AMENDME	NT OF SOLICITATION/MODIFIC	ATION OF CONTRACT		CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMEN	IT/MODIFICATION NO.	3. EFFECTIVE DATE	4. F	EQUISITION/PURCHASE REQ. NO.	1 11 5. PROJECT NO. (If applicable)
178		See Block 16C			, ,,,
6. ISSUED BY	CODE	00603	7. /	ADMINISTERED BY (If other than Item 6)	CODE 00603
U.S. Dep Office of P.O. Box Richland	of River Protection partment of Energy of River Protection 450 WA 99352	Louista Otto and 70 Octob	U. Of P. MS Ri	S. Department of Energy fice of River Protection O. Box 450 S: H6-60 chland WA 99352	у
A MANUE AND P	ADDITESS OF CONTINACTOR (IVE., SIFEE)	, county, state and ZIP Code)	(x)	9A. AMENDMENT OF SOLICITATION NO.	
ttn: KAI 2/0 URS I 30 BOX 73	ON RIVER PROTECTION : REN VACCA ENERGY & CONSTRUCTION 3 / 720 PARK BLVD 837290073		х	9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDE DE—AC27-08RV1.4800	R NO.
0000				10B. DATED (SEE ITEM 13)	
CODE 806	5500521	FACILITY CODE		05/29/2008	
	umbered solicitation is amended as set fo	11. THIS ITEM ONLY APPLIES			
	13. THIS ITEM ONLY APPLIES TO MO A. THIS CHANGE ORDER IS ISSUED P ORDER NO. IN ITEM 10A.	URSUANT TO: (Specify authority)	THE CHA	MODIFIES THE CONTRACT/ORDER NO. AS NGES SET FORTH IN ITEM 14 ARE MADE II ADMINISTRATIVE CHANGES (such as change)	N THE CONTRACT
	appropriation date, etc.) SET FORTH C. THIS SUPPLEMENTAL AGREEMEN			ADMINISTRATIVE CHANGES (such as chang TY OF FAR 43.103(b).	com paying onice,
I .	FAR 52.243-2 Changes-				
	D. OTHER (Specify type of modification a				
. IMPORTANT:		x is required to sign this docume			•
		Organized by UCF section heading	gs, includin	g solicitation/contract subject matter where fea	asible.)
	inuation pages. F Performance: 06/20/	/2009 +- 00/20/201	1 2		
eliod Oi	refrontance. 00/20/	2006 (0 09/30/20]	13		
xcept as provid	ed herein, all terms and conditions of the	document referenced in Item 9A o	or 10A as h	eretofore changed, remains unchanged and ir	a full force and effect
	TITLE OF SIGNER (Type or print)			NAME AND TITLE OF CONTRACTING OF	
Δ A					

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Susan E. Bechtol

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA

(Signature of print)

(Signature of Contracting Officer)

NSN 7500 01 450 body

NSN 7500 01 450 body

15A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Susan E. Bechtol

16C. DATE SIGNED

16C. DATE SIGNED

16C. DATE SIGNED

NSN 7540-01-152-8070 Previous edition unusable

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

Purpose of Modification:

The purpose of this supplemental agreement is to definitize the following change orders and request for equitable adjustment in accordance with FAR 52.243-2, Changes-Cost Reimbursement (AUG 1984):

- Modification 96, dated 02/28/11, Change Order to incorporate Executive Order (EO) 13514 (11-AMD-064)
- Request for Equitable Adjustment (REA) for the Waste Transfer System Required Actions (WRPS-1104249 R2, dated 11/16/11)
- Modification 148, dated 01/09/12, Change Order to begin work on the Double Shell Tank (DST) Ventilation Upgrades Phase 1B (12-AMD-0013)
- 1. Update Section B as follows:
 - 1.1 Incorporate costs and fee for the DST Ventilation Upgrades Phase 1B. The addition of this new scope increases the costs by sub-CLINs and fee as follows:

Double Shell Tank Ventilation Phase 1B	FY2012	Total
CLIN 1.2.1-Base Operations Direct Costs	\$1,470,643	\$1,470,643
CLIN 1.2.2-Base Operations Indirect Costs	\$236,375	\$236,375
CLIN 6.1-Hanford Employee Retirement and Benefit Plan Management	\$105,193	\$105,193
Fee increase (pool) @ 8%	\$136,561	\$136,561
Total Increase Cost plus Fee Double Shell Tank Ventilation Phase 1B	\$1,948,772	\$1,948,772

1.2 Incorporate costs and fee for the removal and storage of the Waste Transfer System Required Actions. The addition of this new scope increases the costs by sub-CLIN and fee as follows:

Waste Transfer System	FY2012	Total
CLIN 1.2.1-Base Operations Direct Costs	\$119,149	\$119,149
CLIN 1.2.2-Base Operations Indirect Costs	\$19,252	\$19,252
CLIN 6.1-Hanford Employee Retirement and Benefit Plan Management	\$9,199	\$9,199
Fee increase (pool) @ 7.5%	\$10,380	\$10,380
Total increase Cost plus Fee Waste Transfer System	\$157,980	\$157,980

1.3 Incorporate costs and fee for the incorporation of EO 13514 through April 23rd, 2012. All costs related to the incorporation of EO 13514 that were incurred after April 23rd,

2012 will be negotiated with the proposal submitted for the incorporation of Department of Energy (DOE) Order (O) 436.1, Departmental Sustainability. The addition of this new scope increases the costs by sub-CLIN and fee as follows:

EO 13514	FY2010	FY2011	FY2012	Total
CLIN 1.2.1 -Direct Costs	\$31,748	\$32,366	\$1086	\$65,200
CLIN 1.2.2- Indirect Costs	\$0	\$0	\$184	\$184
CLIN 6.1 Hanford Employee				
Retirement Benefit Plan Management	\$0	\$0	\$140	\$140
Fee increase (pool) @ 7.5%	\$2,381	\$2,427	\$95	\$4,904
Total	\$34,129	\$34,793	\$1,505	\$70,428

- 1.4 Update Table B.4-1a, Authorized Available Base Fee to Date to do the following:
 - Correct an error in the Total of the Table B.4-1a. The previous modification showed the sum Total of all FY's to be \$82,788, however when you add the numbers together it should read \$82,791. The revised total of \$82,791 was used as the starting point for this modification.
 - Incorporate fee for the WIPP Permits. The contract was originally awarded with a fee rate of 7.5%. Modification 133, dated 09/26/11, was a Change Order and Work Authorization for Contract Line Item Number (CLIN) 4.5 Waste Isolation and Pilot Plant (WIPP) Permits (11-AMD-239). WRPS did not include fee in their proposal for this authorized work. However, the contractor is entitled to fee on this work, so this modification adds fee at a rate of 7.5%, which is the original fee rate at contract award, to the negotiated costs of \$184,632, for a total of \$13,847 in fee which will be added to the B.4-1a table in FY 2012.
 - Add fee in the amount of \$9,175,000 that was released in Modification 176, (12-CPM-0089) but was inadvertently not added to the Table B.4-1a. Fee in the amount of \$1,350,000 for FY 2012 and \$7,825,000 for FY 2013 is added to the available fee pool for authorized work, in addition to the fee in the amount of \$151,845 added from the above changes in this modification.
 - The total amount of fee being added to the Table B.4-1a in this modification is \$9,340,645. The change is as follows:

<u>FROM:</u>

Table B.4-1a, Authorized Available Base Fee to Date

			(w s III IX)			
Available Fee	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Totals
for Authorized				-		
CLINS	\$8,287	\$17,659	\$16,448	\$22,177	\$18,215	\$82,788

<u>TO:</u>

Table B.4-1a, Authorized Available Base Fee to Date

(\$'s in K)

Available Fee	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Totals
for Authorized						
CLINS	\$8,287	\$17,666	\$16,450	\$23,688	\$26,040	\$92,132

1.5 Update Section B, B.4-1 Table to incorporate the above changes from this modification.

The total cost and fee being added as a result of these negotiated changes is \$2,177,180. The Total Contract Price is changed from \$5,639,278,598 to \$5,641,455,778. Section B, Table B.4-1 sub-CLIN 1.2.1, sub-CLIN 1.2.2 and sub-CLIN 6.1 and Total Contract Price are changed as follows:

	FY10	FY11	FY12	TOTAL Contract
TOTAL CLIN 1.2.1 -Direct Costs	\$31,748	\$32,366	\$1,590,878	\$1,654,992
TOTAL CLIN 1.2.2- Indirect Costs	\$0	\$0	\$255,811	\$255,811
Subtotal CLIN 1.2	\$31,748	\$32,366	\$1,846,689	\$1,910,803
TOTAL CLIN 6.1 Hanford Employee Retirement Benefit Plan Management	\$0	\$0	\$114,532	\$114,532
TOTAL COSTS	\$31,748	\$32,366	\$1,961,221	\$2,025,335
TOTAL Fee	\$2,381	\$2,427	\$147,037	\$151,845
TOTAL CHANGE CONTRACT VALUE	\$34,129	\$34,793	\$2,108,258	\$2,177,180

FROM:

Table B.4-1, Contract Cost and Contract Fee (\$'s in K)

		Transition Period – FY 2008
CLIN 1 Base	Sub-	
Operations	CLIN 1.1	5,494
	Contract	
	Cost	5,494
Totals	Contract	5,494

