AMENDMENT OF SOLICITATION/MODIFICA	ATION OF CONTRACT		1, CONTRACT ID CODE	1	PAGE OF PAGES			
2, AMENDMENT/MODIFICATION NO.	3 EFFECTIVE DATE	4. REQ	UISITION/PURCHASE REQ. NO.	5. PRC	DJECT NO. (If applicable)			
0248	See Block 16C	See Schedule						
6. ISSUED BY CODE	893032	7. ADN	INISTERED BY (If other than Item 6)	CODE	03003			
EM-Carlsbad EMCBC U.S. Department of Energy Carlsbad Project Office P.O. Box 3090 Carlsbad NM 88221	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)	I9A	AMENDMENT OF SOLICITATION NO					
Nuclear Waste Partnership LLC Attn: JAY HART 20501 SENECA MEADOWS PKWY SUITE 300 GERMANTOWN MD 20876		9A. AMENDMENT OF SOLICITATION NO.  9B. DATED (SEE ITEM 11)  x 10A. MODIFICATION OF CONTRACT/ORDER NO. DE-EM0001971						
		10B	DATED (SEE ITEM 13)					
CODE 968993910	FACILITY CODE	-	1/20/2012					
	11. THIS ITEM ONLY APPLIES TO		, ,					
Items 8 and 15, and returning cop- separate letter or electronic communication which inclu- RECEIVED AT THE PLACE DESIGNATED FOR THE OFFER. If by virtue of this amendment you desire to c- each letter or electronic communication makes referen	ides a reference to the solicitation and RECEIPT OF OFFERS PRIOR TO THE hange an offer already submitted, sucl	amendme E HOUR A n change r	ND DATE SPECIFIED MAY RESULT IN REJECTION TO THE RESULT IN REJECTION DESCRIPTION OF THE RESULT IN REJECTION OF THE RESULT IN RESULT IN REJECTION OF THE RESULT IN	EDGEMI CTION ( ation, pro	ENT TO BE OF YOUR			
12, ACCOUNTING AND APPROPRIATION DATA (If requ	imal)				8,200.00			
13 THIS ITEM ONLY ADDLIES TO MO	DIFICATION OF CONTRACTS/OPDE	20 IT MO	DIFIES THE CONTRACT/ORDER NO. AS DES		D IN ITCH 44			
	T/ORDER IS MODIFIED TO REFLECT IN ITEM 14, PURSUANT TO THE AUT	THE ADM	ES SET FORTH IN ITEM 14 ARE MADE IN TH INISTRATIVE CHANGES (such as changes in PF FAR 43.103(b).					
D. OTHER (Specify type of modification a								
X H.55 Obligate Funding	g for Work Performed	d for	Other DOE Entities					
E. IMPORTANT: Contractor is not	x is required to sign this document ar		copies to the issuing					
14 DESCRIPTION OF AMENDMENT/MODIFICATION (Given purpose of this modificate). Obligate FY19 incremental The accounting and appropriate	ion is to obligate funding in the amou	H.55	WFO funding as follows:		40			
00900 2019 33 490004 0000000	25400 2720075 00000	00 00	00000 0000000 \$9,000,00	0.00	) (LANL			
'A-55)	05400 0000000 0000	00.00	00000 000000					
11551 2019 33 490004 0000000		00 00	00000 \$18,200.0	0 (F	RAP and			
valuation, Exercise and Read 1250 2019 33 490004 0000000 Continued		67 00	00000 0000000 \$3,500,00	0.00	) (EM-LA			
Except as provided herein, all terms and conditions of the	document referenced in Item 9.4 or 10	NΔ as here	tofore changed, remains unchanged and in full	Il force c	and offerd			
15A, NAME AND TITLE OF SIGNER (Type or print)	assument referenced in Rem 9 A OF TO		torore changed, remains unchanged and in full AME AND TITLE OF CONTRACTING OFFICE					
Kevin S. Donovan, Chief of	Staff		ly L. Bauer					
15B. CONTRACTOR/OFFERDR	15C, DATE SIGNED	16B, U	NITED STATES OF AMERICA		16C DATE SIGNED			
