

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 0162		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO.	
5. PROJECT NO. (If applicable)		6. ISSUED BY Idaho Operations Office Idaho Operations U.S. Department of Energy Idaho Operations Idaho Falls ID 89415		7. ADMINISTERED BY (If other than Item 6) Idaho Operations U.S. Department of Energy Idaho Operations 1955 Fremont Avenue MS 1221 Idaho Falls ID 83415	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) FLDOR IDAHO, LLC Attn: AMANDA JORDAN 1070 RIVERWALK DRIVE, SUITE 201 IDAHO FALLS ID 83402		9A. AMENDMENT OF SOLICITATION NO. (x)		9B. DATED (SEE ITEM 11)	
10A. MODIFICATION OF CONTRACT/ORDER NO. DE-EM0004083		10B. DATED (SEE ITEM 13) 02/04/2016		11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS	
12. ACCOUNTING AND APPROPRIATION DATA (If required)		13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.		14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)	

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15; and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or electronic communication 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 letter or electronic communication, provided each letter or electronic communication 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)

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

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 data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF Section I.100 Changes - Cost Reimbursement (AUG 1987) Alternate II and III (APR 1984)
	D. OTHER (Specify type of modification and authority)

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

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

DUNS Number: 968795604

The purpose of this modification is to revise the CLIN-1 scope of work at contract Section C.5.5.01 Waste Generator Services as described in the attached continuation pages. The Contractor is directed to continue operations in accordance with contract Section B.2.

Payment:

OR for Idaho

U.S. Department of Energy

Oak Ridge Financial Service Center

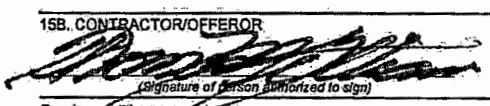
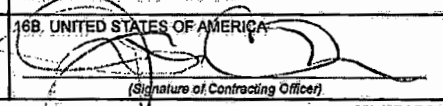
P.O. Box 6017

Oak Ridge TN 37831

FOB: Destination

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 CONTRACTOR Thomas M. Williams Director, Prime Contracts		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Jennifer K. Cate	
15B. CONTRACTOR/OFFEROR 		16B. UNITED STATES OF AMERICA 	
15C. DATE SIGNED 12/19/19		16C. DATE SIGNED 12.19.19	

Previous edition unusable

STANDARD FORM 30 (REV. 11/2016)
Prescribed by GSA FAR (48 CFR) 53.243

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF
	DE-EM0004083/0162	2	2

NAME OF OFFEROR OR CONTRACTOR
FLUOR IDAHO, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Period of Performance: 06/01/2016 to 05/31/2021				
	Change Item 00001 to read as follows.(amount shown is the total amount):				
00001	Target ICP-Core DOE Mission Work				
	Line item value is: \$1,809,235,054.72				1,809,235,054.72
	Incrementally Funded Amount: \$1,544,180,274.90				
	This modification increases the Total Contract Value (including Options) by \$74,844 from \$1,931,282,201 to \$1,931,357,045. See Continuation Pages for further details.				

This modification is being made under the authority of contract clause Section I.100, *Changes – Cost Reimbursement (AUG 1987) - Alternate II and III (APR 1984)*. This bilateral contract modification revises CLIN-1 to extend the scope of work found at contract Section C.5.5.01 Waste Generator Services, as described below. The indirect cost under CLIN-1 is adjusted to reflect the changes made to the POH table attached per Section B.15(g).

The following changes are hereby made to the contract:

1. SECTION B.2 CONTRACT COST AND FEE SCHEDULE is revised as follows:

CLIN-1: Target ICP Core DOE Mission Work Scope (Base) is revised to incorporate the change stated above.

The Direct Target Cost is increased by \$56,155 from \$895,251,802 to \$895,307,957.

The Indirect Target Cost (POH) is increased by \$10,108 from \$305,798,530 to \$305,808,638.

The Total Target Cost is increased by \$66,263 from \$1,201,050,332 to \$1,201,116,595.

