

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 3
2. AMENDMENT/MODIFICATION NO. P00074	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY U.S. Department of Energy Idaho Operations Office 1955 Fremont Avenue Idaho Falls ID 83415	CODE 892432	7. ADMINISTERED BY (If other than Item 6) U.S. Department of Energy Idaho Operations Office 1955 Fremont Avenue Idaho Falls ID 83415	CODE 00701
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Idaho Environmental Coalition LLC Attn: John H. MacRae, Jr. 1580 Sawtelle Street Idaho Falls ID 83402		(x)	9A. AMENDMENT OF SOLICITATION NO.
CODE			9B. DATED (SEE ITEM 11)
FACILITY CODE		x	10A. MODIFICATION OF CONTRACT/ORDER NO. 89303321DEM000061
			10B. DATED (SEE ITEM 13) 05/27/2021

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).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Section I.172 FAR 52.243-2 - Changes -- Cost Reimbursement (Aug 1987) - Alt I (Apr 1984)

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: Not Available

UEI: LQ5ZLNE3EM27

Procurement Instrument Identifier (PIID): 89243222FEMTO03

This modification definitizes work scope relating to the Idaho CERCLA Disposal Facility (ICDF) Site Preparation Fiscal Year (FY) 2023 work scope. On July 25, 2023 a Not-to-Exceed (NTE) of \$2.8M was authorized via email so work could begin while the proposal was being developed. Final agreement for cost and fee is shown below. Also, see Task Order 3 (TO-3) attached for further details.

In addition, this modification updates Master IDIQ Attachment J-12, Task Order Tracking 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) J.H.MacRae, Jr. (Jack), Business Services & PCO		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Grace H. Ruiz	
15B. CONTRACTOR/OFFEROR JOHN MACRAE (Affiliate) <small>Digitally signed by JOHN MACRAE (Affiliate) Date: 2023.08.03 12:30:50 -0600'</small> (Signature of person authorized to sign)	15C. DATE SIGNED 3 AUG 23	16B. UNITED STATES OF AMERICA Digitally signed by Grace H. Ruiz <small>Date: 2023.08.03 12:30:50 -0600'</small> (Signature of Contracting Officer)	16C. DATE SIGNED 08/03/2023

Previous edition unusable

NAME OF OFFEROR OR CONTRACTOR
Idaho Environmental Coalition LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00003	<p>Matrix. 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: 10/01/2021 to 09/30/2031</p> <p>Change Item 00003 to read as follows (amount shown is the total amount):</p> <p>Task Order-3 - Integration and Mission Continuity Line item value is: \$706,892,513.00 Incrementally Funded Amount: \$703,699,081.77</p> <p>PIID: 89243222FEMTO03 TASK ORDER 3 - INTEGRATION AND MISSION CONTINUITY</p> <p>This modification incorporates additional work scope to TO-3 Section, C.4.3.01, ICDF New Cell Construction. Section C.4.3.01 is revised to include the following scope of work:</p> <p>Begin substantial site preparation activities (excavation) during Fiscal Year 2023 to ensure that the landfill cell and evaporation ponds are constructed by September 30, 2025. This will be demonstrated, consistent with the site preparation (excavation) design package.</p> <p>See attached TO-3, Integration and Mission Continuity (Phase 1) (Redline). (Note: Attached TO-3, Integration and Mission Continuity (Phase 1) also corrects Table B-2, Estimated Total Price by Funding Category. The Non-Defense Total Estimated Price is updated to incorporate changes from Modification P00071.)</p> <p>Based on the additional scope described above, the TO-3 value is increased by a total of \$2,458,419 (\$2,276,314 direct costs and \$182,105 available fee) from \$704,434,094.00 to \$706,892,513.00. In a separate task order modification, the available fee will be incorporated into the FY 2023 Performance Evaluation Measurement Plan (PEMP) under available subjective award fee.</p> <p>Continued ...</p>				706,892,513.00

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
89303321DEM000061/P00074

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NAME OF OFFEROR OR CONTRACTOR
Idaho Environmental Coalition LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Also attached is the DOE Idaho Cleanup Project (DOE ICP) and Idaho Environmental Coalition (IEC) Risk Registers for this scope of work. Any DOE ICP risk realized will require a formal Request for Equitable Adjustment (REA) to be submitted, reviewed, and approved by DOE ICP.</p> <p>CONTRACTOR'S STATEMENT OF RELEASE: In consideration of the modification agreed to herein as a complete equitable adjustment for the above stated scope of work identified in this contract action, and in accordance with contract Section H.51, Task Ordering Procedure, 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.</p>				

IDAHO CLEANUP PROJECT (ICP)

CONTRACT NO. 89303321DEM000061, PIID: 89243222FEMTO03 MOD P0007~~4~~⁴⁺

TASK ORDER 3 – INTEGRATION AND MISSION CONTINUITY (PHASE 1)