CLIN 1 Base Sub-CLIN 1.2.1 138,167 135,350 159,152 144,678 154,364 722,		Price	Market Control of the					
CLIN 1 Base			В	Base Period				
Base Operations Sub-CLIN 1.2.1 138.167 135.350 159.152 144,678 154,364 722,			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Totals
Operations Sub-CLIN 1.2.2 0 0 0 0 280 11	CLIN 1							
CLIN 2	Base	Sub-CLIN 1.2.1	138,167	135,350	150,152	144,678	154,364	722,712
Sub-CLIN 2	Operations	Sub-CLIN 1.2.2	0	0	0	280	11	291
SST Retrieval and Closure Sub-CLIN 2.2 12,070 14,245 22,238 27,879 19,338 95,		Sub-CLIN 1.3	14,397	14,649	16,974	17,775	18,234	82,030
Sub-CLIN 2.2 12,070 14,245 22,238 27,879 19,338 95,		Sub-CLIN 2.1	39,669	28,154	42,729	56,374	67,012	233,938
Sub-CLIN 3.1 9,725 16,257 24,005 19,840 22,172 91,								
Sub-CLIN 3.2 3,085 3,154 3,255 4,864 3,455 17,	·······		12,070	14,245	22,238	27,879	19,338	95,771
Sub-CLIN 3.3 931 0 832 4,277 1,375 7,			9,725	16,257	24,005	19,840	22,172	91,999
Sub-CLIN 3.4 160 543 3,394 9,593 9,535 23,	WTP Support		3,085	3,154	3,255	4,864	3,455	17,814
CLIN 4 Supplemental Treatment Sub-CLIN 4.1 0 0 0 0 0 Treatment Sub-CLIN 4.2 0 0 0 0 0 0 Sub-CLIN 4.3 0 2,500 3,677 2,158 2,211 10, Sub-CLIN 4.4 0 0 0 0 0 0 0 CLIN 5 Sub-CLIN 5.1 34,118 6,848 2,674 1,973 2,648 48, Early Feed and Operation of WIP LAW Sub-CLIN 5.2 0 34,417 49,008 43,452 35,379 162, WTP LAW Facility Sub-CLIN 5.3 0			931	0	832	4,277	1,375	7,415
Sup-lemental Treatment			160	543	3,394	9,593	9,535	23,225
Sub-CLIN 4.2		Sub-CLIN 4.1	0	0	0	0	0	0
Sub-CLIN 4.3 0 2,500 3,677 2,158 2,211 10,								
Sub-CLIN 4.4 0 0 0 0 0 0 0 0 0	Treatment							0
Sub-CLIN 4.5 9,590 5,759 17,101 9,923 10,222 52,				2,500	3,677	2,158	2,211	10,546
CLIN 5 Sub-CLIN 5.1 34,118 6,848 2,674 1,973 2,648 48, Early Feed and Operation of Operation of Pacility Sub-CLIN 5.2 0 34,417 49,008 43,452 35,379 162, WTP LAW Sub-CLIN 5.3 0 <td></td> <td></td> <td></td> <td>9</td> <td></td> <td>· ·</td> <td>0</td> <td>0</td>				9		· ·	0	0
Sub-CLIN 5.2 0 34,417 49,008 43,452 35,379 162,		<u> </u>		5,759		9,923	10,222	52,595
Operation of WTP LAW Sub-CLIN 5.2 0 34,417 49,008 43,452 35,379 162, 162, 162, 162, 163 Facility Sub-CLIN 5.3 0		Sub-CLIN 5.1	34,118	6,848	2,674	1,973	2,648	48,261
WTP LAW Sub-CLIN 5.3 0 0 0 0 0 Facility Sub-CLIN 5.4 0 0 0 0 0 CLIN 6 Sub-CLIN 6.1 20,036 21,877 23,836 26,010 27,376 119, Pension and Welfare Plans Sub-CLIN 6.2 100,827 113,582 117,716 126,066 122,161 580, Base Contract Contract Cost 382,776 397,335 477,591 495,144 495,493 2,248, Base Contract Available Fee* 11,566 21,187 21,550 26,281 21,825 102, Sub-Totals Contract Price 393,086 415,050 490,901 518,933 515,459 2,333, CLIN 7 Sub-CLIN 7.1 29,362 89,029 63,680 0 0 182, American Sub-CLIN 7.2 2,661 17,260 11,791 0 0 31, Recovery and Recovery and Reinvestment Act (ARRA) Sub-CLIN 7.5 539 6,943 <	<u>-</u>							
Facility Sub-CLIN 5.4 0 0 0 0 0 CLIN 6 Sub-CLIN 6.1 20,036 21,877 23,836 26,010 27,376 119, Pension and Welfare Plans Sub-CLIN 6.2 100,827 113,582 117,716 126,066 122,161 580, Contract Cost 382,776 397,335 477,591 495,144 495,493 2,248, Base Contract Sub-CLIN 7.1 29,362 21,187 21,550 26,281 21,825 102, Sub-Totals Contract Price 393,086 415,050 490,901 518,933 515,459 2,333, CLIN 7 Sub-CLIN 7.1 29,362 89,029 63,680 0 0 182, American Sub-CLIN 7.2 2,661 17,260 11,791 0 0 31, Recovery and Reinvestment Act (ARRA) Sub-CLIN 7.5 539 6,943 3,268 0 0 0 58, Workscope Sub-CLIN 7.5 539 6,943 3,268 <td></td> <td></td> <td>·</td> <td>34,417</td> <td>49,008</td> <td>43,452</td> <td>35,379</td> <td>162,256</td>			·	34,417	49,008	43,452	35,379	162,256
CLIN 6 Sub-CLIN 6.1 20,036 21,877 23,836 26,010 27,376 119, Pension and Welfare Plans Sub-CLIN 6.2 100,827 113,582 117,716 126,066 122,161 580, Contract Cost 382,776 397,335 477,591 495,144 495,493 2,248, Base Contract Sub-Contract Sub-Contract Price 393,086 415,050 490,901 518,933 515,459 2,333, CLIN 7 Sub-CLIN 7.1 29,362 89,029 63,680 0 0 182, American Recovery and Reinvestment Act (ARRA) Sub-CLIN 7.2 2,661 17,260 11,791 0 0 31, Morkscope Sub-CLIN 7.3 5,756 26,731 26,448 0 0 58, Workscope Sub-CLIN 7.5 539 6,943 3,268 0 0 10, ARRA Sub-Totals ARRA Fee 2,853 11,180 8,309 0 0 22, ARRA Fee 2,853 11,180 8,30					0		0	0
Pension and Welfare Plans Sub-CLIN 6.2 100,827 113,582 117,716 126,066 122,161 580, 580, 580, 580, 580, 580, 580, 580,							-	0
Welfare Plans Sub-CLIN 6.2 100,827 113,582 117,716 126,066 122,161 580,060 Base Contract Available Fee* 11,566 21,187 21,550 26,281 21,825 102,48,00 Sub-Totals Contract Price 393,086 415,050 490,901 518,933 515,459 2,333,00 CLIN 7 Sub-CLIN 7.1 29,362 89,029 63,680 0 0 182,433 American Sub-CLIN 7.2 2,661 17,260 11,791 0 0 31,433 Recovery and Recovery and Reinvestment Sub-CLIN 7.3 5,756 26,731 26,448 0 0 0 58,756 Act (ARRA) Sub-CLIN 7.4 0 0 0 0 0 0 0 10,0 Sub-CLIN 7.5 539 6,943 3,268 0 0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 10,0 <td></td> <td>Sub-CLIN 6.1</td> <td>20,036</td> <td>21,877</td> <td>23,836</td> <td>26,010</td> <td>27,376</td> <td>119,135</td>		Sub-CLIN 6.1	20,036	21,877	23,836	26,010	27,376	119,135
Contract Cost 382,776 397,335 477,591 495,144 495,493 2,248,				•				
Base Contract Sub-Totals Available Fee* 11,566 21,187 21,550 26,281 21,825 102,750 Sub-Totals Contract Price 393,086 415,050 490,901 518,933 515,459 2,333,750 CLIN 7 Sub-CLIN 7.1 29,362 89,029 63,680 0 0 0 182,733,750 American Sub-CLIN 7.2 2,661 17,260 11,791 0 0 31,79 Recovery and Reinvestment Sub-CLIN 7.3 5,756 26,731 26,448 0 0 0 58,22 Reinvestment Sub-CLIN 7.4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 10,0 0 0 0 0 0 10,0 0 0 0 10,0 0 0 10,0 0 0 10,0 0 10,0 0 10,0 0 10,0	Welfare Plans							580,352
Sub-Totals Contract Price 393,086 415,050 490,901 518,933 515,459 2,333, CLIN 7 Sub-CLIN 7.1 29,362 89,029 63,680 0 0 182,4 American Sub-CLIN 7.2 2,661 17,260 11,791 0 0 31, Recovery and Reinvestment Sub-CLIN 7.3 5,756 26,731 26,448 0 0 0 58,3 Workscope Sub-CLIN 7.4 0 0 0 0 0 0 0 0 10,3 Workscope Sub-CLIN 7.5 539 6,943 3,268 0 0 10,3					477,591	495,144	495,493	2,248,339
CLIN 7 Sub-CLIN 7.1 29,362 89,029 63,680 0 0 182,4 American Sub-CLIN 7.2 2,661 17,260 11,791 0 0 31, Recovery and Reinvestment Act (ARRA) Sub-CLIN 7.3 5,756 26,731 26,448 0 0 58,5 Workscope Sub-CLIN 7.4 0 0 0 0 0 0 0 Sub-CLIN 7.5 539 6,943 3,268 0 0 10,50 Sub-CLIN 7.6 0 10,832 7,213 0 0 18,60 ARRA Cost 38,318 150,795 112,400 0 0 301,50 ARRA Fee 2,853 11,180 8,309 0 0 22,50 Totals ARRA Price 41,171 161,975 120,709 0 0 323,60 Contract Cost 419,839 544,659 492,605 493,624 2,532,421 492,60 Available Fee 14,418					21,550	26,281	21,825	102,407
American Recovery and Recovery and Reinvestment Act (ARRA) Sub-CLIN 7.2 2,661 17,260 11,791 0 0 31, 31, 31, 31, 31, 31, 31, 31, 31, 31,		Contract Price	393,086	415,050	490,901	518,933	515,459	2,333,429
Recovery and Reinvestment Act (ARRA) Sub-CLIN 7.3 5,756 26,731 26,448 0 0 58,33 Workscope Sub-CLIN 7.4 0 0 0 0 0 0 0 0 0 10,33 0 0 10,33 0 0 10,33 0 0 10,33 0 0 10,33 0 0 10,33 0 0 10,33 0 0 10,33 0 0 10,33 0 0 10,33 0 0 10,33 0 0 10,33 0 0 10,33 0 0 10,33 0 0 10,33 0 0 10,33 0 0 10,33 0 0 0 10,33 0 0 10,33 0 0 10,33 0 0 10,43 0 0 10,43 0 0 0 10,43 0 0 0 0 0 0 0 0 0 <td>CLIN 7</td> <td></td> <td>29,362</td> <td>89,029</td> <td>63,680</td> <td>0</td> <td>0</td> <td>182,071</td>	CLIN 7		29,362	89,029	63,680	0	0	182,071
Reinvestment Act (ARRA) Sub-CLIN 7.4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 10,32 0 0 10,32 0 0 10,32 0 0 10,32 0 0 10,32 0 0 10,32 0 0 10,32 0 0 10,32 0 0 0 10,32 0 0 0 10,32 0 0 0 10,32 0 0 0 10,32 0 0 0 10,32 0 0 0 18,60 0 0 10,32 0 0 0 301,32 0 0 0 301,32 0 0 0 301,32 0 0 0 301,32 0 0 0 0 0 20,32 0 0 0 0 0 0 0 0 0 0 0 0		Sub-CLIN 7.2			~~~~		0	31,712
Act (ARRA) Sub-CLIN 7.5 539 6,943 3,268 0 0 10,00 Sub-CLIN 7.6 0 10,832 7,213 0 0 18,00 ARRA Cost 38,318 150,795 112,400 0 0 301,00 ARRA Sub-Totals ARRA Price 2,853 11,180 8,309 0 0 22,30 Totals ARRA Price 41,171 161,975 120,709 0 0 323,60 Contract Cost 419,839 544,659 492,605 493,624 2,532,421 492,605 Totals Available Fee 14,418 32,366 26,328 21,835 124,863 26,328		Sub-CLIN 7.3	5,756	26,731	26,448	0	0	58,935
Workscope Sub-CLIN 7.5 539 6,943 3,268 0 0 10,00 Sub-CLIN 7.6 0 10,832 7,213 0 0 18,00 ARRA Cost 38,318 150,795 112,400 0 0 301,00 ARRA Fee 2,853 11,180 8,309 0 0 22,00 Totals ARRA Price 41,171 161,975 120,709 0 0 323,00 Contract Cost 419,839 544,659 492,605 493,624 2,532,421 492,605 Totals Available Fee 14,418 32,366 26,328 21,835 124,863 26,328		Sub-CLIN 7.4	0	0	\overline{o}	0	0	0
Sub-CLIN 7.6 0 10,832 7,213 0 0 18,0 ARRA Cost 38,318 150,795 112,400 0 0 301, ARRA Sub-Totals ARRA Fee 2,853 11,180 8,309 0 0 0 22,5 ARRA Price 41,171 161,975 120,709 0 0 323,6 Contract Cost 419,839 544,659 492,605 493,624 2,532,421 492,6 Totals Available Fee 14,418 32,366 26,328 21,835 124,863 26,3		G 1 GT 77						
ARRA Sub- ARRA Fee 38,318 150,795 112,400 0 0 301,301,301,301,301,301,301,301,301,301,	Workscope		_					10,750
ARRA Sub- Totals ARRA Fee 2,853 11,180 8,309 0 0 22,3 Totals ARRA Price 41,171 161,975 120,709 0 0 323,6 Contract Cost 419,839 544,659 492,605 493,624 2,532,421 492,6 Available Fee 14,418 32,366 26,328 21,835 124,863 26,336		·						18,045
Totals ARRA Price 41,171 161,975 120,709 0 0 323,8 Contract Cost 419,839 544,659 492,605 493,624 2,532,421 492,6 Totals Available Fee 14,418 32,366 26,328 21,835 124,863 26,3							0	301,513
Contract Cost 419,839 544,659 492,605 493,624 2,532,421 492,6 Totals Available Fee 14,418 32,366 26,328 21,835 124,863 26,328						0	0	22,342
Totals Available Fee 14,418 32,366 26,328 21,835 124,863 26,3	Totals		41,171		120,709	0	0	323,855
			419,839	544,659	492,605	493,624	2,532,421	492,605
Contract Price 124 257 577 025 519 022 515 450 2 (57 204 510)	Totals	Available Fee	14,418	32,366	26,328	21,835	124,863	26,328
Contract Fixe 434,237 377,023 316,933 313,439 2,037,284 318,9		Contract Price	434,257	577,025	518,933	515,459	2,657,284	518,933