The Cost Incentive (Target) is increased by \$3,280 from \$27,038,860 to \$27,042,140.

The Cost Incentive (Maximum) is increased by \$8,581 from \$69,006,700 to \$69,015,281.

The overall CLIN-1 Max Fee, including milestones and performance fee, is correspondingly increased by \$8,581 from \$142,858,159 to \$142,866,740.

Summary:

The Total Contract Value, including options, is increased by \$74,844 from \$1,931,282,201 to \$1,931,357,045.

The attached B.2(c) Fee Model has been updated to reflect the adjustment to CLIN-1.

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B.2(c) Table				
<u>CLIN 00001 - TARGET ICP-CORE DOE MISSION WORK (BASE)</u>				
	Target Cost	Max Fee	Target Fee	Total Price
Direct Target Cost w/ ID Spt (No Options Included)	895,307,957	142,866,740		1,343,983,335
Indirect Target Cost w/o ID Spt (Total Pool, PWS C.8)	305,808,638			
	1,201,116,595			
Target Fee			59,455,271	
Subtotal Milestone-Schedule & Performance Fee (B.3(d))		73,851,459		
Subtotal Incremental Cost Incentive Fee		69,015,281		
Cost Incentive Breakout				
Cost Incentive (Max)		69,015,281		12.95%
Cost Incentive (Target)			27,042,140	4.95%
<u>CLIN 00002 - TARGET ICP CORE NNPP PPF WORK SCOPE</u>				
	Target Cost	Max Fee	Target Fee	Total Price
Navy (Pieces, Parts and Fines - 102 Cans)	42,367,181	5,382,479	2,503,195	47,749,660
Milestone-Schedule & Performance		3,970,091	1,963,325	
Cost Incentive (Max)		1,412,388	539,870	
<u>CLIN 00003 - NON-TARGET ICP CORE WORK SCOPE</u>				
	Estimated Cost	Fee		Total Price
Total Non-Target Work Scope (See Contracting Officer for Breakout)	53,514,133	2,695,357		56,209,490
<u>CLIN 00004 - CONTRACT TRANSITION PERIOD</u>				
Transition	6,811,889	0		6,811,889
<u>CLIN 00005 - DEFINED BENEFIT PENSION PLAN COSTS</u>				
Pension	125,000,000	0		125,000,000
<u>CLIN 00006 INTEGRATED WASTE TREATMENT UNIT (IWTU) OPERATIONS AND TURNOVER</u>				
	Estimated Cost	Max Fee	Fee Gal	Total Price
IWTU Ops (C.6.1) (Definitized by Modification 152)	0	-	\$ 6.53	-
	Estimated Cost	Fee		
IWTU Phase 1 - Process Assessment (C.6.1.1) (Fixed Fee)	19,331,848	956,926		\$ 20,288,774
IWTU Phase 2 - Technical Issue Resolution (C.6.1.2) (Milestone Fee)	90,364,264	5,523,919		\$ 95,888,183
IWTU Phase 3/4 - Startup of Radiological Operations (C.6.1.10) (Fixed/Milestone Fee)	121,259,798	14,575,427		135,835,225
Total (Excluding C.6.1 IWTU Ops)	\$ 230,955,910	\$ 21,056,272		\$ 252,012,182
<u>Total Contract Cost (Excluding Options)</u>				
	Contract Cost	Max Fee	Target Fee	Total Price
	1,659,765,708	172,000,848	61,958,466	1,831,766,556
<u>Total Contract Cost (Includes Options)</u>				
	Target Cost	Max Fee	Target Fee	Total Price
Priced Options				
00001a - GrndWtr Monitoring Wells / CFA Landfill	773,962	100,228	38,311	874,190
00001b - GrdWtr Monitoring Wells/TAN Rem	676,966	87,667	33,510	764,633
00001c - Legacy Excess Radioactive/Haz Materials	24,747,535	3,204,806	1,225,003	27,952,341
00001d - RCRA Closure of AMWTP Facilities	30,476,158	3,946,662	1,508,570	34,422,820
00001e - Additional Temporary Storage	6,548,465	848,026	324,149	7,396,491
00001f - RH TRU Lot 11 Option Work (Definitized by Modification 050)	-	-	-	-
00001g - RH TRU Lot 12 Option Work	12,341,796	1,598,263	610,919	13,940,059
00001h - RH TRU Lot 11 GFY 2020 Option Work (Definitized by Modification 142)	-	-	-	-
00001i - RH TRU Lot 11 GFY 2021 Option Work	12,607,309	1,632,647	624,062	14,239,956
Total Options	88,172,191	11,418,299	4,364,524	99,590,490
Total Contract Cost (Includes Options) and Max Fee	1,747,937,899	183,419,147	66,322,990	1,931,357,045
<u>Contract Performance Ceiling (B.6)</u>				
Contract Performance Ceiling	1,452,059,017			
NOTE: Fixed Fee values from CLIN-3 and CLIN-6 are included in the max fee value for the total contract cost and total contract cost including options.				

