

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 0073	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY Idaho Operations U.S. Department of Energy Idaho Operations 1955 Fremont Avenue Idaho Falls ID 83415	CODE 00701	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 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 X	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. I.100 Changes--Cost Reimbursement (Aug 1987) Alt II and III (Apr 1987) and Section B.15
	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).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	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
This modification revises Section C.4.3.05 WAG 10 Balance of Site Remediation; extends the completion date of the Emergency Communication System upgrade; revises Section H.4 EMPLOYEE COMPENSATION: PAY AND BENEFITS to incorporate the revised Performance Based Incentive Plan; and revises Section H.31 KEY PERSONNEL per the Contractor's request. 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. The Department of Energy is currently operating under a Continuing Resolution (CR). The Contractor is reminded to continue using the utmost caution and prudence in spending during this and any future CR.
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) <i>Theresa M. Wittmann</i> DIRECTOR, PLIAC, EMPLOYERS	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Jennifer K. Cate
15B. CONTRACTOR/OFFEROR <i>Fluor Idaho, LLC</i>	16B. UNITED STATES OF AMERICA
15C. DATE SIGNED 3/20/18	16C. DATE SIGNED 3.21.18

This modification revises Section C.4.3.05 WAG 10 Balance of Site Remediation. The scope requirement for implementing a Field Sampling Plan (FSP) for site CPP-138 and maintaining design documents for Phase II Part B has been determined by the Department to no longer be needed and is replaced with scope for site CPP-142, as detailed below. The parties agree that costs for this scope substitution are de minimis, and therefore a change to the CLIN-1 target cost or fee is not warranted.

In addition, this modification extends the completion date of the Emergency Communication System upgrade, revises Section H.4 EMPLOYEE COMPENSATION: PAY AND BENEFITS to incorporate the revised Performance Based Incentive Plan, and revises Section H.31 KEY PERSONNEL per the Contractor's request.

The following changes are hereby made to the contract:

- 1. Section C.3.2.02 Upgrade of the Emergency Communication System (ECS)** is revised from:

C.3.2.02 Upgrade of the Emergency Communication System (ECS)

The Contractor shall upgrade the Emergency Communication System (ECS) Random Access Digital Audio (RADA) Announcement System. The ECS RADA shall be completed no later than two years from the contract effective date (See Exhibit C-5).

To:

C.3.2.02 Upgrade of the Emergency Communication System (ECS)

The Contractor shall upgrade the Emergency Communication System (ECS) Random Access Digital Audio (RADA) Announcement System. The ECS RADA shall be completed no later than March 31, 2019 (See Exhibit C-5).

- 2. Section C.4.3.05 WAG 10 Balance of Site Remediation** is revised from:

C.4.3.05 WAG 10 Balance of Site Remediation

The Contractor shall prepare and submit to DOE the monthly report required by the FFA/CO Section 17.1 by the 15th day of each month.

The Contractor shall implement the Comprehensive ROD for WAG 10, OU 10-08, for Long-Term Management and Control of ICP sites to ensure remedial action objectives are met.

The Contractor shall maintain all CERCLA records and operate and maintain the environmental databases for all WAGs. This includes, but is not limited to, the Institutional Control (IC) database; the Geographical Information System; the CERCLA Action Tracking System; the Environmental Data Warehouse (EDW); and the Administrative Record and Information Repository.

The Contractor shall implement the Site-Wide Institutional Controls, and Operations and Maintenance (IC & O&M) Plan (DOE/ID-11042).

The Contractor shall prepare a draft 2020 CERCLA 5-year review document for submittal to regulatory agencies by August 15, 2020. The Contractor shall also be responsible for revising and finalizing the 5-year review document per agency comment.

The Contractor shall implement the OU 10-08 Post-Record of Decision Groundwater Monitoring and Field Sampling Plan for OU 10-08 (DOE/ID-11420). The Contractor shall maintain the current CERCLA monitoring well network, including well logging, routine maintenance of existing monitor wells, and the annual reporting of such activities.