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IDAHO CLEANUP PROJECT (ICP)

CONTRACT NO. 89303321DEM000061, PIID: 89243222FEMTO03 MOD P0007~~4~~⁴⁺

TASK ORDER 3 – INTEGRATION AND MISSION CONTINUITY (PHASE 1)

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TASK ORDER 3 – INTEGRATION AND MISSION CONTINUITY (PHASE 1)

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CONTRACT NO. 89303321DEM000061, PIID: 89243222FEMTO03 MOD P000744

TASK ORDER 3 – INTEGRATION AND MISSION CONTINUITY (PHASE 1)

Section B - Supplies or Services and Prices/Costs

This Task Order work shall be performed under Contract Line Item Number (CLIN) 00003 of the Idaho Cleanup Project (ICP) Contract Master Indefinite Delivery/Indefinite Quantity (IDIQ) Contract (herein referred to as the Master IDIQ Contract). Section B of the Master IDIQ Contract is incorporated by reference. The requisite clause information specific to this Task Order included below is consistent with the clause numbering structure established by the Master IDIQ Contract.

B.1 DOE-B-2012 Supplies/Services Being Procured/Delivery Requirements (Oct 2014)

The Contractor shall furnish all personnel, facilities, equipment, material, supplies, and services (except as may be expressly set forth in this Task Order as furnished by the Government) and otherwise do all things necessary for, or incident to, the performance of work as described in Section C, Performance Work Statement (PWS) under this Task Order.

B.2 Type of Contract

(b) DOE-B-2002 Cost-Plus-Award-Fee Task Order: Total Estimated Cost and Award Fee (Oct 2014) (Revised)

(1) This is a Cost-Plus-Award-Fee type Task Order. The total estimated cost, award fee, and Performance Management Incentive (PMI) fee are as follows (Table B-1):

Table B-1. Estimated Total Price.

Total Estimated Cost:	\$ <u>652,609,548</u> 650,333,234
Award Fee:	\$ <u>51,282,965</u> 51,100,860
PMI Fee FY22 (5 months) and FY23:*	FY22 \$ 1,000,000 FY23 \$ 2,000,000 Total \$ 3,000,000
Total Estimated Price:**	\$ <u>706,892,513</u> 704,434,094

* Amount may be prorated based on the timing of the 12-month fiscal year. The PMI is a contract-wide incentive measured individually among all active Task Orders.

** This total value excludes FY22 IPL work scope that extends into FY24 (IWTU items #29 and #32 and #28a for the INTEC Priority Mod - Crane Upgrade). The FY24 value of these items is \$1,824,423 (\$1,689,281 direct cost and \$135,142 fee). The FY24 scope and amount will be included in TO-3 Phase 2 when the task order is negotiated (anticipated 4th quarter of FY23).

The total estimated cost, award fee, and PMI fee by funding category are as follows: (Table B-2):

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TASK ORDER 3 – INTEGRATION AND MISSION CONTINUITY (PHASE 1)

Table B-2. Estimated Total Price by Funding Category.

Funding Category	Total Estimated Cost	Award Fee	PMI Fee	Total Estimated Price
Defense	\$ <u>585,612,407</u> 583,336,093	\$ <u>46,172,888</u> 45,990,783	\$ 3,000,000	\$ <u>634,785,295</u> 632,326,876
Non-Defense	\$ 7,968,053	\$ 469,516	\$ -	\$ <u>8,437,569</u> 6,413,352
Navy	\$ 57,990,801	\$ 4,558,228	\$ -	\$ 62,549,029
Other Sites	\$ 1,038,287	\$ 82,333	\$ -	\$ 1,120,620
Total	\$ <u>652,609,548</u> 650,333,234	\$ <u>51,282,965</u> 51,100,860	\$ 3,000,000	\$ <u>706,892,513</u> 702,409,877

“The Contractor’s’ Task Order proposal is subject to audit in accordance with DEAR 915.404-2-70(b). Therefore, the terms and conditions of this Task Order are subject to renegotiation, pending resolution of an external audit(s) of the Contractor’s proposal. At the time of Task Order issuance, an external audit(s) of the Contractor’s proposal was not complete. Therefore, the parties agree that the negotiated price and other terms and conditions may be subject to a downward adjustment based on the results of any audit report(s) and resolution of audit findings. Nothing in this clause shall release the Contractor from any obligation of performance contained in the Task Order.”