No other changes to Section B.2(c).

2. SECTION B.6(a)(2) CONTRACT PERFORMANCE CEILING is revised as follows:

The current Contract Performance Ceiling (CPC) is increased by \$74,844 from \$1,451,984,173 to \$1,452,059,017.

3. ATTACHMENT A - POH TRACKING TOOL has been updated to include the changes as a result of this modification and is incorporated as part of this modification.

4. SECTION C.5.5.01 Waste Generator Services, fourth paragraph, is revised as follows:

From:

The Contractor shall operate the RWMC RH-LLW vaults and dispose of on-site generated NNPP remote-handled (RH) low level radioactive waste (LLW) using the concrete vaults at the Subsurface Disposal Area (SDA). The Contractor shall be responsible for the safe management and disposal of RH-LLW and the work shall be performed prior to September 30, 2020 consistent with the Phase 1 Remedial Design\Remedial Action Work Plan for Operable Unit 7-13/14 (DOE-ID-11389 Rev2).

To:

The Contractor shall operate the RWMC RH-LLW vaults and dispose of on-site generated NNPP remote-handled (RH) low level radioactive waste (LLW) using the concrete vaults at the Subsurface Disposal Area (SDA). The Contractor shall be responsible for the safe management and disposal of RH-LLW and the work shall be performed ~~prior to~~ through May 31, 2021. September 30, 2020 consistent with the Phase 1 Remedial Design\Remedial Action Work Plan for Operable Unit 7-13/14 (DOE-ID-11389 Rev2).

The CLIN-1 Direct Target Cost is increased by \$56,155 and the Indirect Target Cost (POH) is increased by \$10,108. The corresponding target fee is increased by \$3,280, and the max fee is increased by \$8,581.

No other changes to Section C.5.5.

5. CONTRACTOR'S STATEMENT OF RELEASE: In consideration of the modification agreed to herein as a complete equitable adjustment for the directed changed identified in this modification, and in accordance with contract Section I.100 52.243-2 Changes—Cost Reimbursement Alt II and III, 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 the proposal for adjustment. The total price of the equitable adjustment for CLIN-1 is \$74,844.

No other changes to the contract terms and conditions.

Summary Through Mod - 162					
Direct Cost Change			Total Direct Cost		
POH Change			Total POH		
Intitial CLINS 1,2,3,4,6			\$	975,624,953	\$
					\$
CLIN00001	\$	134,642,507	\$	1,110,267,460	\$
CLIN00002	\$	(18,791,157)	\$	1,091,476,303	\$
CLIN00003	\$	40,987,632	\$	1,132,463,935	\$
CLIN00004	\$	1,056,927	\$	1,133,520,862	\$
CLIN00006	\$	186,516,911	\$	1,320,037,773	\$
Less Options	\$	(91,080,703)	\$	1,228,957,070	\$
TOTAL	\$	253,332,117	\$	1,228,957,070	\$
				15,133,023	\$
					\$
				305,808,638	