The Contractor shall manage and maintain the New Site Process by identifying, tracking, remediating, and documenting the remediation of future new sites in accordance with OU 10-08 ROD and Remedial Design Remedial Action Work Plan (DOE/ID-11418). See Section 5. of DOE/ID-11418. The Contractor shall perform remedial actions at new CERCLA sites identified through the New Site Identification (NSI) process.

The Contractor shall prepare a plug-in remedy memorandum and Explanation of Significant Differences for a removal and disposal plug-in remedy to remove two feet of contaminated gravel from the northern drain (32-TRA), properly plug and abandon both shallow injection wells (32-TRA and 33-TRA at the former location of TRA-655), and maintain institutional controls until the risks have been reduced to acceptable levels. See CERCLA document NSI-25188 for new site TRA-75.

The Contractor shall complete New Site Identification Forms (NSID), Part As, Part Bs, etc. as necessary.

The Contractor shall implement Field Sampling Plans (FSP) and remedial actions in the field.

The Contractor shall implement FSPs for the following new sites:

- TRA-79 (includes TRA-15 and TRA-78) (DOE/ID-11493 Rev. 0). See CERCLA document NSI-26003.
- TRA-80 (includes ATRX courtyard area, TRA-Y, and TRA-19). See CERCLA document NSI-26011.
- CPP-138 (Hot soil at CPP-633). See CERCLA document NSI-26005.

FSP documents for TRA-80, and CPP-138 will be posted to ar.inl.gov when complete.

After the FSPs are implemented for these three sites and characterization data are obtained, the Contractor shall complete Part B of the NSID process for each of the three sites and obtain regulatory agency approval.

The Contractor shall implement the Groundwater Monitoring Plan for ATRX OU 2-13 (DOE/ID-10626).

The Contractor shall implement the Central Facilities Area (CFA) Landfills Long-Term Monitoring and Field Sampling Plan (DOE/ID-11374).

To:

C.4.3.05 WAG 10 Balance of Site Remediation

The Contractor shall prepare and submit to DOE the monthly report required by the FFA/CO Section 17.1 by the 15th day of each month.

The Contractor shall implement the Comprehensive ROD for WAG 10, OU 10-08, for Long-Term Management and Control of ICP sites to ensure remedial action objectives are met.

The Contractor shall maintain all CERCLA records and operate and maintain the environmental databases for all WAGs. This includes, but is not limited to, the Institutional Control (IC) database; the Geographical Information System; the CERCLA Action Tracking System; the Environmental Data Warehouse (EDW); and the Administrative Record and Information Repository.

The Contractor shall implement the Site-Wide Institutional Controls, and Operations and Maintenance (IC & O&M) Plan (DOE/ID-11042).

The Contractor shall prepare a draft 2020 CERCLA 5-year review document for submittal to regulatory agencies by August 15, 2020. The Contractor shall also be responsible for revising and finalizing the 5-year review document per agency comment.

The Contractor shall implement the OU 10-08 Post-Record of Decision Groundwater Monitoring and Field Sampling Plan for OU 10-08 (DOE/ID-11420). The Contractor shall maintain the current CERCLA monitoring well network, including well logging, routine maintenance of existing monitor wells, and the annual reporting of such activities.

The Contractor shall manage and maintain the New Site Process by identifying, tracking, remediating, and documenting the remediation of future new sites in accordance with OU 10-08 ROD and Remedial Design Remedial Action Work Plan (DOE/ID-11418). See Section 5. of DOE/ID-11418. The Contractor shall perform remedial actions at new CERCLA sites identified through the New Site Identification (NSI) process.

