182,220.00	\$80,182,220	\$69,087,329
FY17 WIPP Recovery Project WBS 1.7, Fee, MR	\$15,300,000.00		\$15,300,000.00	\$15,300,000	
Option period - FY18 WIPP WBS 1.7, Fee, PMB (to CLIN 6)	\$0.00		\$0.00	\$0	
TOTALS	\$95,482,220.00	\$0.00	\$95,482,220.00	\$95,482,220	\$69,087,329
CLIN 5: WBS 1.8 Capital Asset Project(s) for Permanent Ventilation System and Exhaust Shaft - BASE Period					
FY15 CAP 15-D-411 Ventilation	\$12,000,000.00		\$12,000,000.00	\$12,000,000.00	
FY16 CAP 15-D-411 Ventilation	\$23,218,000.00		\$23,218,000.00	\$23,218,000.00	\$3,400,000
FY17 CAP 15-D-411 Ventilation	\$2,532,000.00		\$2,532,000.00	\$2,532,000.00	
FY15 CAP 15-D-412 Exhaust	\$4,000,000.00		\$4,000,000.00	\$4,000,000.00	
FY16 CAP 15-D-412 Exhaust	\$7,500,000.00		\$7,500,000.00	\$7,500,000.00	\$2,400,000
FY17 CAP 15-D-412 Exhaust	\$30,000,000.00		\$30,000,000.00	\$30,000,000.00	
FY17 OPC (PBS 80) ventilation	\$2,000,000.00		\$2,000,000.00	\$2,000,000.00	
FY17 OPC (PBS 80) exhaust	\$1,500,000.00		\$1,500,000.00	\$1,500,000.00	
TOTALS	\$82,750,000.00	\$0.00	\$82,750,000.00	\$82,750,000.00	\$5,800,000

					Modification 227
					Page 4 of 4
CLIN 6: - Option Period - WBS. 1.7 Performance Measurement					
Baseline for Recovery Activities - RESERVED					
FY18 WIPP Recovery Project WBS 1.7, Fee, MR	\$0.00		\$0.00	\$0	
CLIN 7: Option Period 2 – Site Operations					
October 1, 2020 through September 30, 2021	\$0.00		\$0.00	\$133,217,810	\$109,238,604
PBS 80 Operations - 1110954			\$0.00		
PBS 81 CCP - 1110956			\$0.00		
PBS 83 Infrastructure - 1111702			\$0.00		
PBS 90 Transportation - 1110957			\$0.00		
PBS 20 Security - 1111094			\$0.00		
PBS 20 Security - 1111098			\$0.00		
Funding from other DOE entities per H.55			\$0.00		
October 1, 2021 through September 30, 2022	\$0.00		\$0.00	\$133,217,810	\$109,238,604
PBS 80 Operations - 1110954			\$0.00		
PBS 81 CCP - 1110956			\$0.00		
PBS 83 Infrastructure - 1111702			\$0.00		
PBS 90 Transportation - 1110957			\$0.00		
PBS 20 Security - 1111094			\$0.00		
PBS 20 Security - 1111098			\$0.00		
Funding from other DOE entities per H.55			\$0.00		
TOTALS	\$0.00		\$0.00	\$266,435,620	\$218,477,208
CLIN 8: Option Period 1 - WBS. 1.8 CAP 15-D-411 Ventilation					
FY18 CAP 15-D-411 ventilation	\$86,000,000.00		\$86,000,000.00	\$86,000,000.00	TBD
FY18 OPC (PBS80) ventilation	\$2,700,000.00		\$2,700,000.00	\$2,700,000.00	TBD
FY19 CAP 15-D-411 ventilation	\$6,922,226.00		\$6,922,226.00	\$84,212,000.00	TBD
FY19 OPC (PBS80) ventilation	\$0.00		\$0.00	\$2,500,000.00	TBD
FY20 CAP 15-D-411 ventilation	\$0.00		\$0.00	\$46,118,000.00	TBD
FY20 OPC (PBS80) ventilation	\$0.00		\$0.00	\$3,700,000.00	TBD
TOTALS	\$95,622,226.00	\$0.00	\$95,622,226.00	\$225,230,000.00	
CLIN 9: Option Period 1 - WBS. 1.8 CAP 15-D-412 Exhaust					
FY18 CAP 15-D-412 exhaust	\$19,600,000.00		\$19,600,000.00	\$19,600,000.00	TBD
FY18 OPC (PBS80) exhaust	\$1,900,000.00		\$1,900,000.00	\$1,900,000.00	TBD
FY19 CAP 15-D-412 exhaust	\$82,200.00		\$82,200.00	\$43,250,871.00	TBD
FY19 OPC (PBS80) exhaust	\$0.00		\$0.00	\$837,722.00	TBD
FY20 CAP 15-D-412 exhaust	\$0.00		\$0.00	\$12,806,011.00	TBD
Totals	\$21,582,200.00	\$0.00	\$21,582,200.00	\$78,394,604.00	
CLIN 10: Option Period 2 - WBS. 1.8 CAP 15-D-411 Ventilation					
FY21 CAP 15-D-411 ventilation	\$0.00		\$0.00	\$0.00	
FY21 OPC (PBS80) ventilation	\$0.00		\$0.00	\$5,006,000.00	TBD
TOTALS	\$0.00	\$0.00	\$0.00	\$5,006,000.00	
Grand Totals	\$1,486,286,658.93	\$325,000.00	\$1,486,611,658.93	\$2,192,988,438.93	