CLIN00001					
Mod	Work scope description	Direct Cost Change		Total Direct Cost	
		POH Change		Total POH	
		Initial CLIN 00001 + Priced Options	\$	851,746,153	Initial \$
					\$
010	Calcine Disposition Project	\$	442,956	\$	852,189,109
014	Inf Upgrade Project	\$	2,991,701	\$	855,180,810
020	ICDF,CCP&MFA	\$	8,842,414	\$	864,023,224
022	MFC D&D	\$	480,355	\$	864,503,579
023	Material Diff	\$	(10,541,000)	\$	853,962,579
025	Direct/Ind true up	\$	(3,824,905)	\$	850,137,674
027	Calcine Disposition Project	\$	4,722,370	\$	854,860,044
028	Tank Farm Cap	\$	1,799,652	\$	856,659,696
032	Navy Replan Adj	\$	5,765,761	\$	862,425,457
040	TAN well	\$	655,618	\$	863,081,075
046	G&A Adj, Guard	\$	314,400	\$	863,395,475
050	RH TRU	\$	21,559,824	\$	884,955,299
056	NNPP Adujstment	\$	13,875,628	\$	898,830,927
059	Mandatory Srv	\$	-	\$	898,830,927
078	Radios	\$	786,088	\$	899,617,015
080	LWFC	\$	(71,392,824)	\$	828,224,191
081	SNF Replan	\$	1,610,172	\$	829,834,363
088	Nitric Acid	\$	1,202,447	\$	831,036,810
089	Batch Plant	\$	55,000	\$	831,091,810
092	UST	\$	312,539	\$	831,404,349
104	EBR II D&D	\$	(4,779,913)	\$	826,624,436
108	AMWTP Roofs 676 & 678	\$	810,298	\$	827,434,734
109	INL Proprietary Alarm System	\$	-	\$	827,434,734
110	CPP-2707 Security REA	\$	173,050	\$	827,607,784
111	MTR Canister	\$	(693,220)	\$	826,914,564
112	EBR II D&D adjustment	\$	1,000,000	\$	827,914,564
115	AMWTP Future Mission, FSV Biennial Exercise (actual costs)	\$	77,987	\$	827,992,551
116	Emergency Management (shift to indirect)	\$	(22,302)	\$	827,970,249
118	10 CFR 851	\$	-	\$	827,970,249
121	CPP-749 Gas Sampling	\$	93,000	\$	828,063,249
122	Utility Tunnel Repairs, Demob from EBRII D&D	\$	2,231,872	\$	830,295,121
124	CH TRU Waste Settlement	\$	115,300,000	\$	945,595,121
125	IT Support for STI at WCB, FSV Travel Actuals	\$	93,496	\$	945,688,617
126	Continue CCP Staffing; Discontinue Fab and Testing of Shielded Container for Lot 9B	\$	139,396	\$	945,828,013
		IWTU Indirects - DMR Aging Coupons, Hazen/Lab Support, Canister Decon Conceptual Design, Product Sampling,			
128	Remove/Clean Uncoated Elements on PGF.	\$	-	\$	945,828,013
129	INTEC ECS wireless communication	\$	197,047	\$	946,025,060
		IWTU Phase 3/4 Facility Mods, Confirmatory Demonstration			
131	Run, System Perf Tests, Start Rad Ops			\$	946,025,060
132	FY 2019 Calcine Additional Scope and IORC move			\$	946,025,060
138	IT Policies	\$	61,288	\$	946,086,348
140	INTEC UCS Obsolete Parts	\$	1,273,756	\$	947,360,104
141	DCAA Audit - IWTU Phase 3/4 Part A	\$	-	\$	947,360,104
142	RH Waste Lot 11 FY 2020 Priced Option	\$	19,099,074	\$	966,459,178
145	INTEC Long Range Plan, U-233, 749 Transfers	\$	9,123,368	\$	975,582,546
148	Continue CCP Staffing to support RH TRU	\$	1,071,423	\$	976,653,969
150	Electrical Distribution, RTR Equipment, 10CFR851 Phase 1	\$	1,941,621	\$	978,595,590
152	IWTU Phase 3/4 Part B (Less IWTU Ops)			\$	978,595,590
153	FY 2020 Calcine			\$	978,595,590
156	IWTU Vulnerabilities	\$	6,753,155	\$	985,348,745
160	Intec Paving	\$	983,760	\$	986,332,505
162	Extend Waste Generator Services	\$	56,155	\$	986,388,660
CLIN 00001 Change from Initial Contract		\$	134,642,507	\$	986,388,660
				\$	15,133,023
				\$	305,808,638