ignature on file/ (Signature of person authorized to sign)	7-25-19	/sig	nature on file/ (Signature of Contracting Officer)		9/25/19			

 CONTINUATION SHEET
 REFERENCE NO. OF DOCUMENT BEING CONTINUED DE -EM0001971/0248
 PAGE DE -EM0001971/0248
 OF -EM0001971/0248

NAME OF OFFEROR OR CONTRACTOR

Nuclear Waste Partnership LLC

EM NO	SUPPLIES/SERVICES	QUANTITY	8 8 1	UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	2019 Funds for FY2019 TRÙ Waste CCP Activities				
	and Commodities Purchase)		1		
	01250 2019 33 490004 0000000 25400 1111513	1	ll		
	0002168 0000000 0000000 \$1,500,000.00 (EM-LA 2019		ll	6	
	Funds for FY2019 TRU Waste CCP Activities and	ľ	l		
	Commodities Purchase)	1	ll		
		l			
	2. Increase total contract obligations by		H		
	\$14,018,200.00 from \$1,815,452,652.63 to	l	1		
	\$1,829,470,852.63.		1		
	17,023,110,0321001				
	3. Increase total contract value by		H		
	\$14,018,200.00, from \$2,411,586,579.63 to		1 1		
	\$2,425,604,779.63.		ΙI		
	72,423,004,773.03.		ΙI		
	All other terms and conditions remain unchanged.		H		
	Delivery Location Code: 03003		1 1		
	EMCBC - Carlsbad				
				1	
	US Department of Energy				
	Carlsbad Project Office		ΙI		
	P.O. Box 3090		ш		
	Carlsbad NM 88221		1 1	1	
	M. J. Es.		П		
	Mark For:		ΙI	1	
	EMCBC - Carlsbad		ΙI		
	U.S. Department of Energy		ΙI		
	Carlsbad Project Office		ΙI		
	P.O. Box 3090		ΙI	I	
	Carlsbad NM 88221		1 1		
	Payment:		LΙ		
	OR for EMCBC		ΙI		
	U.S. Department of Energy		1 1		
	Oak Ridge Financial Service Center		ΙI		
	P.O. Box 5777		1 1		
	Oak Ridge TN 37831		Н		
	Fund: 00000 Appr Year: 0000 Allottee: 00 Report		ΙI		
	Entity: 000000 Object Class: 00000 Program:		1 1		
	0000000 Project: 0000000 WFO: 0000000 Local Use:		1 1		
	0000000		ΙI		
	FOB: Destination		1 1		
	Period of Performance: 10/01/2012 to 09/30/2020		1 1		
			ΙI		
			1 1		
			1 1		
	#				
	•)				
	I	1	1 1		

					Modification 2
Changes to Section B.2-2(b) Transition Cost, Anticipated Funding, and	Total Available Award Fee				Page 3 o
and the state of t	Actual Funding (original)	increase/decrease	Actual Funding (current)	Anticipated Funding	Annual Fee Base***
CLIN 1: Transition			The same of the sa	Anticipated randing	Allitual ree gase
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	\$109,238,6
Funding transferred from WTS contract	\$7,995,864.65		\$7,995,864.65	7,995,864.65	
Funding from other DOE entities per H,S5	\$11,373,074.35		\$11,373,074,35	11,373,074.35	
October 1, 2013 through September 30, 2014  WBS 1.7 PMB for Recovery Activities (CLIN 4)	\$139,265,040.00		\$139,265,040.00	139,265,040.00	\$109,238,6
Funding from other DOE entities per H,55	\$31,148,035.00		\$31,148,035.00	31,148,035.00	
October 1, 2014 through September 30, 2015	\$1,232,980 92		\$1,232,980.92	1,232,980.92	
Funding for OPC: PVS (OPC) (CLIN 5)	\$121,492,804.86 \$5,020,310.96		\$121,492,804.86	121,492,804.86	\$100,097,0
WBS 1.7 PMB for Recovery Activities (CLIN 4)	\$120,734,157.96		\$5,020,310.96	5,020,310.96	*******
WBS 1.7 Recovery funding for FY15 OPC PVS (CLIN 5)	\$1,979,689.04		\$120,734,157.96 \$1,979,689.04	120,734,157.96 1,979.689.04	\$82,115,5
