

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 0199	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)	
		x 10A. MODIFICATION OF CONTRACT/ORDER NO. DE-EM0004083	
		10B. DATED (SEE ITEM 13) 02/04/2016	
CODE 968795604	FACILITY CODE		

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 FAR 52.243-2 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 add scope to CLIN-1 at Section C.8.3.05 Worker Safety and Health to include the Occupational Safety and Health Administration (OSHA) Regulatory Change for walking-working surfaces and fall protection standards, including Appendix 1, as described in the continuation pages incorporated as part of this modification. The Contractor is directed to continue operations in accordance with contract Section B.2.

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 06/30/2020
	16B. UNITED STATES OF AMERICA <i>J. Cate</i> (Signature of Contracting Officer)
	16C. DATE SIGNED 6/30/20

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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>Payment: OR for Idaho U.S. Department of Energy Oak Ridge Financial Service Center P.O. Box 6017 Oak Ridge TN 37831 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: \$1,944,335,416.00 Incrementally Funded Amount: \$1,759,156,985.03</p> <p>This modification increases the Total Contract Value (including Options) by \$5,175,103 from \$2,038,750,802 to \$2,043,925,905.</p>				1,944,335,416.00

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 modification adds scope to CLIN-1 at Section C.8.3.05 *Worker Safety and Health* to include the Occupational Safety and Health Administration (OSHA) Regulatory Change for walking-working surfaces and fall protection standards as detailed below, including Appendix 1 incorporated with this modification.

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) is revised as follows:

The Direct Target Cost is increased by \$3,559,789 from \$913,975,065 to \$917,534,854.

The Indirect Target Cost is increased by \$1,021,976 from \$328,953,658 to \$329,975,634.

The Total Target Cost is increased by \$4,581,765 from \$1,242,928,723 to \$1,247,510,488.

The Cost Incentive (Target) is increased by \$226,797 from \$28,957,284 to \$29,184,081.

The Cost Incentive (Maximum) is increased by \$593,338 from \$73,288,207 to \$73,881,545.
The overall CLIN-1 Max Fee, including milestones and performance fee, is correspondingly increased by \$593,338 from \$147,877,069 to \$148,470,407.

Summary:

The Contract Value is increased by \$5,175,103 (cost and fee adjustments under CLIN-1) from \$2,038,750,802 to \$2,043,925,905.

The attached B.2(c) Fee Model has been updated to reflect the adjustments to CLIN-1 and CLIN-3.

[Next Page]

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)	917,534,854	148,470,407		1,395,980,895
Indirect Target Cost w/o ID Spt (Total Pool, PWS C.8)	329,975,634			
	1,247,510,488			
Target Fee			61,751,769	
Subtotal Milestone-Schedule & Performance Fee (B.3(d))		74,588,862		
Subtotal Incremental Cost Incentive Fee		73,881,545		
Cost Incentive (Max)		73,881,545		12.95%
Cost Incentive (Target)			29,184,081	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)	58,829,070	3,091,456		61,920,526
<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)	19,331,848.00	956,926.00		20,288,774.00
IWTU Phase 2 - Technical Issue Resolution (C.6.1.2) (Milestone Fee)	90,364,264.00	5,523,919.00		95,888,183.00
IWTU Phase 3/4 - Startup of Radiological Operations (C.6.1.10) (Fixed/Milestone Fee)	169,564,296.00	21,131,193.27		190,695,489.27
Total (Excluding C.6.1 IWTU Ops)	279,260,408.00	27,612,038.27		306,872,446.27
<u>Total Contract Cost (Excluding Options)</u>				
	Contract Cost	Max Fee	Target Fee	Total Price
	1,759,779,036	184,556,380	64,254,964	1,944,335,416
<u>Total Contract Cost (Includes Options)</u>				
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	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	1,847,951,227	195,974,679	68,619,488	2,043,925,905
<u>Contract Performance Ceiling (B.6)</u>				
Contract Performance Ceiling	1,509,371,513			
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 \$5,175,103 from \$1,504,196,410 to \$1,509,371,513.