- (2) The Total Estimated Cost and Fee of the Task Order, and/or the Total Estimated Cost and Fee of the Contract Line Items, is as follows (Table B-3):

Table B-3. Task Order Structure

TO Number	TO Title	TO Type	Estimated Cost	Award Fee:	PMI Fee:*	Total Estimated Price:
TO-3	Integration and Mission Continuity (Phase 1)	CPAF	\$ <u>652,609,548</u> 650,333,234	\$ <u>51,282,965</u> 51,100,860	FY22 - \$1,000,000 FY23 - \$2,000,000 Total - \$3,000,000	\$ <u>706,892,513</u> 704,434,094
TO = Task Order			CPAF = Cost-Plus-Award-Fee			

** Amount may be prorated based on the timing of the 12-month fiscal year. The PMI is a contract-wide incentive measured individually among all active Task Orders.*

- (3) Payment of fee will be made in accordance with this clause, Section B.13 of the Master IDIQ Contract, and other applicable clauses of the Task Order. The Government will pay the Contractor fee that is earned from the annual available fee by fiscal year, as specified in Table B-4 below.
- (4) Task Order 3 Attachment entitled, *Performance Evaluation Measurement Plan (PEMP)*.
- (i) The CO will unilaterally issue a PEMP for each evaluation period that establishes the criteria and procedures for evaluating the Contractor’s performance for the purpose of determining fee earned. The PEMP may be revised unilaterally by the CO at any time during the

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TASK ORDER 3 – INTEGRATION AND MISSION CONTINUITY (PHASE 1)

evaluation period. While the PEMP incentives may be unilaterally developed by DOE, the expectation is that a teaming approach between DOE ICP and the Contractor will be used. The PEMP will include, as a minimum, the following:

- (A) Evaluation criteria linked to the contract’s performance objectives as defined in terms of cost, schedule, technical, or other contract performance requirements or objectives.
 - (B) Means of how the Contractor’s performance will be measured against the evaluation criteria.
 - (C) Fee evaluation period.
 - (D) Amount of the total annual available fee that is allocated to the evaluation period, including the allocation for subjective award fee criteria and objective award fee criteria.
 - (E) Methodology for application of subjective evaluation ratings or attainment of predetermined objectives to earned fee.
 - (F) Use of rollover of unearned fee is prohibited.
- (ii) The length of evaluation periods will align to the 12-month Government fiscal year (FY). For FY22, the initial PEMP will cover five months (May 1 – September 30, 2022), followed by a 12-month PEMP for FY23. The evaluation periods should provide a balance between the Contractor’s ability to have sufficient performance time for the Government to evaluate, but evaluation periods should provide the ability for the Government to provide timely evaluations on the Contractor’s performance without being administratively burdensome.
- (5) Fee Determination. Fee decisions are made solely at the discretion of the Government, including but not limited to, the characterization of the Contractor's performance, amount of earned fee, if any, and the methodology used to calculate the earned fee.
- (6) Unsatisfactory Performance. In accordance with FAR 16.401, award fee shall not be earned if the contractor’s overall cost, schedule, and technical performance in the aggregate is below satisfactory. The basis for all award-fee determinations shall be documented in the contract file to include, at a minimum, a determination that overall cost, schedule and technical performance in the aggregate is or is not at a satisfactory level. This determination and the methodology for determining the award fee are unilateral decisions made solely at the discretion of the Government.
- (7) Total Available Fee Distribution. Table B-4 delineates the Total Available Award Fee Distribution as fee allocations, contract definitization, and final fee determinations are made for each fiscal year.

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TASK ORDER 3 – INTEGRATION AND MISSION CONTINUITY (PHASE 1)

Table B-4. Available Award Fee Distribution

Task Order Period	Available Fee as Originally Awarded	Fee Associated with Task Order Changes	Total Available Fee	Available Fee Earned & Paid	Fee Forfeited
Fiscal Year 2022 Award Fee PMI Fee*	\$ 13,772,417 \$ 1,000,000	\$ 487,503	\$ 14,259,920 \$ 1,000,000	TBD	TBD
Fiscal Year 2023 Award Fee PMI Fee*	\$ 32,799,695 \$ 2,000,000	\$ <u>4,223,350</u> 4,041,245	\$ <u>37,023,045</u> 36,840,940 \$ 2,000,000	TBD	TBD
Total	\$ 49,572,112	\$ <u>4,710,853</u> 4,528,748	\$ <u>54,282,965</u> 54,100,860	TBD	TBD

* Amount may be prorated based on the timing of the 12-month fiscal year. The PMI is a contract-wide incentive measured individually among all active Task Orders.

(8) Task Order Description:

TO-3 – Integration and Mission Continuity (Phase 1)

Integration and Mission Continuity (IMC) TO includes uninterrupted operations of work scope identified in Section C, while both parties work towards the development of individual End State TOs. Timing for preparation of the End State TOs will be dependent on the DOE’s priority for the work scope, and TOs will be developed and sequenced collaboratively using an Integrated Priority List process.

As the End State TOs are developed, negotiated, and implemented, the IMC Phase 1 TO will continue to house the core programs that maintain a comprehensive and effective continuity capability across ICP projects to support achievement of defined End States. At the completion of the IMC Phase 1 TO period of performance, programmatic support, along with any IMC Phase 1 TO scope that has not been captured in End State TOs, will be transferred to the IMC Phase 2 TO. TO-3 scope shall be performed in accordance with the Section C PWS sections of the Master IDIQ Contract, identified below. Costs are reimbursed based on allowable actual costs billed to the Task Order.

