

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 0121	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		(x) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
CODE 968795604	FACILITY CODE	x 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

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: 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. 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:
 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 SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Aaron Nebeker		
15B. CONTRACTOR/OFFEROR 	15C. DATE SIGNED 4/23/19	16B. UNITED STATES OF AMERICA 	16C. DATE SIGNED 4/24/19

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
DE-EM0004083/0121

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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>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</p> <p>Line item value is: \$1,498,690,991.00</p> <p>Incrementally Funded Amount: \$1,397,631,665.85</p> <p>The total contract value (including options) is increased by \$105,043 from \$1,619,748,843 to \$1,619,853,886. See continuation pages for further details.</p>			1,498,690,991.00	

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 equitable adjustment to increase the contract target direct cost and fee under CLIN-1 for new work scope associated with CPP-749 gas sampling and analysis.

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 \$93,000 from \$736,889,546 to \$736,982,546.

The Indirect Target Cost remains unchanged at \$261,186,878.

The Total Target Cost is increased by \$93,000 from \$998,076,424 to \$998,169,424.

The Cost Incentive (Target) is increased by \$4,603 from \$17,217,028 to \$17,221,631.

The Cost Incentive (Maximum) is increased by \$12,043 from \$45,042,527 to \$45,054,570.
The overall CLIN-1 Max Fee, including milestones and performance fee, is correspondingly increased by \$12,044 from \$129,250,897 to \$129,262,940.

Summary:

The Total Contract Value, including options, is increased by \$105,043 from \$1,619,748,843 to \$1,619,853,886.

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)	736,982,546	129,262,940		1,127,432,364
Indirect Target Cost w/o ID Spt (Total Pool, PWS C.8)	261,186,878			
	998,169,424			
Target Fee			49,409,386	
Subtotal Milestone-Schedule & Performance Fee (B.3(d))		84,208,370		
Subtotal Incremental Cost Incentive Fee		45,054,570		
Cost Incentive Breakout				
Cost Incentive (Max)		45,054,570		12.95%
Cost Incentive (Target)			17,221,631	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)	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	
<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)	35,164,864	1,932,898		37,097,762
<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)	44,307,931	5,538,491	\$ 6.53	\$ 49,846,422
	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)	73,419,915	5,523,919		\$ 78,943,834
Total (Excluding C.6.1 IWTU Ops)	\$ 92,751,763	\$ 6,480,845		\$ 99,232,608
<u>Total Contract Cost (Excluding Options)</u>				
	Contract Cost	Max Fee	Target Fee	Total Price
	1,349,368,286	149,322,707	51,743,926	1,498,690,993
<u>Total Contract Cost (Includes Options)</u>				
	Target Cost	Max Fee	Target Fee	Total Price
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	1,456,639,551	163,214,336	57,053,854	1,619,853,886
<u>Contract Performance Ceiling (B.6)</u>				
Contract Performance Ceiling	1,222,679,065			
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 \$105,043 from \$1,222,574,022 to \$1,222,679,065.

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.7.0 *Spent Nuclear Fuel Management*** is revised to include the following additional work scope:

The Contractor shall:

1. Perform 12 gas sampling and analyses within select liners at CPP-749 adequate to confirm or exclude the presence of organic constituents; and
2. Prepare a formal cost estimate for the safe and secure recovery and transfer of all Peach Bottom fuel from first generation liners to second generation liners within CPP-749.

No other changes to Section C.7.0.

5. **CONTRACTOR'S STATEMENT OF RELEASE:** In consideration of the modification for Section C.7.0 SNF Mangement, 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 \$105,403 (direct costs of \$93,000, and max fee of \$12,403).

No other changes to the contract terms and conditions.