^{*}Note: In accordance with clause B.14, DOE Authorization of Work, Table B.4-1a below reflects the authorized available base fee to date:

Table B.4-1a, Authorized Available Base Fee to Date (\$'s in K)

Available Fee for	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Totals
Authorized						
CLINS	\$8,287	\$17,659	\$16,448	\$22,177	\$18,215	\$82,788

		Contract Totals
Total:	Contract Cost	5,376,673
Transition, Base & Option	Available Fee	262,606
Periods	Contract Price	5,639,279

<u>TO:</u>

Table B.4-1, Contract Cost and Contract Fee (\$'s in K)

			Transition	Period – F	Y 2008			
	Sub-							
CLIN 1 Base	CLIN							
Operations	1.1				5,494			
	Contract			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				VIII
	Cost				5,494			
	Contract							
Totals	Price				5,494			
			Ba	ase Period				
			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Totals
CLIN 1				The seek of the state of the seek of the s		28 SEC. 02 SEC		
Base	Sub-CLI	N 1.2.1	138,167	135,382	150,184	146,269	154,364	724,367
Operations	Sub-CLI	N 1.2.2	0	0	0	536	11	547
	Sub-CL	IN 1.3	14,397	14,649	16,974	17,775	18,234	82,030
CLIN 2	Sub-CL	IN 2.1	39,669	28,154	42,729	56,374	67,012	233,938
SST Retrieval								
and Closure	Sub-CL	IN 2.2	12,070	14,245	22,238	27,879	19,338	95,771

Contract Number DE-AC27-08RV14800 Continuation Page, Modification 178

CLIN 3	Sub-CLIN 3.1	9,725	16,257	24,005	19,840	22,172	91,999
WTP Support	Sub-CLIN 3.2	3,085	3,154	3,255	4,864	3,455	17,814
Ī	Sub-CLIN 3.3	931	0	832	4,277	1,375	7,415
	Sub-CLIN 3.4	160	543	3,394	9,593	9,535	23,225
CLIN 4	Sub-CLIN 4.1	0	0	0	0	0	0
Supplemental							W. W
Treatment	Sub-CLIN 4.2	0	0	0	0	0	0
	Sub-CLIN 4.3	0	2,500	3,677	2,158	2,211	10,546
	Sub-CLIN 4.4	0	0	0	0	0	0
	Sub-CLIN 4.5	9,590	5,759	17,101	9,923	10,222	52,595
CLIN 5	Sub-CLIN 5.1	34,118	6,848	2,674	1,973	2,648	48,261
Early Feed							
and Operation							
of	Sub-CLIN 5.2	0	34,417	49,008	43,452	35,379	162,256
WTP LAW	Sub-CLIN 5.3	0	0	0	0	0	0
Facility	Sub-CLIN 5.4	0	0	0	0	0	0
CLIN 6	Sub-CLIN 6.1	20,036	21,877	23,836	26,010	27,376	119,135
Pension and							
Welfare Plans	Sub-CLIN 6.2	100,827	113,582	117,716	126,066	122,161	580,352
_	Contract Cost	382,776	393,895	469,326	494,567	495,493	2,232,933
Base Contract	Available Fee*	11,566	21,189	21,552	26,428	21,825	102,559
Sub-Totals	Contract Price	393,086	415,084	490,936	521,041	515,459	2,335,606
CLIN 7	Sub-CLIN 7.1	29,362	89,029	63,680	0	0	182,071
American	Sub-CLIN 7.2	2,661	17,260	11,791	0	0	31,712
Recovery and	Sub-CLIN 7.3	5,756	26,731	26,448	0	0	58,935
Reinvestment	Sub-CLIN 7.4	0	0	0	0	0	0
Act (ARRA)							
Workscope	Sub-CLIN 7.5	539	6,943	3,268	0	0	10,750
	Sub-CLIN 7.6	0	10,832	7,213	0	0	18,045
	ARRA Cost	38,318	150,795	112,400	0	0	301,513
ARRA Sub-	ARRA Fee	2,853	11,180	8,309	0	0	22,342
Totals	ARRA Price	41,171	161,975	120,709	0	0	323,855
	Contract Cost	419,839	544,690	581,726	494,567	493,624	2,534,446
Totals	Available Ess	14,418	32,369	29,919	26,475	21,835	125,015
Totals	Available Fee	14,410	32,309	47,717	20,473	21,033	123,013

^{*}Note: In accordance with clause B.14, DOE Authorization of Work, Table B.4-1a below reflects the authorized available base fee to date:

Table B.4-1a, Authorized Available Base Fee to Date (\$'s in K)

Available Fee for	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Totals
Authorized						
CLINS	\$8,287	\$17,664	\$16,451	\$23,721	\$26,035	\$92,157

	Cont	ract Totals
Total:	Contract Cost	5,378,698
Transition, Base & Option	Available Fee	262,758
Periods	Contract Price	5,641,456

2. Update Section J.4, Attachment J.4.2, Performance Evaluation and Measurement Plan (PEMP), Page J.4.2-1 to update the Configuration Table to reflect the revision to Attachment 2 as a result of this modification. The change is as follows:

FROM:

Version	Date Approved	Summary of Changes
Original	May 12, 2010 (Modification 54)	Established FY 2010-2013 PBIs
Revision 1	July 14, 2010 (Modification 59)	Addition of PBI 3-20 through PBI 3-24
Revision 2	August 27, 2010 (Modification 66)	Addition of PBI 2.18
Revision 3	September 23, 2010 (Modification 72)	Addition of PBI 7.3 through PBI 7.6
Revision 4	January 12,2011 (Modification 87)	Update PBIs 1.1, 1.3 and 2.17
Revision 5	April 4, 2011 (Modification 101)	Increase unallocated fee pool amount
Revision 6	April 4, 2011 (Modification 102)	Misc. Changes to PBI 1, PBI 2 and PBI 3
Revision 7	April 15, 2011(Modification 105)	Increase unallocated fee pool amount
Revision 8	May 26, 2011 (Modification 109)	Increase unallocated fee pool amount
Revision 9	June 22, 2001 (Modification 111)	Adjust PBIs to reflect decrease in total available Base Period fee pool.
Revision 10	July 14, 2011 (Modification 118)	Increase unallocated fee pool amount
Revision 11	July 29, 2011 (Modification 123)	Increase unallocated fee pool amount
Revision 12	August 4, 2011 (Modification 126)	Increase unallocated fee pool amount
Revision 13	September 7, 2011 (Modification 128)	Misc. Changes to PBIs 2.6 – 2.15
Revision 14	September 23, 2011 (Modification 131)	Increase unallocated fee pool amount
Revision 15	September 29, 2011 (Modification 135)	Increase unallocated fee pool amount
Revision 16	December 29, 2011 (Modification 142)	Adjust PBI's 1.4 and 2.1 to reflect increase in total available Base Period fee pool
Revision 17	January 27, 2012 (Modification 147)	Incorporate FY12 Award Fee Plan
Revision 18	February 15, 2012 (Modification 151)	Adjust PBIs and reflect adjusted total available Base Period Fee Pool
Revision 19	March 15, 2012(Modification 158)	Add cost and fee for CLIN 3.4 – 4.4

Revision 20	April 4, 2011(Modification 163)	Increase unallocated fee pool amount
Revision 21	May 29, 2012 (Modification 167)	Adjust PBIs and reflect adjusted total available
		Base Period Fee Pool
Revision 22	July 19, 2012 (Modification 176)	Adjust PBIs and reflect adjusted total available
		Base Period Fee Pool

TO:

Version	Date Approved	Summary of Changes
Original	May 12, 2010 (Modification 54)	Established FY 2010-2013 PBIs
Revision 1	July 14, 2010 (Modification 59)	Addition of PBI 3-20 through PBI 3-24
Revision 2	August 27, 2010 (Modification 66)	Addition of PBI 2.18
Revision 3	September 23, 2010 (Modification 72)	Addition of PBI 7.3 through PBI 7.6
Revision 4	January 12,2011 (Modification 87)	Update PBIs 1.1, 1.3 and 2.17
Revision 5	April 4, 2011 (Modification 101)	Increase unallocated fee pool amount
Revision 6	April 4, 2011 (Modification 102)	Misc. Changes to PBI 1, PBI 2 and PBI 3
Revision 7	April 15, 2011(Modification 105)	Increase unallocated fee pool amount
Revision 8	May 26, 2011 (Modification 109)	Increase unallocated fee pool amount
Revision 9	June 22, 2001 (Modification 111)	Adjust PBIs to reflect decrease in total available Base Period fee pool.
Revision 10	July 14, 2011 (Modification 118)	Increase unallocated fee pool amount
Revision 11	July 29, 2011 (Modification 123)	Increase unallocated fee pool amount
Revision 12	August 4, 2011 (Modification 126)	Increase unallocated fee pool amount
Revision 13	September 7, 2011 (Modification 128)	Misc Changes to PBIs 2.6 – 2.15
Revision 14	September 23, 2011 (Modification 131)	Increase unallocated fee pool amount
Revision 15	September 29, 2011 (Modification 135)	Increase unallocated fee pool amount
Revision 16	December 29, 2011 (Modification 142)	Adjust PBI's 1.4 and 2.1 to reflect increase in total available Base Period fee pool
Revision 17	January 27, 2012 (Modification 147)	Incorporate FY12 Award Fee Plan
Revision 18	February 15, 2012 (Modification 151)	Adjust PBIs and reflect adjusted total available Base Period Fee Pool
Revision 19	March 15, 2012(Modification 158)	Add cost and fee for CLIN 3.4 – 4.4
Revision 20	April 4, 2011(Modification 163)	Increase unallocated fee pool amount
Revision 21	May 29, 2012 (Modification 167)	Adjust PBIs and reflect adjusted total available Base Period Fee Pool
Revision 22	July 19, 2012 (Modification 176)	Adjust PBIs and reflect adjusted total available Base Period Fee Pool
Revision 23	See Date of Modification 178	Increase unallocated fee pool amount

3. Update Section J.4, Attachment J.4.2, Performance Evaluation and Measurement Plan (PEMP), Page J.4.2-84, to update the Total and Available Unallocated Base Period fee. The change is as follows:

FROM:

PBI-Reserved - Unallocated Base Period Fee

The Total Unallocated Base Period Fee value is \$15,659,709. The Total Available Unallocated Base Period Fee value is \$26,171. The Total Unavailable Unallocated Base Period Fee value is \$15,633,538. Unavailable Unallocated Base Period Fee is not available to be earned. The Contractor is not entitled to this unallocated and unavailable fee.