B.4 DOE-B-2013 Obligation of Funds (Oct 2014)

- (a) Pursuant to the clause of this contract in FAR 52.232-22, *Limitation of Funds*, total funds in the amount(s) specified below are obligated for the payment of allowable costs. It is estimated that this amount is sufficient to cover performance through the date(s) shown below.

Obligated funding shall only be used for the specific task order as designated in the Contract and shall not be used for any other task order.

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TASK ORDER 3 – INTEGRATION AND MISSION CONTINUITY (PHASE 1)

B.13 Performance Management Incentive

The Performance Management Incentive (PMI) fee allocated to this Task Order is \$1M (\$1M for FY22 and \$2M for FY23).

Section C - Performance Work Statement

C.1 Task Order Requirements

The Contractor shall perform the following sections of the Performance Work Statement (PWS) of the Master IDIQ Contract:

- C.3.0 EM Facility Infrastructure (including sub parts)
 - Mod P00045 IPL Item #28a *INTEC Priority Mods – Crane Upgrades* is added to Section C.3.2 – EM Facility Infrastructure at INTEC
 - Mod P00045 IPL Item #28b *INTEC Priority Mods – Fire Water System* is added to Section C.3.2 – EM Facility Infrastructure at INTEC
 - Mod P00045 IPL Item #28c *INTEC Priority Mods – Utility Tunnel* is added to Section C.3.2 – EM Facility Infrastructure at INTEC
 - Mod P00045 IPL Item #28d *Upgrade INTEC Distributed Control System* is added to Section C.3.2 – EM Facility Infrastructure at INTEC
 - Mod P00054 FY 2023 IPL Item #32 *INTEC Cell Phone Coverage* is added to Section C.3.2 – EM Facility Infrastructure at INTEC
 - Mod P00054 FY 2023 IPL Item #34 *Light Emitting Diode (LED) Lighting Upgrades – CPP-659* is added to Section C.3.2 – EM Facility Infrastructure at INTEC
 - Mod P00054 FY 2023 IPL Item #36a *INTEC Liquid Waste Management System (ILWMS) Closure – Replace Reboiler* is added to Section C.3.2 – EM Facility Infrastructure at INTEC
 - Mod P00054 FY 2023 IPL Item #36b *ILWMS Closure – Liquid Effluent Treatment and Disposal (LET&D) High-efficiency Particulate Air (HEPA) and Knife Valve Replacement, New Waste Calcining Facility (NWCF) Calcine Exhaust HEPA Filter Replacement and Lead Blanket Disposition* is added to Section C.6.3
 - Mod P00062 Section C.3.2 INTEC, is revised to include the following work scope:
 - The Contractor shall procure and install a new compressor to replace COM-UTI-616 which has recently failed.
- C.4.0 CERCLA Remediation (Including sub parts)
 - Except C.4.4.05 WAG 7 RWMC CERCLA Remediation (as related to the disposition of the Organic Contamination in the Vandose Zone (OCVZ) system and well closure) included in Task Order 4a (TO-4a), Accelerated Retrieval Project (ARP)/Subsurface Disposal Area (SDA) and OCVZ Well Abandonment as of FY 2023
 - Mod P00045 Section C.4.2 *RWMC SDA Cap* is revised to include:
 - SDA Cap Toe Redesign
 - Mod P00045 IPL Item #20 *ICDF Cell Expansion (Line Item)* is added to Section C.4.3 – Idaho CERCLA Disposal Facility (ICDF)
 - Mod P00054 FY 2023 IPL Item #30 *Subsurface Disposal Area (SDA) Cap Contaminated Sludge Shipments* is added to Section C.4.2 – RWMC SDA Cap
 - Mod P00065 Section C.4.3.01 ICDF New Cell Construction (FY23) is revised as follows: The Contractor shall incorporate the following work scope in FY23 to support the new cell construction:

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TASK ORDER 3 – INTEGRATION AND MISSION CONTINUITY (PHASE 1)

