

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1   1
2. AMENDMENT/MODIFICATION NO. 0109	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	CODE 892432	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	CODE 00701
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) FLUOR 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)
CODE 968795604	FACILITY CODE	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-EM0004083 x	10B. DATED (SEE ITEM 13) 02/04/2016

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended.  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

**12. ACCOUNTING AND APPROPRIATION DATA (If required)**

**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 date, 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: I.100 52.243-2 Changes - Cost Reimbursement (Aug 1987) Alt 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.)**

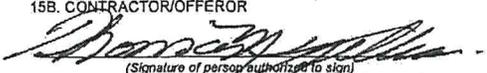
DUNS Number: 968795604

The purpose of this modification is to incorporate a change specific to CLIN-1, Section C.3.2 EM Facility Infrastructure - INTEC. Please refer to the continuation pages incorporated as part of this modification. The Contractor is directed to continue operations in accordance with contract Section B.2.

Payment:

Period of Performance: 06/01/2016 to 05/31/2021

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

15A. NAME AND TITLE OF SIGNER (Type or print) Thomas M. Williams Director, Prime Contracts	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Maria M. Mitchell-Williams
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED 12/12/18
16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 12.12.18

**CONTINUATION SHEET**

REFERENCE NO. OF DOCUMENT BEING CONTINUED  
DE-EM0004083/0109

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NAME OF OFFEROR OR CONTRACTOR  
FLUOR IDAHO, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00001	<p>FOB: Destination Period of Performance: 06/01/2016 to 05/31/2021</p> <p>Change Item 00001 to read as follows (amount shown is the total amount):</p> <p>Target ICP-Core DOE Mission Work Line item value is: \$1,434,994,616.00 Incrementally Funded Amount: \$1,175,166,822.19</p> <p>This modification incorporates a change specific to CLIN-1, Section C.3.2 EM Facility Infrastructure - INTEC.</p> <p>The total contract Value (including options) is increased by \$48,166 from \$1,556,109,345 to \$1,556,157,511. See continuation pages below for further details.</p>				1,434,994,616.00

This modification is being made under the authority of the contract clause Section I.100, *Changes – Cost Reimbursement (AUG 1987) - Alternate II and III (APR 1984)*. This bilateral contract modification definitizes the Contractor's request to increase the contract indirect target cost and target fee for new work scope associated with replacement of the INL proprietary supervision station alarm system (Fluor Idaho letter CCN 322380, dated July 12, 2018). This work scope is definitized under Section C.3.2 EM Facility Infrastructure – INTEC.

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 not changed from \$736,354,031.

The Indirect Target Cost is increased by \$42,643 from \$259,865,377 to \$259,908,020.

The Total Target Cost is increased by \$42,643 from \$996,219,408 to \$996,262,051.

The Cost Incentive (Target) is increased by \$2,110 from \$17,125,106 to \$17,127,216.

The Cost Incentive (Maximum) is increased by \$5,523 from \$44,802,043 to \$44,807,566.

The overall CLIN-1 Max Fee, including milestones and performance fee, is correspondingly increased by \$5,523 from \$129,010,413 to \$129,015,936.

Summary:

The Total Contract Value, including options, is increased by \$48,166 from \$1,556,109,345 to \$1,556,157,511.

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				
<b>CLIN 00001- TARGET ICP-CORE DOE MISSION WORK (BASE)</b>				
	Target Cost	Max Fee	Target Fee	Total Price
Direct Target Cost w/ ID Spt (No Options Included)	736,354,031	129,015,936		1,125,277,987
Indirect Target Cost w/o ID Spt (Total Pool, PWS C.8)	259,908,020			
	996,262,051			
Target Fee			49,314,972	
Subtotal Milestone-Schedule & Performance Fee (B.3(d))		84,208,370		
Subtotal Incremental Cost Incentive Fee		44,807,566		
Cost Incentive Breakout				
Cost Incentive (Max)		44,807,566		12.95%
Cost Incentive (Target)			17,127,216	4.95%
<b>CLIN 00002 - TARGET ICP CORE NNPP PPF WORK SCOPE</b>				
	Target Cost	Max Fee	Target Fee	Total Price
Navy (Pieces, Parts and Fines - 102 Cans)	47,162,415	6,107,533	2,334,540	53,269,948
Milestone-Schedule & Performance		5,136,375	1,963,325	
Cost Incentive (Max)		971,158	371,215	
<b>CLIN 00003 - NON-TARGET ICP CORE WORK SCOPE</b>				
	Estimated Cost	Fee		Total Price
Total Non-Target Work Scope (See Contracting Officer for Breakout)	28,152,372	1,503,390		29,655,762
<b>CLIN 00004- CONTRACT TRANSITION PERIOD</b>				
Transition	6,811,889	0		6,811,889
<b>CLIN 00005 - DEFINED BENEFIT PENSION PLAN COSTS</b>				
Pension	70,900,000	0		70,900,000
<b>CLIN 00006 INTEGRATED WASTE TREATMENT UNIT (IW TU) OPERATIONS AND TURNOVER</b>				
	Estimated Cost	Max Fee	Fee Gal	Total Price
IW TU Ops (C.6.1)	44,307,931	5,538,491	\$ 6.53	\$ 49,846,422
	Estimated Cost	Fee		
IW TU Phase 1 - Process Assessment (C.6.1.1) (Fixed Fee)	19,331,848	956,926		\$ 20,288,774
IW TU Phase 2 - Technical Issue Resolution (C.6.1.2) (Milestone Fee)	73,419,915	5,523,919		\$ 78,943,834
<b>Total (Excluding C.6.1 IW TU Ops)</b>	<b>\$ 92,751,763</b>	<b>\$ 6,480,845</b>		<b>\$ 99,232,608</b>
<b>Total Contract Cost (Excluding Options)</b>				
	Contract Cost	Max Fee	Target Fee	Total Price
	1,286,348,421	148,646,195	51,649,511	1,434,994,616
<b>Total Contract Cost (Includes Options)</b>				
	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 048)	-	-	-	-
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	19,099,074	2,473,330	945,404	21,572,404
00001i - RH TRU Lot 11 GFY 2021 Option Work	12,607,309	1,632,647	624,062	14,239,956
Total Options	107,271,265	13,891,629	5,309,928	121,162,894
Total Contract Cost (Includes Options) and Max Fee	1,393,619,686	162,537,824	56,959,439	1,556,157,511
<b>Contract Performance Ceiling (B.6)</b>				
Contract Performance Ceiling	1,213,512,196			

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 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 \$48,166 from \$1,213,464,030 to \$1,213,512,196.

**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.3.2.05 INL Proprietary Supervision Station Alarm System** is added to include the following scope:

The Contractor shall assist the INL contractor with replacement of the INL proprietary supervision station alarm system as follows:

- Contractor Life Safety System (LSS) personnel assist in resolving technical issues in the design;
- LSS personnel, planners, and fire protection personnel assist with fire impairments and compensatory measures (if needed) to perform system testing in order to “map” the systems to the new fire alarm system at CFA; and
- LSS personnel, planners, fire protection personnel and the Fire Marshal assist with final acceptance testing of the installed system.

5. **CONTRACTOR'S STATEMENT OF RELEASE:** In consideration of the modification agreed to herein as a complete equitable adjustment for the directed change 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 an increase of \$48,166 (indirect costs of \$42,643 and max fee of \$5,523).

No other changes to the contract terms and conditions.