Contract Number DE-AC27-08RV14800 Continuation Page, Modification 178

Available Unallocated Base Period Fee: \$26,171 (Mod 176)

Available Unallocated ARRA Fee: \$ 0

Total Available Unallocated Fee: \$26,171 (Mod 176)

<u>TO:</u>

PBI-Reserved - Unallocated Base Period Fee

The Total Unallocated Base Period Fee value is \$15,852,401. The Total Available Unallocated Base Period Fee value is \$191,863. The Total Unavailable Unallocated Base Period Fee value is \$15,633,538. Unavailable Unallocated Base Period Fee is not available to be earned. The Contractor is not entitled to this unallocated and unavailable fee.

Available Unallocated Base Period Fee: \$191,863 (Mod 178)

Available Unallocated ARRA Fee: \$ 0

Total Available Unallocated Fee: \$191,863 (Mod 178)

4. Update Section J, Table of Contents to reflect the revisions to Section J.4 as a result of this modification. The change is as follows:

FROM:

Attachment Number	Title of Attachment	Revision Number	Number of Pages
J.4	PERFORMANCE EVALUATION AND MEASUREMENT PLAN (PEMP)	21	113

TO:

Attachment Number	Title of Attachment	Revision Number	Number of Pages
J.4	PERFORMANCE EVALUATION AND MEASUREMENT PLAN (PEMP)	22	113

- 5. Attached to this modification are replacement pages for the following sections:
 - Section B, Pages B-6 thru B-8
 - Section J, Table of Contents, Page J.1
 - Section J.4, Attachment J.4.2, Pages J.4.2-1 and J.4.2-108
- 6. This negotiated price does not include potential adjustments to Indirect Costs and fee which may result after the Indirect Costs are negotiated under CLIN 1.2.2 reconciliation proposal.
- 7. <u>Contractor's Statement of Release</u>- In consideration of the modifications agreed to herein as complete equitable adjustments for the incorporation of Executive Order (EO) 13514, Change Order and Work Authorization for Contract Line Item Number (CLIN) 4.5 Waste Isolation and Pilot Plant (WIPP) Permits, the Waste Transfer System Required Actions or the

Contract Number DE-AC27-08RV14800 Continuation Page, Modification 178

Double Shell Tank (DST) Ventilation Upgrades Phase 1B "proposals for adjustment," the Contractor hereby releases the Government from any and all liability under this contract for further equitable adjustments attributable to such facts or circumstances giving rise to these "proposals for adjustment."

8. All other Terms and Conditions remain unchanged.

Attachment 1 DE-AC27-08RV14800, MODIFICATION 178

Replacement Page

(Total: Seven (7) including this Cover Page)

- Section B, Pages B-6 thru B-8
- Section J, Table of Contents, Page J-1
- Section J, Attachment J.4, Pages J.4.2-1 and J.4.2-108

Table B.4-1, Contract Cost and Contract Fee (\$'s in K)

				\$′S IN K) n Period – F	V 2000	Street State St. Wasterson		
CLIN 1 Base Operations	Sub- CLIN 1.1 Contract	5,494						
	Cost		5,494					
Totals	Contract Price				5,494			
			Ba	ase Period	0,434			
			10 T			FY		
			FY 2009	FY 2010	FY 2011	2012	FY 2013	Totals
CLIN 1								
Base	Sub-CLI		138,167	135,382	150,184	146,269	154,364	724,367
Operations	Sub-CLI		0	0	0	536	11	547
CLINO	Sub-CL		14,397	14,649	16,974	17,775	18,234	82,030
CLIN 2 SST Retrieval	Sub-CL	IN ∠.1	39,669	28,154	42,729	56,374	67,012	233,938
and Closure	Sub-CL	IN 2 2	12,070	14,245	22,238	27,879	10 220	05 774
CLIN 3	Sub-CL		9,725	16,257	24,005	19,840	19,338 22,172	95,771
WTP Support	Sub-CL		3,085	3,154	3,255	4,864	3,455	91,999 17,814
Cuppoit	Sub-CL		931	0,104	832	4,277	1,375	7,415
	Sub-CL		160	543	3,394	9,593	9,535	23,225
CLIN 4	Sub-CL		0	0	0	0,000	0	0
Supplemental								
Treatment	Sub-CL		0	0	0	0	0	0
	Sub-CL		0	2,500	3,677	2,158	2,211	10,546
	Sub-CL		0	0	0	0	0	0
	Sub-CL		9,590	5,759	17,101	9,923	10,222	52,595
CLIN 5	Sub-CL	IN 5.1	34,118	6,848	2,674	1,973	2,648	48,261
Early Feed								
and Operation of	Sub-CL	IN E O	0	24 447	40.000	40.450	05.070	400.050
WTP LAW	Sub-CL		0	34,417 0	49,008 0	43,452 0	35,379	162,256
Facility	Sub-CL		0	0	0	0	0	0
CLIN 6	Sub-CL		20,036	21,877	23,836	26,124	27,376	119,249
Pension and	CGD OL		20,000	21,077	20,000	20,124	21,310	113,243
Welfare Plans	Sub-CL	IN 6.2	100,827	113,582	117,716	126,066	122,161	580,352
	Contrac		382,776	393,895	469,326	494,567	495,493	2,232,933
Base Contract	Available		11,566	21,189	21,552	26,428	21,825	102,559
Sub-Totals	Contrac	t Price	393,086	415,084	490,936	521,041	515,459	2,335,606
CLIN 7	Sub-CL	IN 7.1	29,362	89,029	63,680	0	0	182,071
American	Sub-CL	IN 7.2	2,661	17,260	11,791	0	0	31,712
Recovery and	Sub-CL	IN 7.3	5,756	26,731	26,448	0	0	58,935
Reinvestment	Sub-CL	IN 7.4	0	0	0	0	0	0
Act (ARRA)	C O	INIZE	500	0.040	0.000			40
Workscope	Sub-CL		539	6,943	3,268	0	0	10,750
Y	Sub-CL		0	10,832	7,213	0	0	18,045
ADDA Ot	ARRA		38,318	150,795	112,400	0	0	301,513
ARRA Sub-	ARRA		2,853	11,180	8,309	0	0	22,342
Totals	ARRA		41,171	161,975	120,709	0	0	323,855
Totala	Contrac		419,839	544,690	581,726	494,567	493,624	2,534,446
Totals	Availabl		14,418	32,369	29,919	26,475	21,835	125,015
	Contract		434,257	577,059	611,645	521,041	515,459	2,659,461

*Note: In accordance with clause B.14, DOE Authorization of Work, Table B.4-1a below reflects the

authorized available base fee to date:

Table B.4-1a, Authorized Available Base Fee to Date (\$'s in K)

	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Totals
Available Fee for Authorized CLINS	\$8,287	\$17,664	\$16,451	\$23,721	\$26,035	\$92,157

Table B.4-1, Contract Cost and Contract Fee (continued)

		Option Period	1		
		FY 2014	FY 2015	FY 2016	Totals
CLIN 1				and the same same same same same same same sam	
Base	Sub-CLIN 1.2.1	144,916	103,523	140,858	389,296
Operations	Sub-CLIN 1.2.2	11	11	12	34
	Sub-CLIN 1.3	18,203	18,608	15,884	52,695
CLIN 2	Sub-CLIN 2.1	53,842	62,477	73,998	190,317
SST Retrieval and Closure	Sub-CLIN 2.2	14,874	15,408	8,334	38,616
CLIN 3	Sub-CLIN 3.1	24,691	18,372	20,424	63,488
WTP Support	Sub-CLIN 3.2	3,535	3,334	3,422	10,290
	Sub-CLIN 3.3	3,726	17,945	35,568	57,239
	Sub-CLIN 3.4	0	0	0	0
CLIN 4	Sub-CLIN 4.1	0	0	0	0
Supplemental Treatment	Sub-CLIN 4.2	0	0	0	0
	Sub-CLIN 4.3	2,271	2,332	2,394	6,997
	Sub-CLIN 4.4	0	0	0	0
	Sub-CLIN 4.5	3,496	3,014	0	6,510
CLIN 5	Sub-CLIN 5.1	436	0	0	436
Early Feed and Operation	Sub-CLIN 5.2	10,092	21,416	21,908	53,416
of WTP LAW	Sub-CLIN 5.3	0	0	0	0
Facility	Sub-CLIN 5.4	90,880	124,209	127,237	342,326
CLIN 6	Sub-CLIN 6.1	29,972	32,846	36,029	98,847
Pension and Benefit Plans	Sub-CLIN 6.2	123,155	118,010	113,995	355,160
	Contract Cost	524,099	541,505	600,062	1,665,666
	Available Fee	TBD by DOE	TBD by DOE	TBD by DOE	80,506
Totals	Contract Price	Total	Total	Total	1,746,172

Table B.4-1, Contract Cost and Contract Fee (continued)

Option Period 2						
		FY 2017	FY 2018	Totals		
CLIN 1						
Base	Sub-CLIN 1.2.1	174,840	166,701	341,541		
Operations	Sub-CLIN 1.2.2	12	12	24		
	Sub-CLIN 1.3	14,199	14,892	29,091		
CLIN 2	Sub-CLIN 2.1	69,945	43,603	113,548		
SST Retrieval and Closure	Sub-CLIN 2.2	4,298	2,873	7,171		
CLIN 3	Sub-CLIN 3.1	10,878	5,000	15,878		
WTP Support	Sub-CLIN 3.2	3,472	3,542	7,014		
	Sub-CLIN 3.3	25,277	19,708	44,985		
	Sub-CLIN 3.4	0	0	0		
CLIN 4	Sub-CLIN 4.1	0	0	0		
Supplemental Treatment	Sub-CLIN 4.2	0	0	0		
	Sub-CLIN 4.3	2,460	2,529	4,989		
	Sub-CLIN 4.4	0	0	0		
	Sub-CLIN 4.5	0	0	0		
CLIN 5	Sub-CLIN 5.1	0	0	0		
Early Feed and Operation	Sub-CLIN 5.2	22,412	22,928	45,340		
of WTP LAW	Sub-CLIN 5.3	0	0	0		
Facility	Sub-CLIN 5.4	131,281	134,315	265,596		
CLIN 6	Sub-CLIN 6.1	39,561	43,479	83,040		
Pension and Benefit Plans	Sub-CLIN 6.2	109,913	106,517	216,430		
	Contract Cost	607,779	565,313	1,173,092		
	Available Fee	TBD by DOE	TBD by DOE	57,237		
Totals	Contract Price	Total	Total	1,230,329		

		Contract Totals
Total:	Contract Cost	5,378,698
Transition, Base & Option	Available Fee	262,758
Periods	Contract Price	5,641,456

NOTE: Fee amounts negotiated after contract award may not be available to be earned in the annual performance period the costs and fee were negotiated. However, additional fee negotiated is put in the unallocated fee pool and is available to be earned in the future. Refer to Section J.4, Performance Evaluation Measurement Plan for details on allocation of fee pool to contract performance measures.