- ICDF Expansion Cell 3 Conceptual Design
- ICDF RD/RA SOW-Civil
- Prepare Draft Design - ICDF Civil
- Prepare Draft Design - ICDF Cell/Evap Pond
- CD-3A Package - LL Procure./Site Prep
- Remedial Design/CWP - ICDF Civil
- Remedial Design/CWP - ICDF Cell/Evap Pond
- EVMS Activities - ICDF
- Update RAWP to Incorporate ESD - Cells 1 & 2
- ICDF Cell 3 Civil Constructability Review
- Site Prep & Excavation - ICDF Civil
- Construction Quality Assurance Constr. Report-ICDF Civil
- ICDF Cell 3 & Evap Pond Constructability Review
- PM Support
- Mod P00074 Section C.4.3.01 ICDF New Cell Construction (FY23) is revised to incorporate the Contractor shall begin substantial site preparation activities (excavation) during FY23 to ensure that the landfill cell and evaporation ponds are constructed by September 30, 2025. This will be demonstrated, consistent with the site preparation (excavation) design package.
- C.5.0 Waste Management (Including sub parts)
 - C.5.1- In accordance with the requirements of PWS C.5.1 and subparts, the Contractor shall continue preparations for receipt, treatment, packaging and disposal at the Waste Isolation Pilot Plant (WIPP) of two (2) Nevada Test Spheres currently stored at Nevada National Security Site.
 - Mod P00045 IPL Item #26 *Waste Disposition Characterization Support* is added to Section C.5.1 – CH-TRU Waste Disposition
 - Mod P00045 IPL Item #27 *TRU Disposition Containers/Materials* is added to Section C.5.1 – CH-TRU Waste Disposition
 - Mod P00045 IPL Item #25 *TRU Disposition Lot 11* is added to Section C.5.3 – RH-TRU Waste Disposition
 - Except C.5.6 RCRA Closure of RWMC Facilities included in TO-4a as of FY 2023
 - Mod P00054 FY 2023 IPL Item #28 *Transuranic Storage Area – Retrieval Enclosure (TSA-RE) Deactivation* is added to Section C.5.6 – RCRA Closure of RWMC Facilities
 - Mod P00054 FY 2023 IPL Item #31 *Transuranic (TRU) Contaminated Sludge Shipments* is added to Section C.5.1.02 – CH-TRU Characterization and Certification
- C.6.0 Liquid Waste Facility Closure (including sub parts)
 - Mod P00045 IPL Item #23 *IWTU Material Procurements* is added to Section C.6.1 – Integrate Waste Treatment Unit (IWTU) Operations
 - Mod P00045 IPL Item #24 *IWTU Recovery/Emerging Activities* is added to Section C.6.1 – Integrate Waste Treatment Unit (IWTU) Operations
 - Mod P00045 IPL Item #29 *IWTU Product Storage Building* is added to Section C.6.1 – Integrate Waste Treatment Unit (IWTU) Operations
 - Mod P00045 IPL Item #32 *IWTU Priority Modifications* is added to Section C.6.1 – Integrate Waste Treatment Unit (IWTU) Operations
 - Mod P00045 Section C.6.2 is revised to include:
 - Joule Heated Vitrification Studies for INTEC Calcine Waste Applications
 - Mod P00050 Section C.6.2 is revised to include:

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TASK ORDER 3 – INTEGRATION AND MISSION CONTINUITY (PHASE 1)

- The Contractor shall develop a Technology Assessment and Validation Strategy to identify the critical path aspects needed to realize system validation and adequacy for calcined solids at the Idaho Site and H-Canyon effluent at the Savannah River Site. Task 2 will outline the required activities and strategy to bring the CCIM technology to a TRL of 4, indicating the technology is ready for insertion into the Critical Decision system.
- Mod P00054 FY 2023 IPL Item #29 *Vault Pad Construction* is added to Section C.6.1 – IWTU Operations
- Mod P00054 FY 2023 IPL Item #37 *IWTU Spare Decon Robot* is added to Section C.6.1 – IWTU Operations
- C.7.0 Spent Nuclear Fuel (SNF) Management (including sub parts)
 - Mod P00045 IPL Item #21 *SNF Staging Facility Pre-Conceptual Planning* is added to Section C.7.1 – Defense EM-Funding SNF Activities
 - Mod P00045 IPL Item #22 *SNF Staging Facility Planning (Line Item)* is added to Section C.7.1 – Defense EM-Funding SNF Activities
 - Mod P00060 – Removes the work scope for the design and installation of a secondary roof over the existing roof of CPP-603.
 - Mod P00064 – FY 2023 IPL Item *SNF Staging Facility (Line Item) FY 2023 CD-1 process* is added to Section C.7.1 – Defense EM-Funding SNF Activities
 - Mod P00071 adds the following non-defense IPL work scopes to Section C.7.2 – Non-Defense EM-Funded SNF Activities:
 - Item #8 - TMI-2 Aging Management Repairs
 - Item #6 - TMI-2 Tool replacement
 - Item #13 - TMI-2 Asphalt Sealing
 - Item #26 - Install concrete pad beneath TMI-2 Delta Barrier and reconfigure vehicle barrier
 - Item #2a - 2a-Mobile Radio Updates - Replace 20 Radios
 - Item #2b- 2a-Mobile Radio Updates - Replace 20 Radios
 - Item #2c - 2c-Mobile Radio Updates - Update radio flash capability
 - Item #2d - 2d-Mobile Radio Updates - Radio Booster
 - Item #3 - Install FSV Phone Lines
 - Item #5 - Procure racks for FSV vault
 - Item #7 - Relocated Defensive Positions
 - Item #9 - New FSV Furnishings and Equipment
 - Item #11 - Microwave upgrade
 - Item #14 - FSV Road Repair
 - Item #16 - Update Radiation Control Equipment
 - Item #18 - Charge Face Paint Surfaces Repair
 - Item #23 - Enable FSV buildings to accommodate backup power
 - Item #24 - GSA Safe and Replace
 - Item #25 - FSV Admin Building Secure Room Updates & HVAC Access
 - Item #31 - Purchase scanner and shredder for WCB 240D
 - Item #37 - FSV SABRE Procurement
 - Item #4 - FSV Remote Inspections
 - Item #10 - Vindicator ACS Online Training
 - Item #12 - FSV Safe & Vault Tech & Inspector Training
 - Item #22 - Train Additional Certified Fuel Handlers at FSV
 - Item #33 - Rollup Gate
 - Item #34a - FSV Road and Parking Lot

