

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 0237	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.	
CODE 968795604 FACILITY CODE		9B. DATED (SEE ITEM 11)	
		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: 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 definitize scope related to CLIN-1 and CLIN-2 and to revise Section J, Attachment 1. Please refer to the attached 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

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) Thomas M. Williams Director Prime Contracts	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Jennifer K. Cate
15B. CONTRACTOR/OFFEROR <i>Thomas M Williams</i> (Signature of person authorized to sign)	15C. DATE SIGNED 11/12/2020
16B. UNITED STATES OF AMERICA JENNIFER CATE Digitally signed by JENNIFER CATE Date: 2020.11.12 07:19:02 -0700 (Signature of Contracting Officer)	16C. DATE SIGNED 11/12/2020

Previous edition unusable

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
DE-EM0004083/0237

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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: \$2,069,171,773.00 Incrementally Funded Amount: \$1,930,808,497.71</p> <p>This modification increases the Total Contract Value by \$1,813,275 from \$2,118,286,210 to \$2,120,099,485.</p>				2,069,171,773.00

This modification is being made under the authority of contract clause Section I.100, FAR 52.243-2 *Changes – Cost Reimbursement (AUG 1987) - Alternate II and III (APR 1984)*. This bilateral contract modification revises CLIN-1 scope at Sections C.5.3.02 and C.5.4.02 to continue Central Characterization Program (CCP) staffing services to support remote handled transuranic (RH TRU) characterization and certification through FY 2021. This modification also revises Section J, Attachment J-1, as detailed below.

The indirect cost under CLIN-1 is adjusted to reflect this change per Section B.15(g).

The following changes are hereby made to the contract:

1. **SECTION B.2 (c) CONTRACT COST AND FEE SCHEDULE** is revised as follows:

CLIN-1: Target ICP Core DOE Mission Work Scope (Base)

The Direct Target Cost is increased by \$1,160,428 from \$954,845,962 to \$956,006,390.

The Indirect Target Cost is increased by \$244,888 (\$208,877 for CLIN-1 scope and \$36,011 for CLIN-2 scope) from \$355,127,879 to \$355,372,767.

The Total Target Cost is increased by \$1,405,316 from \$1,309,973,841 to \$1,311,379,157.

The Cost Incentive (Target) is increased by \$69,564 (\$67,781 for CLIN-1 scope and \$1,783 for CLIN-2 scope) from \$32,276,017 to \$32,345,581.

The Cost Incentive (Maximum) is increased by \$181,988 (\$177,325 for CLIN-1 scope and \$4,663 for CLIN-2 scope) from \$80,827,698 to \$81,009,686.

The overall CLIN-1 Max Fee is correspondingly increased by \$181,988 from \$157,933,913 to \$158,115,901.

CLIN-2: Target ICP Core NNPP PPF Work Scope

The Direct Target Cost is increased \$200,063 from \$42,367,181 to \$42,567,244.

The (CLIN-1) Indirect Target Cost is increased by \$36,011 (see above under CLIN-1).

The Cost Incentive (Target) is increased by \$9,903 from \$539,870 to \$549,773.

The Cost Incentive (Maximum) is increased by \$25,908 from \$1,412,388 to \$1,438,296.

Summary:

The revised Total Contract Value (Includes Options) is increased by \$1,813,275 (cost and fee adjustments under CLIN-1 and CLIN-2) from \$2,118,286,210 to \$2,120,099,485. The following B.2(c) Fee Model has been updated to reflect the adjustments to CLIN-1 and CLIN-2.

B.2(c) Table				
CLIN 00001- TARGET ICP-CORE DOE MISSION WORK (BASE)				
	Target Cost	Max Fee	Target Fee	Total Price
Direct Target Cost w/ ID Spt (No Options Included)	956,006,390	158,115,901		1,469,495,058
Indirect Target Cost w/o ID Spt (Total Pool, PWS C.8)	355,372,767			
	1,311,379,157			
Target Fee			64,913,268	
Subtotal Milestone-Schedule & Performance Fee (B.3(d))		77,106,215		
Subtotal Incremental Cost Incentive Fee		81,009,686		
Cost Incentive Breakout				
Cost Incentive (Max)		81,009,686		12.95%
Cost Incentive (Target)			32,345,581	4.95%
CLIN 00002 - TARGET ICP CORE NNPP PPF WORK SCOPE				
	Target Cost	Max Fee	Target Fee	Total Price
Navy (Pieces, Parts and Fines - 102 Cans)	42,567,244	5,408,387	2,513,098	47,975,631
Milestone-Schedule & Performance		3,970,091	1,963,325	
Cost Incentive (Max)		1,438,296	549,773	
CLIN 00003 - NON-TARGET ICP CORE WORK SCOPE				
	Estimated Cost	Fee		Total Price
Total Non-Target Work Scope (See Contracting Officer for Breakout)	58,829,070	3,091,456		61,920,526
CLIN 00004- CONTRACT TRANSITION PERIOD				
Transition	6,811,889	0		6,811,889
CLIN 00005 - DEFINED BENEFIT PENSION PLAN COSTS				
Pension	125,000,000	0		125,000,000
CLIN 00006 INTEGRATED WASTE TREATMENT UNIT (IWTU) OPERATIONS AND TURNOVER				
	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)	115,785,533	5,523,919		121,309,452
IWTU Phase 3/4 - Startup of Radiological Operations (C.6.1.10) (Fixed/Milestone Fee)	193,513,484	22,856,959		216,370,443
Total (Excluding C.6.1 IWTU Ops)	328,630,865	29,337,804		357,968,669
Total Contract Cost (Excluding Options)				
	Contract Cost	Max Fee	Target Fee	Total Price
	1,873,218,225	195,953,548	67,426,366	2,069,171,773
Total Contract Cost (Includes Options)				
Priced Options	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 (Definitized by Modification 207)	-	-	-	-
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 (Definitized by Modification 220)	-	-	-	-
Total Options	45,088,724	5,838,990	2,231,892	50,927,714
Total Contract Cost (Includes Options) and Max Fee	1,918,306,949	201,792,537	69,658,258	2,120,099,485
Contract Performance Ceiling (B.6)				
Contract Performance Ceiling	1,583,111,647			
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.