B.6 BASIS FOR TOTAL AVAILABLE FEE

The cost basis for Total Available Fee shall be the Total Contract Cost, excluding:

(a) Pass-through funding provided to other contractors for Hanford Site services identified in the Section J Attachment entitled, *Hanford Site Services and Interface Requirements Matrix*;

PART III – LIST OF DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS

SECTION J -- LIST OF ATTACHMENTS

TABLE OF CONTENTS

Attachment Number	Title of Attachment	Revision Number	Number of Pages
J.1	ABBREVIATIONS AND ACRONYM LIST	0	7
J.2	REQUIREMENTS SOURCES AND IMPLEMENTING DOCUMENTS	14	8
J.3	HANFORD SITE SERVICES AND INTERFACE REQUIREMENTS MATRIX	3	68
J.4	PERFORMANCE EVALUATION AND MEASUREMENT PLAN (PEMP)	22	113
J.5	PERFORMANCE GUARANTEE AGREEMENT	0	5
J.6	SMALL BUSINESS SUBCONTRACTING PLAN	0	14
J.7	SMALL DISADVANTAGED BUSINESS PARTICIPATION PROGRAM TARGETS	0	3
J.8	ADVANCE UNDERSTANDING OF COSTS	0	5
J.9	SPECIAL FINANCIAL INSTITUTION ACCOUNT AGREEMENT	1	5
J.10	WAGE DETERMINATIONS – SERVICE CONTRACT ACT (SCA) AND DAVIS-BACON ACT	1	48
J.11	SUPPLEMENTAL WORK DESCRIPTION TABLES	0	22
J.12	GOVERNMENT-FURNISHED SERVICES AND INFORMATION (GFS/I)	0	1
J.13	HANFORD SITE STRUCTURES LIST	2	66
J.14	HANFORD WASTE SITE ASSIGNMENT LIST	2	132
J.15	AMERICAN RECOVERY AND REINVESTMENT ACT (ARRA) MILESTONES AND PERFORMANCE MEASURES	3	5

Section J.4 Performance Evaluation and Measurement Plan (PEMP)

Attachment 2 - Performance Measures for Base Contract Period, Effective: FY 2010-2013

The performance measures described in this attachment provide performance criteria for the base contract period, specifically for during FY 2010-FY 2013. Section J.4, Attachment 1, contains performance measures incorporated into the contract during FY 2009 including some "multi-year" performance based incentives (PBIs) that have milestones in 2010 and 2011.

Configuration Table

	Configuration rable	
Version	Date Approved	Summary of Changes
Original	May 12, 2010 (Modification 54)	Established FY 2010-2013 PBIs
Revision 1	July 14, 2010 (Modification 59)	Addition of PBI 3-20 through PBI 3-24
Revision 2	August 27, 2010 (Modification 66)	Addition of PBI 2.18
Revision 3	September 23, 2010 (Modification 72)	Addition of PBI 7.3 through PBI 7.6
Revision 4	January 12,2011 (Modification 87)	Update PBIs 1.1, 1.3 and 2.17
Revision 5	April 4, 2011 (Modification 101)	Increase unallocated fee pool amount
Revision 6	April 4, 2011 (Modification 102)	Misc. Changes to PBI 1, PBI 2 and PBI 3
Revision 7	April 15, 2011(Modification 105)	Increase unallocated fee pool amount
Revision 8	May 26, 2011 (Modification 109)	Increase unallocated fee pool amount
Revision 9	June 22, 2001 (Modification 111)	Adjust PBIs to reflect decrease in total available Base Period fee pool.
Revision 10	July 14, 2011 (Modification 118)	Increase unallocated fee pool amount
Revision 11	July 29, 2011 (Modification 123)	Increase unallocated fee pool amount
Revision 12	August 4, 2011 (Modification 126)	Increase unallocated fee pool amount
Revision 13	September 7, 2011 (Modification 128)	Misc Changes to PBIs 2.6 – 2.15
Revision 14	September 23, 2011 (Modification 131)	Increase unallocated fee pool amount
Revision 15	September 29, 2011 (Modification 135)	Increase unallocated fee pool amount
Revision 16	December 29, 2011 (Modification 142)	Adjust PBI's 1.4 and 2.1 to reflect increase in total available Base Period fee pool
Revision 17	January 27, 2012 (Modification 147)	Incorporate FY12 Award Fee Plan
Revision 18	February 15, 2012 (Modification 151)	Adjust PBIs and reflect adjusted total available Base Period Fee Pool
Revision 19	March 15, 2012(Modification 158)	Add cost and fee for CLIN 3.4 – 4.4
Revision 20	April 4, 2011(Modification 163)	Increase unallocated fee pool amount
Revision 21	May 29, 2012 (Modification 167)	Adjust PBIs and reflect adjusted total available Base Period Fee Pool
Revision 22	July 19, 2012 (Modification 176)	Adjust PBIs and reflect adjusted total available Base Period Fee Pool
Revision 23	See Date of Modification 178	Increase unallocated fee pool amount

PBI-Reserved - Unallocated Base Period Fee

The Total Unallocated Base Period Fee value is \$15,825,401. The Total Available Unallocated Base Period Fee value is \$191,863. The Total Unavailable Unallocated Base Period Fee value is \$15,633,538. Unavailable Unallocated Base Period Fee is not available to be earned. The Contractor is not entitled to this unallocated and unavailable fee.

Available Unallocated Base Period Fee: \$191,863 (Mod 178)

Available Unallocated ARRA Fee: \$0

Total Available Unallocated Fee: \$191,863 (Mod 178)

Fee Structure: Method to be determined

Fee will be allocated to award fee or additional performance based incentives as the need is identified before the end of fiscal year 2012 for base fee, and before the end of FY 2011 for ARRA fee.

AMENDME	ENT OF SOLICITATION/MO	DIFICATION OF CONTRACT		CONTRACT ID CODE		PAGE OF PAGES
2. AMENDME	NT/MODIFICATION NO.	3. EFFECTIVE DATE	4. RE0	QUISITION/PURCHASE REQ. NO.	5. PF	1 11 ROJECT NO. (If applicable)
178		See Block 16C	ŀ			(ii applicatio)
6. ISSUED BY	(CODE 00603	7. AD	MINISTERED BY (If other than Item 6)	COD	E 00603
U.S. De Office P.O. Bo	of River Protection epartment of Energy of River Protection ox 450 and WA 99352	У	U.S Off P.O	ice of River Protec. Department of Eneice of River Protec. Box 450 H6-60	rgy	
			Ric	hland WA 99352		
8. NAME AND	ADDRESS OF CONTRACTOR (No	o., street, county, State and ZIP Code)	(x) 9A	. AMENDMENT OF SOLICITATION NO	D.	
Attn: KA C/O URS PO BOX 7	FON RIVER PROTECTI AREN VACCA ENERGY & CONSTRUC 73 / 720 PARK BLVD 0 837290073	TION, INC.	y 10	. DATED (SEE ITEM 11) A. MODIFICATION OF CONTRACT/OI E-AC27-08RV14800	RDER NO.	
			10	B. DATED (SEE ITEM 13)		A
CODE 80	6500521	FACILITY CODE	0	5/29/2008		
		11. THIS ITEM ONLY APPLIES	TO AMENDA	MENTS OF SOLICITATIONS		
CHECK ONE	A. THIS CHANGE ORDER IS ISS ORDER NO. IN ITEM 10A.	UED PURSUANT TO: (Specify authority) NTRACT/ORDER IS MODIFIED TO REFLECTED IN ITEM 14, PURSUANT TO THE	THE CHANG	SES SET FORTH IN ITEM 14 ARE MAI	DE IN THE CO	NTRACT
	C. THIS SUPPLEMENTAL AGRE	EMENT IS ENTERED INTO PURSUANT	TO AUTHOR	TY OF:		
Х	FAR 52.243-2 Chan	ges-Cost Reimbursemer	nt (AUG	1984)		
,	D. OTHER (Specify type of modified	cation and authority)				
E. IMPORTANT		. · · · · · · · · · · · · · · · · · · ·			issuing office.	
14. DESCRIPT	FION OF AMENDMENT/MODIFICATION of AMENDMENT/MODIFICATION pages.	TION (Organized by UCF section heading	gs, including s	olicitation/contract subject matter when	e feasible.)	
		/20/2008 to 09/30/201	L3			
xcept as provided to the second secon	ided herein, all terms and conditions D TITLE OF SIGNER (Type or print	s of the document referenced in Item 9A o		etofore changed, remains unchanged a IAME AND TITLE OF CONTRACTING		
	<* :	,	-		OFFICER (/y	ue or printy
Λ			ısus	an E. Bechtol		
5B. CONTRAC	TOR/OFFEROR	15C. DATE SIGNE		NITED STATES OF AMERICA		16C. DATE SIGNED

(Signature Operson authorized to sign)
NSN 7540-01-152-8070
Previous edition unusable

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

Purpose of Modification:

The purpose of this supplemental agreement is to definitize the following change orders and request for equitable adjustment in accordance with FAR 52.243-2, Changes-Cost Reimbursement (AUG 1984):

- Modification 96, dated 02/28/11, Change Order to incorporate Executive Order (EO) 13514 (11-AMD-064)
- Request for Equitable Adjustment (REA) for the Waste Transfer System Required Actions (WRPS-1104249 R2, dated 11/16/11)
- Modification 148, dated 01/09/12, Change Order to begin work on the Double Shell Tank (DST) Ventilation Upgrades Phase 1B (12-AMD-0013)
- 1. Update Section B as follows:
 - 1.1 Incorporate costs and fee for the DST Ventilation Upgrades Phase 1B. The addition of this new scope increases the costs by sub-CLINs and fee as follows:

Double Shell Tank Ventilation Phase 1B	FY2012	Total
CLIN 1.2.1-Base Operations Direct Costs	\$1,470,643	\$1,470,643
CLIN 1.2.2-Base Operations Indirect Costs	\$236,375	\$236,375
CLIN 6.1-Hanford Employee Retirement and Benefit Plan Management	\$105,193	\$105,193
Fee increase (pool) @ 8%	\$136,561	\$136,561
Total Increase Cost plus Fee Double Shell Tank Ventilation Phase 1B	\$1,948,772	\$1,948,772

1.2 Incorporate costs and fee for the removal and storage of the Waste Transfer System Required Actions. The addition of this new scope increases the costs by sub-CLIN and fee as follows:

Waste Transfer System	FY2012	Total
CLIN 1.2.1-Base Operations Direct Costs	\$119,149	\$119,149
CLIN 1.2.2-Base Operations Indirect Costs	\$19,252	\$19,252
CLIN 6.1-Hanford Employee Retirement and Benefit Plan Management	\$9,199	\$9,199
Fee increase (pool) @ 7.5%	\$10,380	\$10,380
Total increase Cost plus Fee Waste Transfer System	\$157,980	\$157,980

1.3 Incorporate costs and fee for the incorporation of EO 13514 through April 23rd, 2012. All costs related to the incorporation of EO 13514 that were incurred after April 23rd,

2012 will be negotiated with the proposal submitted for the incorporation of Department of Energy (DOE) Order (O) 436.1, Departmental Sustainability. The addition of this new scope increases the costs by sub-CLIN and fee as follows:

EO 13514	FY2010	FY2011	FY2012	Total
CLIN 1.2.1 -Direct Costs	\$31,748	\$32,366	\$1086	\$65,200
CLIN 1.2.2- Indirect Costs	\$0	\$0	\$184	\$184
CLIN 6.1 Hanford Employee Retirement Benefit Plan Management	\$0	\$0	\$140	\$140
Fee increase (pool) @ 7.5%	\$2,381	\$2,427	\$95	\$4,904
Total	\$34,129	\$34,793	\$1,505	\$70,428

- 1.4 Update Table B.4-1a, Authorized Available Base Fee to Date to do the following:
 - Correct an error in the Total of the Table B.4-1a. The previous modification showed the sum Total of all FY's to be \$82,788, however when you add the numbers together it should read \$82,791. The revised total of \$82,791 was used as the starting point for this modification.
 - Incorporate fee for the WIPP Permits. The contract was originally awarded with a fee rate of 7.5%. Modification 133, dated 09/26/11, was a Change Order and Work Authorization for Contract Line Item Number (CLIN) 4.5 Waste Isolation and Pilot Plant (WIPP) Permits (11-AMD-239). WRPS did not include fee in their proposal for this authorized work. However, the contractor is entitled to fee on this work, so this modification adds fee at a rate of 7.5%, which is the original fee rate at contract award, to the negotiated costs of \$184,632, for a total of \$13,847 in fee which will be added to the B.4-1a table in FY 2012.
 - Add fee in the amount of \$9,175,000 that was released in Modification 176, (12-CPM-0089) but was inadvertently not added to the Table B.4-1a. Fee in the amount of \$1,350,000 for FY 2012 and \$7,825,000 for FY 2013 is added to the available fee pool for authorized work, in addition to the fee in the amount of \$151,845 added from the above changes in this modification.
 - The total amount of fee being added to the Table B.4-1a in this modification is \$9,340,645. The change is as follows:

FROM:

Table B.4-1a, Authorized Available Base Fee to Date

			(\$'s in K)			
Available Fee	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Totals
for Authorized						
CLINS	\$8,287	\$17,659	\$16,448	\$22,177	\$18,215	\$82,788

<u>TO:</u>

Table B.4-1a, Authorized Available Base Fee to Date
(\$\s^2\$s in K)

			(4 2 m iz)			
Available Fee	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Totals
for Authorized						
CLINS	\$8,287	\$17,666	\$16,450	\$23,688	\$26,040	\$92,132

1.5 Update Section B, B.4-1 Table to incorporate the above changes from this modification.

The total cost and fee being added as a result of these negotiated changes is \$2,177,180. The Total Contract Price is changed from \$5,639,278,598 to \$5,641,455,778. Section B, Table B.4-1 sub-CLIN 1.2.1, sub-CLIN 1.2.2 and sub-CLIN 6.1 and Total Contract Price are changed as follows:

				TOTAL
	FY10	FY11	FY12	Contract
TOTAL CLIN 1.2.1 -Direct Costs	\$31,748	\$32,366	\$1,590,878	\$1,654,992
TOTAL CLIN 1.2.2- Indirect Costs	\$0	\$0	\$255,811	\$255,811
Subtotal CLIN 1.2	\$31,748	\$32,366	\$1,846,689	\$1,910,803
TOTAL CLIN 6.1 Hanford Employee Retirement Benefit Plan Management	\$0	\$0	\$114,532	\$114,532
TOTAL COSTS	\$31,748	\$32,366	\$1,961,221	\$2,025,335
TOTAL Fee	\$2,381	\$2,427	\$147,037	\$151,845
TOTAL CHANGE CONTRACT VALUE	\$34,129	\$34,793	\$2,108,258	\$2,177,180

FROM:

Table B.4-1, Contract Cost and Contract Fee (\$'s in K)

		Transition Period – FY 2008
CLIN 1 Base	Sub-	
Operations	CLIN 1.1	5,494
	Contract	
	Cost	5,494
Totals	Contract	5,494

	Price						
			ase Period				
		FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Totals
CLIN 1							
Base	Sub-CLIN 1.2.1	138,167	135,350	150,152	144,678	154,364	722,712
Operations	Sub-CLIN 1.2.2	0	0	0	280	11	291
	Sub-CLIN 1.3	14,397	14,649	16,974	17,775	18,234	82,030
CLIN 2	Sub-CLIN 2.1	39,669	28,154	42,729	56,374	67,012	233,938
SST Retrieval							
and Closure	Sub-CLIN 2.2	12,070	14,245	22,238	27,879	19,338	95,771
CLIN 3	Sub-CLIN 3.1	9,725	16,257	24,005	19,840	22,172	91,999
WTP Support	Sub-CLIN 3.2	3,085	3,154	3,255	4,864	3,455	17,814
	Sub-CLIN 3.3	931	0	832	4,277	1,375	7,415
	Sub-CLIN 3.4	160	543	3,394	9,593	9,535	23,225
CLIN 4	Sub-CLIN 4.1	0	0	0	0	0	0
Supplemental							
Treatment	Sub-CLIN 4.2	0	0	0	0	0	0
	Sub-CLIN 4.3	0	2,500	3,677	2,158	2,211	10,546
	Sub-CLIN 4.4	0	0	0	0	0	0
	Sub-CLIN 4.5	9,590	5,759	17,101	9,923	10,222	52,595
CLIN 5	Sub-CLIN 5.1	34,118	6,848	2,674	1,973	2,648	48,261
Early Feed and							
Operation of	Sub-CLIN 5.2	0	34,417	49,008	43,452	35,379	162,256
WTP LAW	Sub-CLIN 5.3	0	0	0	0	0	0
Facility	Sub-CLIN 5.4	0	0	0	0	0	0
CLIN 6	Sub-CLIN 6.1	20,036	21,877	23,836	26,010	27,376	119,135
Pension and							
Welfare Plans	Sub-CLIN 6.2	100,827	113,582	117,716	126,066	122,161	580,352
	Contract Cost	382,776	397,335	477,591	495,144	495,493	2,248,339
Base Contract	Available Fee*	11,566	21,187	21,550	26,281	21,825	102,407
Sub-Totals	Contract Price	393,086	415,050	490,901	518,933	515,459	2,333,429
CLIN 7	Sub-CLIN 7.1	29,362	89,029	63,680	0	0	182,071
American	Sub-CLIN 7.2	2,661	17,260	11,791	0	0	31,712
Recovery and	Sub-CLIN 7.3	5,756	26,731	26,448	0	0	58,935
Reinvestment	Sub-CLIN 7.4	0	0	0	0	0	0
Act (ARRA)	G 1 GT 7 7 7				_	_	
Workscope	Sub-CLIN 7.5	539	6,943	3,268	0	0	10,750
	Sub-CLIN 7.6	0	10,832	7,213	0	0	18,045
	ARRA Cost	38,318	150,795	112,400	0	0	301,513
ARRA Sub-	ARRA Fee	2,853	11,180	8,309	0	0	22,342
Totals	ARRA Price	41,171	161,975	120,709	0	0	323,855
	Contract Cost	419,839	544,659	492,605	493,624	2,532,421	492,605
Totals	Available Fee	14,418	32,366	26,328	21,835	124,863	26,328
	Contract Price	434,257	577,025	518,933	515,459	2,657,284	518,933

*Note: In accordance with clause B.14, DOE Authorization of Work, Table B.4-1a below reflects the authorized available base fee to date:

Table B.4-1a, Authorized Available Base Fee to Date (\$'s in K)

Available Fee for	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Totals
Authorized						
CLINS	\$8,287	\$17,659	\$16,448	\$22,177	\$18,215	\$82,788

		Contract Totals
Total:	Contract Cost	5,376,673
Transition, Base & Option	Available Fee	262,606
Periods	Contract Price	5,639,279

<u>TO:</u>

Table B.4-1, Contract Cost and Contract Fee (\$'s in K)

		4.5	Transition	Period – F	Y 2008				
	Sub-								
CLIN 1 Base	CLIN								
Operations	1.1				5,494				
	Contract							***************************************	
	Cost		5,494						
	Contract				***************************************		2 2000		
Totals	Price				5,494				
	10 10 10 10 10 10 10 10 10 10 10 10 10 1		Ba	ase Period					
			FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Totals	
CLIN 1									
Base	Sub-CLI	N 1.2.1	138,167	135,382	150,184	146,269	154,364	724,367	
O perations	Sub-CLI	N 1.2.2	0	0	0	536	11	547	
	Sub-CL	IN 1.3	14,397	14,649	16,974	17,775	18,234	82,030	
CLIN 2	Sub-CL	IN 2.1	39,669	28,154	42,729	56,374	67,012	233,938	
SST Retrieval									
and Closure	Sub-CL	IN 2.2	12,070	14,245	22,238	27,879	19,338	95,771	

Page 6 of 11

Contract Number DE-AC27-08RV14800 Continuation Page, Modification 178

CLIN 3	Sub-CLIN 3.1	9,725	16,257	24,005	19,840	22,172	91,999
WTP Support	Sub-CLIN 3.2	3,085	3,154	3,255	4,864	3,455	17,814
	Sub-CLIN 3.3	931	0	832	4,277	1,375	7,415
	Sub-CLIN 3.4	160	543	3,394	9,593	9,535	23,225
CLIN 4	Sub-CLIN 4.1	0	0	0	0	0	0
Supplemental							
Treatment	Sub-CLIN 4.2	0	0	0	0	0	0
	Sub-CLIN 4.3	0	2,500	3,677	2,158	2,211	10,546
_	Sub-CLIN 4.4	0	0	0	0	0	0
	Sub-CLIN 4.5	9,590	5,759	17,101	9,923	10,222	52,595
CLIN 5	Sub-CLIN 5.1	34,118	6,848	2,674	1,973	2,648	48,261
Early Feed							
and Operation							
of	Sub-CLIN 5.2	0	34,417	49,008	43,452	35,379	162,256
WTP LAW	Sub-CLIN 5.3	0	0	0	0	0	0
Facility	Sub-CLIN 5.4	0	0	0	0	0	0
CLIN 6	Sub-CLIN 6.1	20,036	21,877	23,836	26,010	27,376	119,135
Pension and							
Welfare Plans	Sub-CLIN 6.2	100,827	113,582	117,716	126,066	122,161	580,352
	Contract Cost	382,776	393,895	469,326	494,567	495,493	2,232,933
Base Contract	Available Fee*	11,566	21,189	21,552	26,428	21,825	102,559
Sub-Totals	Contract Price	393,086	415,084	490,936	521,041	515,459	2,335,606
CLIN 7	Sub-CLIN 7.1	29,362	89,029	63,680	0	0	182,071
American	Sub-CLIN 7.2	2,661	17,260	11,791	0	0	31,712
Recovery and	Sub-CLIN 7.3	5,756	26,731	26,448	0	0	58,935
Reinvestment	Sub-CLIN 7.4	0	0	0	0	0	0
Act (ARRA)							***************************************
Workscope	Sub-CLIN 7.5	539	6,943	3,268	0	0	10,750
	Sub-CLIN 7.6	0	10,832	7,213	0	0	18,045
	ARRA Cost	38,318	150,795	112,400	0	0	301,513
ARRA Sub-	ARRA Fee	2,853	11,180	8,309	0	0	22,342
Totals	ARRA Price	41,171	161,975	120,709	0	0	323,855
	Contract Cost	419,839	544,690	581,726	494,567	493,624	2,534,446
			20.260	20.010	26 177	21.025	105.015
Totals	Available Fee	14,418	32,369	29,919	26,475	21,835	125,015