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	\$117,758,9
Funding from other DOE entities per H.55	58,161,085.26		\$8,161,085.26	8,161,085.26	3117,730,3
October 1, 2016 through September 30, 2017	\$189,022,916.02		\$189,022,916.02	189,022,916.02	\$109,238,60
Funding from other DOE entities per H,55	\$10,486,306.09		\$10,486,306.09	10,486,306.09	\$105,250,00
TOTALS	\$939,526,077.80		\$939,526,077.80	939,526,077.80	\$627,687,40
CLIN 3: Option Period 1 - Site Operations POP: October 1, 2017 thro			ASSESSMENT OF THE PARTY OF THE	333,32,077,00	3027,007,41
October 1, 2017 through September 30, 2018				208,231,903.00	\$178,663,20
PBS 80 Operations - 1110954	6474 007 600 00				\$178,003,20
	\$171,927,622.00		\$171,927,622,00	171,857,622,00	
PBS 81 CCP - 1110956	\$10,009,774.00		\$10,009,774.00	10,009,774.00	
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	9,383,771.00	
PBS 20 Security - 1111094	\$4,706,132.83		\$4,706,132.83	4,594,132,83	
PBS 20 Security - 1111098	\$1,399,101.17		\$1,399,101.17	900,867.17	
Funding from other DOE entities per H.55	\$20,617,724.13		\$20,617,724.13		
October 1, 2018 through September 30, 2019	\$20,017,724.13		320,817,724,13	20,617,724.13	4102 520 01
PBS 80 Operations - 1110954	\$177,034,413.90		£173 004 412 00	248,915,169.90	\$192,628,91
PBS 81 CCP - 1110956	\$9,593,716.00		\$177,034,413.90	177,034,413.90	
PBS 83 Infrustructure - 1111702	\$46,695,000.00		\$9,593,716.00	9,593,716.00	
PBS 90 Transportation - 1110957	\$10,012,040.00		\$46,695,000.00 \$10,012,040.00	46,695,000.00	
PBS 20 Security - 1111094	\$4,922,555.02		\$4,922,555.02	10,012,040.00	
PBS 20 Security - 1111098	\$657,444.98		\$657,444.98	657,444.98	
Funding from other DOE entities per H.55	\$19,183,653.80	514,018,200.00	\$33,201,853.80	33,201,853.80	
October 1, 2019 through September 30, 2020	100100000000000000000000000000000000000	** //***/***	900,202,000.00	233,818,541.00	\$109,238,60
PBS 80 Operations - 1110954			\$0.00	223,010,0311.00	0.105,230,00
PBS 81 CCP - 1110956			\$0.00		
PBS 83 Infrustructure - 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		
OTALS	\$497,628,684.83	\$14,018,200.00	\$511,646,884.83	744,785,191.83	\$480,530,71
LIN 4: WB5. 1.7 Performance Measurement Baseline for Recovery					
ctivities - BASE Period					
Y14 WIPP Recovery Project WBS 1.7, Fee, MR: (Note: FY14 funding	0.5 + 305				
as obligated to CLIN 2 in STRIPES before Mod 94)	\$0.00		\$0.00	0.00	
Y15 WIPP Recovery Project W85 1.7, Fee, MR - (Note: FY15 funding					
as obligated to CLIN 2 in STRIPES before Mod 94)	\$0.00		\$0.00	0.00	
Y16 WIPP Recovery Project WBS 1.7, Fee, MR	\$80,182,220.00		\$80,182,220.00	80,182,220.00	\$69,087,32
Y17 WIPP Recovery Project WBS 1.7, Fee, MR	\$15,300,000.00		\$15,300,000.00	15,300,000.00	
ption period - FY18 WIPP WBS 1.7, Fee, PMB (to CLIN 6)	\$0.00		50.00	0.00	
OTALS	\$95,482,220.00	\$0.00	\$95,482,220.00	95,482,220.00	\$69,087,32
IN 5: WBS 1.8 Capital Asset Project(s) for Permanent Ventilation					