The Contractor shall prepare a plug-in remedy memorandum and Explanation of Significant Differences for a removal and disposal plug-in remedy to remove two feet of contaminated gravel from the northern drain (32-TRA), properly plug and abandon both shallow injection wells (32-TRA and 33-TRA at the former location of TRA-655), and maintain institutional controls until the risks have been reduced to acceptable levels. See CERCLA document NSI-25188 for new site TRA-75.

The Contractor shall complete all New Site Identification Forms (NSID) and Part As as necessary.

The Contractor shall implement Field Sampling Plans (FSP) and remedial actions in the field.

The Contractor shall implement FSPs for the following new sites:

- TRA-79 (includes TRA-15 and TRA-78) (DOE/ID-11493 Rev. 0). See CERCLA document NSI-26003.
- TRA-80 (includes ATRX courtyard area, TRA-Y, and TRA-19). See CERCLA document NSI-26011.

FSP documents for TRA-80, and CPP-138 will be posted to ar.inl.gov when complete.

After the FSPs are implemented for these two sites and characterization data are obtained, the Contractor shall complete Part B of the NSID process for each of the two sites and obtain regulatory agency approval.

The Contractor shall prepare a FSP for CPP-142, implement the FSP, abandon the shallow injection well, and after characterization data are obtained, complete Part B of the NSID process for this site and obtain regulatory agency approval.

The Contractor shall prepare Part Bs of the NSID process and obtain regulatory agency approval for the following three sites:

- PBF-39, See CERCLA document NSI-26019;
- TRA-83, See CERCLA document NSI-26020;
- TRA-84, See CERCLA document NSI-26021;

The Contractor shall implement the Groundwater Monitoring Plan for ATRX OU 2-13 (DOE/ID-10626).

The Contractor shall implement the Central Facilities Area (CFA) Landfills Long-Term Monitoring and Field Sampling Plan (DOE/ID-11374).

3. SECTION H.4 EMPLOYEE COMPENSATION: PAY AND BENEFITS, paragraph (n) is incorporated as follows:

(n) Performance Based Incentive Plan:

The revised Performance Based Incentive Plan (PBIP) (dated January 15, 2018) is formally incorporated with this contract modification 073. The intent of this PBIP is to tie a portion of employee compensation to the success of Fluor Idaho, LLC (Fluor Idaho) by motivating participants to safely attain or exceed the objectives outlined in Section C and the schedule milestones identified in Section B of the ICP Core contract. The Fluor Idaho Board of Directors and the Department of Energy, Idaho Operations Office (DOE-ID) jointly approve the overall plan as described in the Attachment A, Final Performance Based Incentive Plan (Rev.1). Concurrence from each party must be obtained should there be any changes to the attached plan.

Attachment A is incorporated as part of this contract modification. Included with this Attachment is an example of how the unallowable and non-reimbursable payroll taxes will be calculated.

4. **SECTION H.31 KEY PERSONNEL**, paragraph (f) is revised to replace Ms. Peggy Davis with Mr. Jamie Miura and to remove Mr. Tom Dieter per the Contractor's request. The Key Personnel for this contract are revised from:

<u>Name</u>	<u>Position</u>
Fred Hughes	Program Manager
Alice Doswell	ESH&Q Manager (ESH&QA Director)
Peggy Davis	Business Manager (Business Director)
Tom Dieter	RWMC/Waste Operations Director and DPM
Michael Swain	INTEC/SNF Director
Mark Jewett	Regulatory Planning & CERCLA Remediation Director
Maurice "Hoss" Brown	AMWTP/ARP Operations Manager

To:

<u>Name</u>	<u>Position</u>
Fred Hughes	Program Manager
Alice Doswell	ESH&Q Manager (ESH&QA Director)
Jamie Miura	Business Manager (Business Director)
Michael Swain	INTEC/SNF Director
Mark Jewett	Regulatory Planning & CERCLA Remediation Director
Maurice "Hoss" Brown	AMWTP/ARP Operations Manager

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 Section C.4.3.05 WAG 10 Balance of Site Remediation, 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.

No other changes to the contract terms and conditions.