3. SECTION C.8.3.05 Worker Safety and Health is revised to include the following:

The Contractor shall complete the following Occupational Safety and Health Administration (OSHA) Walking-Working Surfaces scope:

Modify the existing walking working surfaces to bring facilities into compliance with the current 10 CFR 851 requirements. This scope includes replacement of stairs, railings, ladders and platforms through design, procurement and installation of infrastructure listed in Appendix I, *Rev 1 of RPT-1649 – Walking and Working Surfaces Assessment Report*, incorporated by contract Modification 198. This scope includes categories “A” and “B” for INTEC, IWTU and SSF; ICDF and RWMC are excluded (with the exception of actual costs already incurred or accrued).

1. Category A (Stairs) – Modification of stairs that have improper width or tread dimensions; installation of any additional required handrails; installation of toe-boards for missing guardrail systems; installation of guardrails at loading areas to replace currently installed chains; and transitions to ladders inside of utility tunnel access points which do not have platforms. This work will require engineering, purchasing, fabrications, and installation (as a minimum).
2. Category B – Types of equipment that can be used/installed after procurement. New or replacement items including mobile ladder stands, mobile ladder platforms, swing gates, grab bars and hatchway protective systems (including standard guardrails and gates). This scope will require purchase and installation of equipment (as a minimum).

Based on this change, the CLIN-1 Direct Target Cost is increased by \$3,559,789; the CLIN-1 Indirect Target Cost is increased by \$1,021,976 (\$381,214 for incremental scope and \$640,762 for POH of 18% on the Direct Target Cost increase). The CLIN-1 Target Fee is increased by \$226,797, and the Max Fee is increased by \$593,338.

No other changes to Section C.8.1.

- 4. 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 Section C.8.3.05 *Worker Safety and Health*, 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 is \$5,175,103 (cost and fee adjustments under CLIN-1).

No other changes to the terms and conditions.

Appendix 1

OSHA Walking Working Surfaces, Phase 1 Activities

Reference: RPT-1649 – Walking Working Surfaces Assessment Report

Report Page #	Location Description
A-28	CPP 606 South West Corner 2nd Level Stair Way #1
A-28	CPP 606 South West Corner 2nd Level Stair Way #2
A-29	CPP 606 Zone 1 Stair
A-30	CPP 655 South East Corner Stair
A-31	CPP 659 South West Corner Stairway
A-32	CPP 659 Waste Management Side CPP 659 Room 415 Stair Way
A-33	East Side Stairs #8
A-34	CPP 659 Waste Management Side Room 311 Guard Rail
A-35	East Side loading dock
A-36	CPP-666 FAST (Fuel Side) Stairs #10, Level 1 to Level 4 (roof)
A-37	CPP 666 Waste Management Side Stair Side Room (SB-7)
A-38	CPP 666 Waste Management Side Room 116 Ship Stair
A-38	CPP 666 Waste Management Side Room 116 Stair
A-38	CPP 666 Waste Management Side Room 116 Stair guard rail
A-40	CPP-666 FAST (Exterior) North Side HVAC Unit Steps. Guard Rail
A-41	CPP 666 Waste Management Side Level +27 Room 301 Prep Area Platform #1 Stair
A-42	CPP 1683 East Side Stairs-Ramp Stair
A-43	CPP 603 INTERIOR STAIRS #6
A-44	TANK FARM Valve Box Area C-37
A-45	TR-79 Stair(wood)
A-46	TR-79 South Side(wood)
A-47	CPP 606 Guard Rail (Upper 2nd and 3rd levels)
A-50	CPP 663 Machine Shop Additive Storage Fixed Ladder #1