rstem and Exhaust Shaft - BASE Period /15 CAP 15-D-411 Ventilation				- Aller Allen Control Control	and the least
/16 CAP 15-D-411 Ventilation	\$12,000,000.00		\$12,000,000.00	12,000,000.00	
/17 CAP 15-D-411 Ventilation	\$23,218,000.00		\$23,218,000,00	23,218,000.00	\$3,400,00
/15 CAP 15-D-411 Ventilation	\$2,532,000.00		\$2,532,000,00	2,532,000.00	
/16 CAP 15-D-412 Exhaust	\$4,000,000.00		\$4,000,000,00	4,000,000.00	WE FOR
'17 CAP 15-D-412 Exhaust	\$7,500,000.00		\$7,500,000.00	7,500,000.00	\$2,400,00
/17 OPC (PBS 80) ventilation	\$30,000,000.00		\$30,000,000.00	30,000,000.00	
	\$2,000,000.00 \$1,500,000.00		\$2,000,000,00	2,000,000.00 1,500,000.00	
17 OPC (PBS 80) exhaust					
Y17 OPC (PBS 80) exhaust OTALS	\$82,750,000.00	\$0.00	\$82,750,000.00	82,750,000.00	\$5,800,00

					Modification 24
					Page 4 of
CLIN 6: - Option Period - WBS. 1.7 Performance Measurement	STATE OF THE PARTY		PULL PRICE IN THE STATE OF	AND DESIGNATIONS	11
Baseline for Recovery Activities - RESERVED					
FY18 WIPP Recovery Project WBS 1,7, Fee, MR	\$0.00		\$0.00	0.00	
CLIN 7: Option Period 2 – Site Operations	the state of the s	Contract Con	100000000000000000000000000000000000000		
October 1, 2020 through September 30, 2021	\$0.00		\$0.00	133,217,810.00	\$109,238,604
PBS 80 Operations - 1110954		5'	\$0.00		
PBS 81 CCP - 1110956			\$0.00		
PBS 83 Infrustructure - 1111702			\$0.00		
PBS 90 Transportation - 1110957			50.00		
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	50.00		\$0.00	133,217,810,00	\$109,238,604
PBS 80 Operations - 1110954			\$0.00		
PBS 81 CCP - 1110956			\$0.00		
PBS 83 Infrustructure - 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	266,435,620.00	\$218,477,208
CLIN 8: Option Period 1 - WBS. 1.8 CAP 15-D-411 Ventilation			THE RESERVE OF THE PARTY OF THE		
FY18 CAP 15-D-411 ventilation	\$86,000,000.00		\$86,000,000.00	86,000,000.00	TBD
FY18 OPC (PB580) ventilation	\$2,700,000.00		\$2,700,000.00	2,700,000.00	TBD
FY19 CAP 15-D-411 ventilation	\$84,212,000.00		584,212,000.00	84,212,000.00	TBD
FY19 OPC (PBS80) ventilation	\$2,500,000.00		\$2,500,000.00	2,500,000.00	TBD
FY20 CAP 15-D-411 ventilation	\$0.00		\$0.00	53,354,000.00	TBD
FY20 OPC (PB580) ventilation	\$0.00		\$0.00	3,700,000.00	TBD
TOTALS	\$175,412,000.00	50.00	\$175,412,000.00	232,466,000.00	
CLIN 9: Option Period 1 - WBS. 1.8 CAP 15-D-412 Utility Shaft	Day to come the second of the		No.	STATE OF STREET	STATE OF THE PARTY
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	\$1,000,000.00		\$1,000,000.00	\$1,000,000.00	TBD
FY19 OPC (PBS80) exhaust	\$600,000.00		\$600,000.00	\$600,000.00	TBD
FY20 CAP 15-D-412 exhaust	\$0.00		\$0.00	34,500,000.00	TBD
Totals	\$23,100,000.00	\$0.00	\$23,100,000.00	57,600,000.00	
CLIN 10: Option Period 2 - WBS. 1.8 CAP 15-D-411 Ventilation	7.00	THE RESERVE OF THE PARTY OF THE		The second second	THE PERSON NAMED IN
FY21 CAP 15-D-411 ventilation	\$0.00		\$0.00	0.00	
FY21 OPC (PBS80) ventilation	\$0.00		50.00	5,006,000.00	TBD
TOTALS	\$0.00	\$0.00	\$0.00	5,006,000.00	
TOTAL	55,00	70,00	7-1-50	-,,	
Grand Totals	\$1,815,452,652.63	\$14,018,200.00	\$1,829,470,852.63	2,425,604,779.63	