*Note: In accordance with clause B.14, DOE Authorization of Work, Table B.4-1a below reflects the authorized available base fee to date:

Table B.4-1a, Authorized Available Base Fee to Date (\$'s in K)

Available Fee for	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Totals
Authorized						
CLINS	\$8,287	\$17,664	\$16,451	\$23,721	\$26,035	\$92,157

		Contract Totals
Total:	Contract Cost	5,378,698
Transition, Base & Option Periods	Available Fee	262,758
	ds Contract Price	5,641,456

2. Update Section J.4, Attachment J.4.2, Performance Evaluation and Measurement Plan (PEMP), Page J.4.2-1 to update the Configuration Table to reflect the revision to Attachment 2 as a result of this modification. The change is as follows:

FROM:

Version	Date Approved	Summary of Changes
Original	May 12, 2010 (Modification 54)	Established FY 2010-2013 PBIs
Revision 1	July 14, 2010 (Modification 59)	Addition of PBI 3-20 through PBI 3-24
Revision 2	August 27, 2010 (Modification 66)	Addition of PBI 2.18
Revision 3	September 23, 2010 (Modification 72)	Addition of PBI 7.3 through PBI 7.6
Revision 4	January 12,2011 (Modification 87)	Update PBIs 1.1, 1.3 and 2.17
Revision 5	April 4, 2011 (Modification 101)	Increase unallocated fee pool amount
Revision 6	April 4, 2011 (Modification 102)	Misc. Changes to PBI 1, PBI 2 and PBI 3
Revision 7	April 15, 2011(Modification 105)	Increase unallocated fee pool amount
Revision 8	May 26, 2011 (Modification 109)	Increase unallocated fee pool amount
Revision 9	June 22, 2001 (Modification 111)	Adjust PBIs to reflect decrease in total available Base Period fee pool.
Revision 10	July 14, 2011 (Modification 118)	Increase unallocated fee pool amount
Revision 11	July 29, 2011 (Modification 123)	Increase unallocated fee pool amount
Revision 12	August 4, 2011 (Modification 126)	Increase unallocated fee pool amount
Revision 13	September 7, 2011 (Modification 128)	Misc. Changes to PBIs 2.6 – 2.15
Revision 14	September 23, 2011 (Modification 131)	Increase unallocated fee pool amount
Revision 15	September 29, 2011 (Modification 135)	Increase unallocated fee pool amount
Revision 16	December 29, 2011 (Modification 142)	Adjust PBI's 1.4 and 2.1 to reflect increase in total available Base Period fee pool
Revision 17	January 27, 2012 (Modification 147)	Incorporate FY12 Award Fee Plan
Revision 18	February 15, 2012 (Modification 151)	Adjust PBIs and reflect adjusted total available Base Period Fee Pool
Revision 19	March 15, 2012(Modification 158)	Add cost and fee for CLIN 3.4 – 4.4

Revision 20	April 4, 2011(Modification 163)	Increase unallocated fee pool amount
Revision 21	May 29, 2012 (Modification 167)	Adjust PBIs and reflect adjusted total available
		Base Period Fee Pool
Revision 22	July 19, 2012 (Modification 176)	Adjust PBIs and reflect adjusted total available
		Base Period Fee Pool

<u>TO:</u>

Version	Date Approved	Summary of Changes
Original	May 12, 2010 (Modification 54)	Established FY 2010-2013 PBIs
Revision 1	July 14, 2010 (Modification 59)	Addition of PBI 3-20 through PBI 3-24
Revision 2	August 27, 2010 (Modification 66)	Addition of PBI 2.18
Revision 3	September 23, 2010 (Modification 72)	Addition of PBI 7.3 through PBI 7.6
Revision 4	January 12,2011 (Modification 87)	Update PBIs 1.1, 1.3 and 2.17
Revision 5	April 4, 2011 (Modification 101)	Increase unallocated fee pool amount
Revision 6	April 4, 2011 (Modification 102)	Misc. Changes to PBI 1, PBI 2 and PBI 3
Revision 7	April 15, 2011(Modification 105)	Increase unallocated fee pool amount
Revision 8	May 26, 2011 (Modification 109)	Increase unallocated fee pool amount
Revision 9	June 22, 2001 (Modification 111)	Adjust PBIs to reflect decrease in total available Base Period fee pool.
Revision 10	July 14, 2011 (Modification 118)	Increase unallocated fee pool amount
Revision 11	July 29, 2011 (Modification 123)	Increase unallocated fee pool amount
Revision 12	August 4, 2011 (Modification 126)	Increase unallocated fee pool amount
Revision 13	September 7, 2011 (Modification 128)	Misc Changes to PBIs 2.6 – 2.15
Revision 14	September 23, 2011 (Modification 131)	Increase unallocated fee pool amount
Revision 15	September 29, 2011 (Modification 135)	Increase unallocated fee pool amount
Revision 16	December 29, 2011 (Modification 142)	Adjust PBI's 1.4 and 2.1 to reflect increase in total available Base Period fee pool
Revision 17	January 27, 2012 (Modification 147)	Incorporate FY12 Award Fee Plan
Revision 18	February 15, 2012 (Modification 151)	Adjust PBIs and reflect adjusted total available Base Period Fee Pool
Revision 19	March 15, 2012(Modification 158)	Add cost and fee for CLIN 3.4 – 4.4
Revision 20	April 4, 2011(Modification 163)	Increase unallocated fee pool amount
Revision 21	May 29, 2012 (Modification 167)	Adjust PBIs and reflect adjusted total available Base Period Fee Pool
Revision 22	July 19, 2012 (Modification 176)	Adjust PBIs and reflect adjusted total available Base Period Fee Pool
Revision 23	See Date of Modification 178	Increase unallocated fee pool amount

3. Update Section J.4, Attachment J.4.2, Performance Evaluation and Measurement Plan (PEMP), Page J.4.2-84, to update the Total and Available Unallocated Base Period fee. The change is as follows:

FROM:

PBI-Reserved - Unallocated Base Period Fee

The Total Unallocated Base Period Fee value is \$15,659,709. The Total Available Unallocated Base Period Fee value is \$26,171. The Total Unavailable Unallocated Base Period Fee value is \$15,633,538. Unavailable Unallocated Base Period Fee is not available to be earned. The Contractor is not entitled to this unallocated and unavailable fee.

Contract Number DE-AC27-08RV14800 Continuation Page, Modification 178

Available Unallocated Base Period Fee: \$26,171 (Mod 176)

Available Unallocated ARRA Fee: \$ 0

Total Available Unallocated Fee: \$26,171 (Mod 176)

TO:

PBI-Reserved - Unallocated Base Period Fee

The Total Unallocated Base Period Fee value is \$15,852,401. The Total Available Unallocated Base Period Fee value is \$191,863. The Total Unavailable Unallocated Base Period Fee value is \$15,633,538. Unavailable Unallocated Base Period Fee is not available to be earned. The Contractor is not entitled to this unallocated and unavailable fee.

Available Unallocated Base Period Fee: \$191,863 (Mod 178)

Available Unallocated ARRA Fee: \$ 0

Total Available Unallocated Fee: \$191,863 (Mod 178)

4. Update Section J, Table of Contents to reflect the revisions to Section J.4 as a result of this modification. The change is as follows:

FROM:

Attachment Number	Title of Attachment	Revision Number	Number of Pages
J.4	PERFORMANCE EVALUATION AND MEASUREMENT PLAN (PEMP)	21	113

TO:

Attachment Number	Title of Attachment	Revision Number	Number of Pages
J.4	PERFORMANCE EVALUATION AND MEASUREMENT PLAN (PEMP)	22	113

- 5. Attached to this modification are replacement pages for the following sections:
 - Section B, Pages B-6 thru B-8
 - Section J, Table of Contents, Page J.1
 - Section J.4, Attachment J.4.2, Pages J.4.2-1 and J.4.2-108
- 6. This negotiated price does not include potential adjustments to Indirect Costs and fee which may result after the Indirect Costs are negotiated under CLIN 1.2.2 reconciliation proposal.
- 7. <u>Contractor's Statement of Release</u>- In consideration of the modifications agreed to herein as complete equitable adjustments for the incorporation of Executive Order (EO) 13514, Change Order and Work Authorization for Contract Line Item Number (CLIN) 4.5 Waste Isolation and Pilot Plant (WIPP) Permits, the Waste Transfer System Required Actions or the

Contract Number DE-AC27-08RV14800 Continuation Page, Modification 178

Double Shell Tank (DST) Ventilation Upgrades Phase 1B "proposals for adjustment," the Contractor hereby releases the Government from any and all liability under this contract for further equitable adjustments attributable to such facts or circumstances giving rise to these "proposals for adjustment."

8. All other Terms and Conditions remain unchanged.

Attachment 1 DE-AC27-08RV14800, MODIFICATION 178

Replacement Page

(Total: Seven (7) including this Cover Page)

- Section B, Pages B-6 thru B-8
- Section J, Table of Contents, Page J-1
- Section J, Attachment J.4, Pages J.4.2-1 and J.4.2-108

Table B.4-1, Contract Cost and Contract Fee (\$'s in K)

				\$'s in K)	V 0000	Santa este de talance e est			
CLIN 1 Base	Sub-		Iransition	Period – F	Y 2008				
Operations	CLIN 1.1	IN 1.1 5,494							
	Contract Cost				5,494				
Totals	Contract Price				5,494				
	Base Period								
						FY			
01.01.4			FY 2009	FY 2010	FY 2011	2012	FY 2013	Totals	
CLIN 1	0.4.01.0		400 407	407.000	450 404	440.000			
Base	Sub-CLII		138,167	135,382	150,184	146,269	154,364	724,367	
Operations	Sub-CLII		0	0	0	536	11	547	
CLIN 2	Sub-CL		14,397	14,649	16,974	17,775	18,234	82,030	
SST Retrieval	Sub-CL	HN Z. I	39,669	28,154	42,729	56,374	67,012	233,938	
and Closure	Sub-CL	IN 2 2	12,070	14,245	22,238	27,879	19,338	95,771	
CLIN 3	Sub-CL		9,725	16,257	24,005	19,840	22,172	91,999	
WTP Support	Sub-CL		3,085	3,154	3,255	4,864	3,455	17,814	
	Sub-CL		931	0,104	832	4,277	1,375	7,415	
	Sub-CL		160	543	3,394	9,593	9,535	23,225	
CLIN 4	Sub-CL	IN 4.1	0	0	0	0	0,000	0	
Supplemental									
Treatment	Sub-CL		0	0	0	0	0	0	
	Sub-CL		0	2,500	3,677	2,158	2,211	10,546	
	Sub-CL		0	0	0	0	0	0	
	Sub-CL		9,590	5,759	17,101	9,923	10,222	52,595	
CLIN 5	Sub-CL	IN 5.1	34,118	6,848	2,674	1,973	2,648	48,261	
Early Feed									
and Operation	Cult Old	N.CO		04.447	40.000	40.450	0= 0=0		
of WTP LAW	Sub-CL Sub-CL		0	34,417	49,008	43,452	35,379	162,256	
Facility	Sub-CL		0	0	0	0	0	0	
CLIN 6	Sub-CLI		20,036	21,877	23,836	26,124	27.276	140 240	
Pension and	OUD-OL	11 0.1	20,030	21,011	23,030	20,124	27,376	119,249	
Welfare Plans	Sub-CLI	N62	100,827	113,582	117,716	126,066	122,161	580,352	
	Contrac		382,776	393,895	469,326	494,567	495,493	2,232,933	
Base Contract	Available		11,566	21,189	21,552	26,428	21,825	102,559	
Sub-Totals	Contract		393,086	415,084	490,936	521,041	515,459	2,335,606	
CLIN 7	Sub-CLI		29,362	89,029	63,680	0	070,409	182,071	
American	Sub-CLI		2,661	17,260	11,791	0	0	31,712	
Recovery and	Sub-CLI		5,756	26,731	26,448	0	0	58,935	
Reinvestment	Sub-CLI		0	0	0	0	0	0	
Act (ARRA)						<u> </u>	3		
Workscope	Sub-CLI		539	6,943	3,268	0	0	10,750	
z.	Sub-CLI		0	10,832	7,213	0	0	18,045	
	ARRA		38,318	150,795	112,400	0	0	301,513	
ARRA Sub-	ARRA		2,853	11,180	8,309	0	0	22,342	
Totals	ARRA I		41,171	161,975	120,709	0	0	323,855	
	Contract		419,839	544,690	581,726	494,567	493,624	2,534,446	
Totals	Availabl		14,418	32,369	29,919	26,475	21,835	125,015	
	Contract		434,257	577,059	611,645	521,041	515,459	2,659,461	