A-50	CPP 663 Machine Shop Additive Storage Fixed Ladder #2
A-50	CPP 663 Machine Shop Additive Storage Fixed Ladder #3
A-48	CPP 663 Fixed ladder #2
A-48	CPP 663 Fixed ladder #2 Guard rail
A-49	Bin Set #2 CPP - 760
A-50	CPP-663 upper Level Mezzanine
A-51	CPP-1618 2nd Level Guardrail
A-52	CPP-663
A-53	UTILITY TUNNEL Retractable Fixed Ladder (X2)
A-53	UTILITY TUNNEL Fixed Ladder 1
A-53	UTILITY TUNNEL Fixed Ladder 2
A-53	UTILITY TUNNEL Fixed Ladder 3
A-53	UTILITY TUNNEL Fixed Ladder 4
A-53	UTILITY TUNNEL Fixed Ladder 5
A-53	UTILITY TUNNEL Fixed Ladder 6
A-53	UTILITY TUNNEL Fixed Ladder 7
A-53	UTILITY TUNNEL Fixed Ladder 8
A-56	CPP 663 Room 121 Stairs
A-56	CPP 663 Room 121 Stair guard rail
A-57	CPP-691 FPR Exterior Truck Bay
A-58	TSA-TSB North Side Fixed Ladder
A-58	TSA-TSB Fixed Ladder HVAC Unit
A-60	CPP 606 Portable Platforms and Ladder Stand #4 (40"H x 24" W)
A-61	WMF 618 Portable Ladder Stand #2
A-62	WMF 1633 Portable Ladder stand (50" H x 16" W)
A-63	WMF-676 Super Compactor Portable Ladder Stand (48" H x 24" W)
A-64	WMF 1617 Exterior Portable Ladder Stand #1 (48" H x 36" W)
A-65	WMF 1621 Exterior Portable Ladder Stand #1

A-66	WMF 698 Interior Portable Ladder Stand #3 (45" H x 20" W)
A-66	WMF 698 Interior Portable Ladder Stand #4 (45" H x 20" W)
A-67	CPP-603 Portable Ladder Stand #1 (110" H X 30" W)
A-67	CPP-603 Portable Ladder Stand #2 (110" H X 30" W)
A-67	CPP-603 Portable Ladder Stand #3 80" (H X 24" W)
A-68	CPP-666 FAST (Exterior) Portable ladder stand #1
A-68	CPP-666 FAST (Exterior) Portable ladder stand #2
A-69	CPP-666 FAST (Waste Management Side) Portable ladder stand Room 114B
A-70	CPP 606 Portable Platforms and Ladder Stand #4
A-71	CPP-691 FPR Main Floor (86" H x 24" W)
A-72	CPP-666 FAST (Fuel Side), Room 165, 166 Portable ladder stand #2
A-73 & 74	CPP-1606 Portable Ladders, Portable Ladder stand #1 (7'-6" H x 29-1/2" W)
A-75 & 77	CPP-655 Portable Ladder Stand #2
A-78	CPP-659 (Exterior) Replace stair with prefab stair/landing/rail unit
A-79	D&D Laydown Yard Portable Ladder Stand #1(80" x 24")
A-84	CPP 606 North West Corner Fixed Ladder #2
A-85	CPP-659 (Exterior) Additive Storage Fixed Ladder
A-86	CPP-666 FAST (Waste Management Side) Side Room (SB-7) Stair Way
A-87	CPP-663 Room 121 Stairs
A-87	CPP-663 Room 121 Stairs Guard Rail
A-88	CPP-691 FPR #1 Fixed Ladder
A-90	CPP 708 Old Calcine Stack Fixed Ladder
A-91	CPP-659 (Waste Management Side) EDR Room 418 Fixed Ladder #1
A-91	CPP-659 (Waste Management Side) EDR Room 418 Fixed Ladder #2
A-93	CPP-659 (Waste Management Side) CMA Room 428 Fixed Ladder #1
A-93	CPP-659 (Waste Management Side) CMA Room 428 Fixed Ladder #2
A-95	TSA/TSB Exterior of Building, north side fixed ladder
A-95	TSA/TSB Exterior of Building, north side guard rail
A-95	TSA/TSB Exterior of Building, Fixed Ladder HVAC Unit

A-95	TSA/TSB Exterior of Building, HVAC Unit guard rails
A-96	CPP-663 Fixed Ladder to Roof Hatch
A-97	CPP-1618 Fixed Ladder to Roof Hatch
A-98	CPP-666 FAST (Fuel Side) Room 213 Fixed Ladder
A-99	CPP-666 FAST (Waste Management Side) Fixed Ladder Room 402
A-153	CPP 606 Stair South West Corner 2nd Level #2
A-154	CPP-666 FAST (Waste Management Side) Side Room (SB-7) Stair