IDAHO CLEANUP PROJECT (ICP)

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TASK ORDER 3 – INTEGRATION AND MISSION CONTINUITY (PHASE 1)

- C.8.0 Facility Demolition and Dismantlement (D&D)
 - Except as related to the disposition of RWMC facilities within the updated footprint of the SDA Cap included in TO-4a as of FY 2023
 - Mod P00042
 - Conduct evaluation of S1W Crane for possible repairs
 - Purchase one additional asbestos trailer to be used for decontamination
 - Purchase one Dust Suppression System
 - Purchase 20 additional Roll On Roll Off's (ROROs) for transferring loads from the job site
 - Purchase 28 of 90-cu/ft waste containers and 54 of 18-cu/ft waste containers for transferring waste from the job site
 - Start up and restore the NRF 125 Ton Crane
 - Paving of an additional 1,500 LF of asphalt sidewalks on the East side of the trailers for safety
 - Preparation and submittal of the S5G Engineering Evaluation/Cost Analysis (EE/CA).
 - Mod P00048 adds the following work scope to Section C.8.0:
 - Deactivation NRF-601 Third Floor
 - ACM/Haz removal – NRF 601 Area 3-1001
 - NRF 601 W-Waste Package & Disposal-1002
 - Deactivation NRF-601 High Bay Interior
 - Loose M&E Deactivation including:
 - Perform characterization sampling-1022
 - ACM/Haz Waste Removal-1023
 - Material/Equipment removal-1024
 - Loose M&E waste packaging and Sampling-1025
 - Stainless steel tank deactivation including:
 - Perform characterization sampling-1026 & 1027
 - Disposition Lead shielding-1028
 - Prep tank for disposal-1029
 - Perform final status survey/FSS-1030
 - Deactivation NRF-601 Prototype Reactor Compartment
 - Reactor Compartment Upper Level including:
 - Perform Characterization-1054
 - ACM/Haz Waste packaging and disposal-1055
 - Ancillary equip draining (primary cooling)-1056
 - System/component wiring removal-1057
 - Waste Packaging and disposal-1058
 - Deactivation NRF-601 Prototype Ancillary Equipment
 - Ancillary Prototype Equipment Deactivation including:
 - Perform characterization sampling-1075
 - ACM/Haz Waste removal-1076
 - Perform low point ancillary equip draining-1077
 - Exterior prototype ancillary steam/condensate sys removal F-1078
 - Controlled Demolition Inc. (CDI) engineering evaluation for the air overpressure and seismic analysis start
 - Misc. Project Support Items as needed

IDAHO CLEANUP PROJECT (ICP)

CONTRACT NO. 89303321DEM000061, PIID: 89243222FEMTO03 MOD P0007~~4~~

TASK ORDER 3 – INTEGRATION AND MISSION CONTINUITY (PHASE 1)

- Perform the initial planning for future A1W & S5G Deactivation, Decommissioning, and Demolition work scope at NRF. The planning will include a P6 schedule (level 3) from inception through completion of demolition of each facility and a “Rough Order of Magnitude” (ROM) cost estimate for each project lifecycle.C.9.0 Program Management and Support Programs (including sub parts)
- Mod P00069 adds the following works scope to section C.8.0 (in addition to what was previously added in modification P00048):
 - Infrastructure Relocation to Area 2 installation of potable water and sanitary sewer lines.
 - Procure 352 Excavator and Attachments (Capital)
 - General Equipment Procurements (Capital)
 - General Equipment Procurements
 - A1W Project Management
 - A1W Technical Support and Planning
 - A1W Steam and Condensate Lines
 - A1W NRF-640 Dumping Condenser/641 Rigger Storage Building Deactivation
 - A1W NRF-640 Dumping Condenser/641 Rigger Storage Building Demo.
- Section C.9.0 Program Management and Support Functions
 - Mod P00047 revises contract section C.9.3 Environment, Safety, Health, and Quality to include the following scope of work:
 - The contractor shall prepare the Polyfluoroalkyl Substances (PFAS) Implementation Plan. The plan is due December 19, 2022.Mod P00054 FY 2023 IPL Item #33 *DOE O 436.1 Energy Audits* is added to Section C.9.3 – Environment, Safety, Health and Quality

The Contractor shall take all reasonable steps necessary to develop End State TOs as defined in the Ten-Year End State Strategic Task Order Plan or other TOs as agreed to by DOE and IEC.