CLIN00002			
Mod	Work scope description	Direct Cost Change	Total Direct Cost
		Initial	\$
			61,158,338
46	G&A Adj	\$	(138,146)
56	NNPP Adujstment	\$	(13,857,777)
126	Remove RH TRU Shipping, Decrease scope for Certification	\$	(4,795,234)
CLIN 00002 Change from Initial Contract		\$	(18,791,157)
			\$
			42,367,181

CLIN00003			
Mod	Work scope description	Estimated Cost Change	Total Estimated Cost
		Initial	\$
			12,526,501
022	NE CPP 603 Crane	\$	1,175,070
027	Fuel Inversion	\$	678,707
032	Navy Replan	\$	4,992,567
033	Closeout	\$	350,001
036	NE CPP 603 Crane	\$	5,449,933

046	G&A Adj	\$	(5,868)	\$	25,166,911
051	Nvy Adj, Castor V/21 & USGS	\$	(203,767)	\$	24,963,144
053	NE CPP 603 Crane	\$	(81,325)	\$	24,881,819
056	DOE Support	\$	29,412	\$	24,911,231
086	Calcine	\$	3,241,141	\$	28,152,372
111	MTR Canister	\$	1,087,100	\$	29,239,472
112	Calcine Retrieval Scope Removal	\$	(122,305)	\$	29,117,167
115	FY 2019 Calcine, SPRU data collection and estimate	\$	6,047,697	\$	35,164,864
132	FY 2019 Calcine Additional Scope and IORC move	\$	4,230,314	\$	39,395,178
145	RH LLW SME Review Updated Performance Assessment	\$	5,882	\$	39,401,060
149	Navy Borehole Invoices	\$	5,903,367	\$	45,304,427
153	Calcine FY 2020	\$	8,209,706	\$	53,514,133
CLIN 00003 Change from Initial Contract		\$	40,987,632	\$	53,514,133

CLIN00004					
Mod	Work scope description	Estimated Cost Change		Total Estimated Cost	
		Initial		\$	5,754,962
10	IWTU Transition	\$	1,056,927	\$	6,811,889
CLIN 00004 Change from Initial Contract		\$	1,056,927	\$	6,811,889

CLIN00006					
Mod	Work scope description	Estimated Cost Change		Total Estimated Cost	
		Initial		\$	44,438,999
012	Phase I	\$	19,331,848	\$	63,770,847
037	Phase II	\$	66,553,245	\$	130,324,092
046*	G&A Adj	\$	(131,068)	\$	130,193,024
103	DMR Redesign	\$	5,659,068	\$	135,852,092
103	CRR Repair	\$	1,207,602	\$	137,059,694
DMR Aging Coupons, Hazen/Lab Support, Canister Decon Conceptual Design, Product Sampling, Remove/Clean					
128	Uncoated Elements on PGF.	\$	16,944,349	\$	154,004,043
IWTU Phase 3/4 Facility Mods, Confirmatory Demonstration					
131	Run, System Perf Tests, Start Rad Ops	\$	61,621,715	\$	215,625,758
141	DCAA Audit - IWTU Phase 3/4 Part A	\$	(855,438)	\$	214,770,320
152	IWTU Phase 3/4 Part B (Less IWTU Ops)	\$	16,185,590	\$	230,955,910
CLIN 00006 Change from Initial Contract		\$	186,516,911	\$	230,955,910