

2. AMENDMENT/MODIFICATION NO. 0193	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
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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
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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.

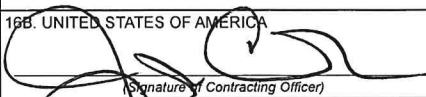
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: 968795604

The purpose of this modification is to add scope at Section C.4.3.02 WAG 1 Test Area North (TAN) and Section J, Attachment 1 (List B), as described in the continuation pages incorporated as part of this modification. The Contractor is directed to continue operations in accordance with 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) Director, Prime Contracts	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Jennifer K. Cate
15B. CONTRACTOR/OFFEROR Thomas M Williams <small>(Signature of person authorized to sign)</small>	15C. DATE SIGNED 06/08/2020
16B. UNITED STATES OF AMERICA  <small>(Signature of Contracting Officer)</small>	16C. DATE SIGNED 6.8.20

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
DE-EM0004083/0193

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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: \$1,935,289,047.00</p> <p>Incrementally Funded Amount: \$1,759,156,985.03</p> <p>This modification increases the Total Contract Value (including Options) by \$157,138 from \$2,034,722,398 to \$2,034,879,536.</p>				1,935,289,047.00

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 at Section C.4.3.02 WAG 1 Test Area North (TAN). The indirect cost under CLIN-1 is also adjusted to reflect this change per Section B.15(g). In addition, Section J, Attachment J-1 List of Applicable DOE Directives (List B) is revised as detailed below.

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 \$117,900 from \$913,614,965 to \$913,732,865.

The Indirect Target Cost is increased by \$21,222 from \$325,641,272 to \$325,662,494.

The Total Target Cost is increased by \$139,122 from \$1,239,256,237 to \$1,239,395,359.

The Cost Incentive (Target) is increased by \$6,887 from \$28,775,495 to \$28,782,382.

The Cost Incentive (Maximum) is increased by \$18,016 from \$72,812,620 to \$72,830,636.
The overall CLIN-1 Max Fee, including milestones and performance fee, is correspondingly increased by \$18,016 from \$147,401,482 to \$147,419,498.

Summary:

The Contract Value is increased by \$157,138 (cost and fee adjustments under CLIN-1) from \$2,034,722,398 to \$2,034,879,536.

The attached B.2(c) Fee Model has been updated to reflect the adjustments 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)	913,732,865	147,419,498		1,386,814,857
Indirect Target Cost w/o ID Spt (Total Pool, PWS C.8)	325,662,494			
	1,239,395,359			
Target Fee			61,350,070	
Subtotal Milestone-Schedule & Performance Fee (B.3(d))		74,588,862		
Subtotal Incremental Cost Incentive Fee		72,830,636		
Cost Incentive Breakout				
Cost Incentive (Max)		72,830,636		12.95%
Cost Incentive (Target)			28,782,382	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)	58,943,095	3,097,100		62,040,195
<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
	1,751,777,932	183,511,115	63,853,265	1,935,289,047
<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 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	1,839,950,123	194,929,414	68,217,789	2,034,879,536
<u>Contract Performance Ceiling (B.6)</u>				
Contract Performance Ceiling	1,500,319,500			
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.

2. **SECTION B.6(a)(2) CONTRACT PERFORMANCE CEILING** is increased by \$157,138 from \$1,500,162,362 to \$1,500,319,500.

3. SECTION C.4.3.02 WAG 1 Test Area North (TAN) is revised to add the following scope:

The Contractor shall provide materials, equipment and services necessary to support the United States Geological Survey (USGS) in drilling a new monitoring/injection well at Test Area North (TAN) for the TAN OU 1-07B TAN Source Action. Scope includes:

- A. Prepare Fluor Idaho/USGS interface agreement (IAG).
- B. Obtain Idaho Department of Environmental Quality (IDEQ) approval for new injection well for Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) remediation.
- C. Prepare Fluor Idaho Work Order.
- D. Perform power management site inspection.
- E. Perform subsurface investigation.
- F. Perform survey of well site location.
- G. Prepare site including construct decontamination area and secondary containment.
- H. Establish work and rad zones.
- I. Prepare Environmental Checklist (EC)/Eco clearance.
- J. Prepare Davis Bacon Determination.
- K. Prepare Radiological Work permit.
- L. Provide waste management services for waste and returns generated during drilling.
- M. Provide well construction oversight including radcon and safety support.
- N. Provide support for USGS pump test, well completion activities and initial well sampling.

Based on this change, the CLIN-1 Direct Target Cost is increased by \$117,900, and the CLIN-1 Indirect Target Cost is increased by \$21,222. The CLIN-1 target fee is increased by \$6,887, and the max fee is increased by \$18,016.

No other changes to Section C.4.3.

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

The following Directive has been removed:

DOE O 350.1 Chg 5 (superseded by DOE O 350.1 Chg 7) – Contractor Human Resource Management Programs

The following Directive has been added. Per Fluor letter CCN 325217 (dated May 19, 2020) there is no cost impact for this additional DOE Order.

DOE O 350.1 Chg 7 – Contractor Human Resource Management Programs

5. 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.4.3.02 WAG 1 Test Area North (TAN), 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 \$157,138 (cost and fee adjustments under CLIN-1).

No other changes to the terms and conditions.