The Contractor shall partner with the DOE to begin development of an Integrated Priority List (IPL).

Note: When final the IPL will be approved by DOE and will identify ICP priorities for work planning purposes at planned budget levels and for budget fluctuations and/or Contractor efficiencies.

In addition, the scope of work identified below falls within the general scope of work under section C and is included in DOE’s position. This is the work identified in IEC’s proposal as “Planned Above Target” (Defense only):

- E.2.03.35.02 - TO3-CH-TRU Packaging, Transportation, and Procurement
- E.2.03.31.02 - TO3-CH-TRU Characterization Classifiers
- E.3.06.34.04 - TO3-IWTU Ops Temp N2 Supply (Skids)
- E.1.02.35.02 - TO3-125B Engineering
- E.1.02.35.03 - TO3-125B Cask Move – Subcontract
- E.1.02.35.01 - TO3-125B Management
- E.6.03.30.01 - TO3-ATO – (Basis for Cyber Security Program)
- E.6.03.31.01 - TO3-CDM Cyber Implementation
- E.6.03.31.02 - TO3-CDM Cyber Support
- E.6.02.30.01 - TO3-PC Refresh
- E.6.02.30.02 - TO3-PC Refresh Procurement

IDAHO CLEANUP PROJECT (ICP)

CONTRACT NO. 89303321DEM000061, PIID: 89243222FEMTO03 MOD P0007~~4~~

TASK ORDER 3 – INTEGRATION AND MISSION CONTINUITY (PHASE 1)

- E.6.02.31.01 - TO3-Network Refresh
- E.6.02.31.02 - TO3-Network Refresh Furnish and Install Subcontract (Planning Package)
- E.6.02.31.03 - TO3-Network Refresh Support
- E.6.02.32.01 - TO3-Offline Storage (Ransomware)
- E.6.02.33.01 - TO3-IPv6
- E.6.02.33.02 - TO3-IPv6 Planning Package

Section D - Packaging and Marking

Section D of the Master IDIQ Contract is incorporated by reference, as applicable.

Section E - Inspection and Acceptance

Section E of the Master IDIQ Contract is incorporated by reference, as applicable.

Section F - Deliveries or Performance

Section F of the Master IDIQ Contract is incorporated by reference, as applicable. The requisite clause information specific to this Task Order included below is consistent with the clause numbering structure established by the Master IDIQ Contract.

F.3 Period of Performance

- (b) The overall Task Order Period of Performance (POP) is estimated to be 17 months from the Task Order Issue date.

Section G - Contract Administration Data

Section G of the Master IDIQ Contract is incorporated by reference, as applicable.

Section H - Special Contract Requirements

Section H of the Master IDIQ Contract is incorporated by reference, as applicable.

Section I - Contract Clauses

Section I of the Master IDIQ Contract is incorporated by reference, as applicable.

Section J - List of Attachments

Section J of the Master IDIQ Contract is incorporated by reference, as applicable. The Contractor shall submit the required deliverables under this TO in accordance with Attachment J-2 *Contract Deliverables* of the Master IDIQ Contract.



FY 23 Additional Scope New ICDF Cell Risk Register

Contract No. 89303321DEM000061, PIID 89243222FEMTO03
 TO-3 Project Risk Register - ICDF Site Preparation FY 2023
 IEC Risks