*Note: In accordance with clause B.14, DOE Authorization of Work, Table B.4-1a below reflects the

authorized available base fee to date:

Table B.4-1a, Authorized Available Base Fee to Date (\$'s in K)

	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Totals
Available Fee for						
Authorized CLINS	\$8,287	\$17,664	\$16,451	\$23,721	\$26,035	\$92,157

Table B.4-1, Contract Cost and Contract Fee (continued)

		Option Period	1		
		FY 2014	FY 2015	FY 2016	Totals
CLIN 1					And the second s
Base	Sub-CLIN 1.2.1	144,916	103,523	140,858	389,296
Operations	Sub-CLIN 1.2.2	11	11	12	34
	Sub-CLIN 1.3	18,203	18,608	15,884	52,695
CLIN 2	Sub-CLIN 2.1	53,842	62,477	73,998	190,317
SST Retrieval and Closure	Sub-CLIN 2.2	14,874	15,408	8,334	38,616
CLIN 3	Sub-CLIN 3.1	24,691	18,372	20,424	63,488
WTP Support	Sub-CLIN 3.2	3,535	3,334	3,422	10,290
	Sub-CLIN 3.3	3,726	17,945	35,568	57,239
	Sub-CLIN 3.4	0	0	0	0
CLIN 4	Sub-CLIN 4.1	0	0	0	0
Supplemental Treatment	Sub-CLIN 4.2	0	0	0	0
	Sub-CLIN 4.3	2,271	2,332	2,394	6,997
	Sub-CLIN 4.4	0	0	0	0
	Sub-CLIN 4.5	3,496	3,014	0	6,510
CLIN 5	Sub-CLIN 5.1	436	0	0	436
Early Feed and Operation	Sub-CLIN 5.2	10,092	21,416	21,908	53,416
of WTP LAW	Sub-CLIN 5.3	0	0	0	0
Facility	Sub-CLIN 5.4	90,880	124,209	127,237	342,326
CLIN 6	Sub-CLIN 6.1	29,972	32,846	36,029	98,847
Pension and Benefit Plans	Sub-CLIN 6.2	123,155	118,010	113,995	355,160
	Contract Cost	524,099	541,505	600,062	1,665,666
	Available Fee	TBD by DOE	TBD by DOE	TBD by DOE	80,506
Totals	Contract Price	Total	Total	Total	1,746,172

Table B.4-1, Contract Cost and Contract Fee (continued)

	Option Period 2			
		FY 2017	FY 2018	Totals
CLIN 1				
Base	Sub-CLIN 1.2.1	174,840	166,701	341,541
Operations	Sub-CLIN 1.2.2	12	12	24
	Sub-CLIN 1.3	14,199	14,892	29,091
CLIN 2	Sub-CLIN 2.1	69,945	43,603	113,548
SST Retrieval and Closure	Sub-CLIN 2.2	4,298	2,873	7,171
CLIN 3	Sub-CLIN 3.1	10,878	5,000	15,878
WTP Support	Sub-CLIN 3.2	3,472	3,542	7,014
	Sub-CLIN 3.3	25,277	19,708	44,985
	Sub-CLIN 3.4	0	0	0
CLIN 4	Sub-CLIN 4.1	0	0	0
Supplemental Treatment	Sub-CLIN 4.2	0	0	0
	Sub-CLIN 4.3	2,460	2,529	4,989
	Sub-CLIN 4.4	0	0	0
	Sub-CLIN 4.5	0	0	0
CLIN 5	Sub-CLIN 5.1	0	0	0
Early Feed and Operation	Sub-CLIN 5.2	22,412	22,928	45,340
of WTP LAW	Sub-CLIN 5.3	0	0	0
Facility	Sub-CLIN 5.4	131,281	134,315	265,596
CLIN 6	Sub-CLIN 6.1	39,561	43,479	83,040
Pension and Benefit Plans	Sub-CLIN 6.2	109,913	106,517	216,430
	Contract Cost	607,779	565,313	1,173,092
	Available Fee	TBD by DOE	TBD by DOE	57,237
Totals	Contract Price	Total	Total	1,230,329

	Co	ontract Totals
Total:	Contract Cost	5,378,698
Transition, Base & Option	Available Fee	262,758
Periods	Contract Price	5,641,456

NOTE: Fee amounts negotiated after contract award may not be available to be earned in the annual performance period the costs and fee were negotiated. However, additional fee negotiated is put in the unallocated fee pool and is available to be earned in the future. Refer to Section J.4, Performance Evaluation Measurement Plan for details on allocation of fee pool to contract performance measures.

B.6 BASIS FOR TOTAL AVAILABLE FEE

The cost basis for Total Available Fee shall be the Total Contract Cost, excluding:

(a) Pass-through funding provided to other contractors for Hanford Site services identified in the Section J Attachment entitled, *Hanford Site Services and Interface Requirements Matrix;*

PART III – LIST OF DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS SECTION J -- LIST OF ATTACHMENTS

TABLE OF CONTENTS

Attachment Number	Title of Attachment	Revision Number	Number of Pages
J.1	ABBREVIATIONS AND ACRONYM LIST	0	7
J.2	REQUIREMENTS SOURCES AND IMPLEMENTING DOCUMENTS	14	8
J.3	HANFORD SITE SERVICES AND INTERFACE REQUIREMENTS MATRIX	3	68
J.4	PERFORMANCE EVALUATION AND MEASUREMENT PLAN (PEMP)	22	113
J.5	PERFORMANCE GUARANTEE AGREEMENT	0	5
J.6	SMALL BUSINESS SUBCONTRACTING PLAN	0	14
J.7	SMALL DISADVANTAGED BUSINESS PARTICIPATION PROGRAM TARGETS	0	3
J.8	ADVANCE UNDERSTANDING OF COSTS	0	5
J.9	SPECIAL FINANCIAL INSTITUTION ACCOUNT AGREEMENT	1	5
J.10	WAGE DETERMINATIONS – SERVICE CONTRACT ACT (SCA) AND DAVIS-BACON ACT	1	48
J.11	SUPPLEMENTAL WORK DESCRIPTION TABLES	0	22
J.12	GOVERNMENT-FURNISHED SERVICES AND INFORMATION (GFS/I)	0	1
J.13	HANFORD SITE STRUCTURES LIST	2	66
J.14	HANFORD WASTE SITE ASSIGNMENT LIST	2	132
J.15	AMERICAN RECOVERY AND REINVESTMENT ACT (ARRA) MILESTONES AND PERFORMANCE MEASURES	3	5

Section J.4 Performance Evaluation and Measurement Plan (PEMP)

Attachment 2 - Performance Measures for Base Contract Period, Effective: FY 2010-2013

The performance measures described in this attachment provide performance criteria for the base contract period, specifically for during FY 2010-FY 2013. Section J.4, Attachment 1, contains performance measures incorporated into the contract during FY 2009 including some "multi-year" performance based incentives (PBIs) that have milestones in 2010 and 2011.

Configuration Table

Configuration Table					
Version	Date Approved	Summary of Changes			
Original	May 12, 2010 (Modification 54)	Established FY 2010-2013 PBIs			
Revision 1	July 14, 2010 (Modification 59)	Addition of PBI 3-20 through PBI 3-24			
Revision 2	August 27, 2010 (Modification 66)	Addition of PBI 2.18			
Revision 3	September 23, 2010 (Modification 72)	Addition of PBI 7.3 through PBI 7.6			
Revision 4	January 12,2011 (Modification 87)	Update PBIs 1.1, 1.3 and 2.17			
Revision 5	April 4, 2011 (Modification 101)	Increase unallocated fee pool amount			
Revision 6	April 4, 2011 (Modification 102)	Misc. Changes to PBI 1, PBI 2 and PBI 3			
Revision 7	April 15, 2011(Modification 105)	Increase unallocated fee pool amount			
Revision 8	May 26, 2011 (Modification 109)	Increase unallocated fee pool amount			
Revision 9	June 22, 2001 (Modification 111)	Adjust PBIs to reflect decrease in total available Base Period fee pool.			
Revision 10	July 14, 2011 (Modification 118)	Increase unallocated fee pool amount			
Revision 11	July 29, 2011 (Modification 123)	Increase unallocated fee pool amount			
Revision 12	August 4, 2011 (Modification 126)	Increase unallocated fee pool amount			
Revision 13	September 7, 2011 (Modification 128)	Misc Changes to PBIs 2.6 – 2.15			
Revision 14	September 23, 2011 (Modification 131)	Increase unallocated fee pool amount			
Revision 15	September 29, 2011 (Modification 135)	Increase unallocated fee pool amount			
Revision 16	December 29, 2011 (Modification 142)	Adjust PBI's 1.4 and 2.1 to reflect increase in total available Base Period fee pool			
Revision 17	January 27, 2012 (Modification 147)	Incorporate FY12 Award Fee Plan			
Revision 18	February 15, 2012 (Modification 151)	Adjust PBIs and reflect adjusted total available Base Period Fee Pool			
Revision 19	March 15, 2012(Modification 158)	Add cost and fee for CLIN 3.4 – 4.4			
Revision 20	April 4, 2011(Modification 163)	Increase unallocated fee pool amount			
Revision 21	May 29, 2012 (Modification 167)	Adjust PBIs and reflect adjusted total available Base Period Fee Pool			
Revision 22	July 19, 2012 (Modification 176)	Adjust PBIs and reflect adjusted total available Base Period Fee Pool			
Revision 23	See Date of Modification 178	Increase unallocated fee pool amount			

PBI-Reserved - Unallocated Base Period Fee

The Total Unallocated Base Period Fee value is \$15,825,401. The Total Available Unallocated Base Period Fee value is \$191,863. The Total Unavailable Unallocated Base Period Fee value is \$15,633,538. Unavailable Unallocated Base Period Fee is not available to be earned. The Contractor is not entitled to this unallocated and unavailable fee.

Available Unallocated Base Period Fee: \$191,863 (Mod 178)

Available Unallocated ARRA Fee: \$0

Total Available Unallocated Fee: \$191,863 (Mod 178)

Fee Structure: Method to be determined

Fee will be allocated to award fee or additional performance based incentives as the need is identified before the end of fiscal year 2012 for base fee, and before the end of FY 2011 for ARRA fee.