- SECTION B.6(a)(2) CONTRACT PERFORMANCE CEILING** is increased by \$1,813,275 from \$1,581,298,372 to \$1,583,111,647.

3. **SECTION C.5.3.02 RH-TRU Characterization and Certification**, first paragraph, is revised as follows:

From:

The RH-TRU waste shall be treated and characterized in accordance with the WIPP WAC requirements. The Contractor shall utilize the services of the DOE CBFO CCP contractor for continued characterization of RH-TRU waste with existing approved programmatic documents in accordance with the WIPP WAC. The Contractor shall support the development of the waste certification data packages to show compliance with the WIPP WAC, support the defense of the data packages and support negotiations with the State of New Mexico and the Environmental Protection Agency. The program shall be fully functional to resume RH TRU waste certification activities by January 1, 2020 and support recertification audit performed by the CBFO, the state of New Mexico, and the EPA tentatively planned in August 2020. Costs for the services of DOE CBFO CCP shall be included in the Contractor's target cost through September 30, 2020.

To:

The RH-TRU waste shall be treated and characterized in accordance with the WIPP WAC requirements. The Contractor shall utilize the services of the DOE CBFO CCP contractor for continued characterization of RH-TRU waste with existing approved programmatic documents in accordance with the WIPP WAC. The Contractor shall support the development of the waste certification data packages to show compliance with the WIPP WAC, support the defense of the data packages and support negotiations with the State of New Mexico and the Environmental Protection Agency. The program shall be fully ~~operational and functional to resume RH TRU waste certification activities by January 1, 2020 and~~ support the recertification audit performed by ~~the~~ CBFO, ~~and~~ the state of New Mexico, ~~and the EPA~~ tentatively planned ~~in August 2020 for February 2021~~. Costs for the services of DOE CBFO CCP shall be included in the Contractor's target cost through ~~September 30, 2020~~ ~~May 31, 2021~~.

Based on this change, the CLIN-1 Direct Target Cost is increased by \$1,160,428, and the Indirect Target Cost is increased by \$208,877. The corresponding target fee is increased by \$67,781, and the max fee is increased by \$177,325.

4. **SECTION C.5.4.02 Naval Nuclear Propulsion Program (NNPP) RH-TRU Characterization and Certification** is revised as follows:

From:

The Contractor shall characterize Naval Nuclear Propulsion Program (NNPP) Pieces, Parts, and Fines (PPF) (RH-TRU LOT 10) in accordance with C.5.3.02. Waste characterization and certification will be performed under the certification authority of the CCP for disposal at WIPP. Acceptable Knowledge (AK) summary report development will be completed by

incumbent contractor and shall be used by the Contractor to treat the Lot 10 work in a timely manner to complete the certification process.

To:

The Contractor shall characterize Naval Nuclear Propulsion Program (NNPP) Pieces, Parts, and Fines (PPF) (RH-TRU LOT 10) in accordance with C.5.3.02. Waste characterization and certification will be performed under the certification authority of the CCP for disposal at WIPP. ~~Acceptable Knowledge (AK) summary report development will be completed by incumbent contractor and shall be used by the Contractor to treat the Lot 10 work in a timely manner to complete the certification process.~~ The general services for CCP Lot 10 support include: Issue Chemical Compatibility Evaluations; Issue Basis of Knowledge memo, prepare Interface Waste Management Document Management List (IWMDL); prepare CCP-TP-005 Attachment 3, AK Source Document Summary and submit to CCP Records; and completing Characterization Information Summary (CIS), Characterization Reconciliation Report (CRR), Acceptable Knowledge (AK) Accuracy Report, and support Carlsbad Field Area Office (CBFO) annual recertification audit.

Based on this change, the CLIN-2 Direct Target Cost is increased by \$200,063; the corresponding target fee is increased by \$9,903; and the max fee is increased by \$25,908. The CLIN-1 Indirect Target Cost is increased by \$36,011; the corresponding CLIN-1 target fee is increased by \$1,783; and the max fee is increased by \$4,663.

No other changes to Section C.

5. **SECTION J – ATTACHMENT J-1 – LIST OF APPLICABLE DOE DIRECTIVES (LIST B)** is revised as follows:

The following Directive has been removed:

DOE O 470.3B (superseded by DOE O 470.3C) – Graded Security Protection (GSP) Policy

The following Directives have been added. Per Fluor Idaho letters CCN 325979 and 325992, there are no cost impacts for these DOE Orders.

DOE O 470.3C – Design Basis Threat (DBT) Order

DOE O 486.1A – Foreign Government Sponsored or Affiliated Activities

No other changes to Section J.

6. **CONTRACTOR'S STATEMENT OF RELEASE:** In consideration of the modification agreed to herein as a complete equitable adjustment for the directed change to incorporate the work scope under CLIN-1 Sections C.5.3.02, C.5.4.02, and J-1 as detailed above, 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 net price of the equitable adjustment for CLIN-1 and CLIN-2 is \$1,813,275.

No other changes to the terms and conditions.