Idaho Cleanup Project Programmatic Risk Register

Updated : 7/06/23

Risk ID	WBS	Responsible Organization	Risk Owner	IEC Risk Back-up	Risk Title	Risk Description	Trigger Event	Status	Handling Strategy	Risk Type	Risk Event Likelihood	Risk Impact	Risk Rating	Cost Impacts			Schedule Impacts (in days)			Basis of Impacts	Mitigation/Enhancement Actions	Date Identified	Last update
														Best Case	Most Likely	Worst Case	Best Case	Most Likely	Worst Case				
NICDF020	E.4.06.30	IEC	Reese, Craig		Excavation Uncovered Unanticipated Materials	While doing excavation there is a chance to have unforeseen circumstances (i.e. rad contamination) to occur that can cause a delay in the schedule or a need to assess a new path forward.	Discovering: (Examples) Basalt pockets, Un-identified utilities, Rad contamination Archaeology artifacts	Open	Accept	Threat	Rare	Minor	1-Low	\$ 30,000	\$ 75,000	\$ 720,000	2	5	48	Best Case: 2 days X 10 hrs/dy X 20 FTEs X \$75/hr Most Likely Case: 5 days X 10 hrs/dy X 20 FTEs X \$75/hr Worst Case: 48 days X 10 hrs/dy X 20 FTEs X \$75/hr	N/A	9/21/2022	7/6/2023
NICDF027	E.4.06.31	IEC	Reese, Craig		Industrial Incident Resulting in Shutdown	An industrial incident resulting in serious personnel injury may cause an extended shutdown to resolve conduct of operations issues.	An unanticipated accident resulting in injury or near miss	Open	Mitigate	Threat	Rare	Minor	1-Low	\$ 60,000	\$ 150,000	\$ 720,000	2	5	48	Best Case: 2 days X 10 hrs/dy X 20 FTEs X \$75/hr Most Likely Case: 5 days X 10 hrs/dy X 20 FTEs X \$75/hr Worst Case: 48 days X 10 hrs/dy X 20 FTEs X \$75/hr	Implement the following possible mitigations: • Perform refreshers for stop work/pauses. • Self-assess training/qualification adequacy. • Enhanced pre-job briefings for critical activities.	9/21/2022	7/6/2023
NICDF030	E.4.06.34.02, E.4.06.34.03	IEC	Reese, Craig		Overtime required	To maintain project schedule, overtime is required to maintain or recover project schedule	Overtime is needed to maintain project schedule	Open	Accept	Threat	Possible	Minor	2-Low	\$ 120,000	\$ 300,000	\$ 720,000	8	20	48	Best Case: 8 days X 10 hr/dy X 20 FTEs X \$75/hr Most Likely Case: 20 days X 10 hr/dy X 20 FTEs X \$75/hr Worst Case: 48 days X 10 hr/dy X 20 FTEs X \$75/hr	N/A	12/8/2022	7/6/2023
NICDF034	E.4.06.31	IEC	Reese, Craig		Identification of Contamination	Radiological and/or hazardous contamination is discovered outside the boundaries of known sources.	Contamination is identified	Open	Mitigate	Threat	Possible	Minor	2-Low	\$ 30,000	\$ 75,000	\$ 300,000	2	5	20	Best Case: 2 days X 10 hrs/dy X 20 FTEs X \$75/hr Most Likely Case: 5 days X 10 hrs/dy X 20 FTEs X \$75/hr Worst Case: 20 days X 10 hrs/dy X 20 FTEs X \$75/hr	Implement the following possible mitigations: • Conduct increased area of surveys to make early identification • Stage additional decontamination equipment and supplies	12/8/2022	7/6/2023



DOE: FY23 Additional Scope New ICDF Cell Risk Register

Contract No. 89303321DEM000061, PIID 89243222FEMTO03
 TO-3 Project Risk Register - ICDF Site Preparation FY 2023
 DOE Risks

Idaho Cleanup Project Programmatic Risk Register

Updated : 7/6/23

Risk ID	WBS	Responsible Organization	Risk Owner	IEC Risk Back-up	Risk Title	Risk Description	Trigger Event	Status	Handling Strategy	Risk Type	Risk Event Likelihood	Risk Impact	Risk Rating	Cost Impacts			Schedule Impacts (in days)			Basis of Impacts	Mitigation Actions	Date Identified	Last update
														Best Case	Most Likely	Worst Case	Best Case	Most Likely	Worst Case				
NICDF007	E.4.06.32.01	DOE	DOE FPD	Reese, Craig	Lowering the Cell causes finding basalt	If DOE/Tribes insist on lowering the cell berm by 7 feet (reducing visual footprint) then a modification in design and excavation would be required. The project would have to re-design the cell, requiring rotating the cell 90°, and excavating 7 feet deeper than currently estimated.	During deeper excavation of cell, basalt is encountered. Takes longer to excavate.	Open	Transfer	Threat	Almost Certain	Minor	3-Moderate	\$ 150,000	\$ 300,000	\$ 720,000	10	20	48	Best Case: 10 days X 10 hrs/dy X 20 FTEs X \$75/hr Most Likely Case: 30 days X 10 hrs/dy X 20 FTEs X \$75/hr Worst Case: 90 days X 10 hrs/dy X 20 FTEs X \$75/hr	Propose transfer to DOE-ID.	9/21/2022	7/6/2023
NICDF016	E.4.06.30	DOE	DOE FPD	Reese, Craig	Supply Chain Delays and Cost Increases.	Due to emerging local, regional, and/or international events the supply chain is impacted limiting the ability to procure or accurately estimate the cost and time necessary to acquire necessary materials, services, and personnel.	Examples: • Equipment not available when needed • Bentonite not available when needed • Geosynthetics not available when needed	Open	Transfer	Threat	Almost Certain	Minor	3-Moderate	\$ 150,000	\$ 300,000	\$ 960,000	5	10	32	Best Case: 5 days X 10 hrs/dy X 20 FTEs X \$75/hr Most Likely Case: 30 days X 10 hrs/dy X 20 FTEs X \$75/hr Worst Case: 32 days X 10 hrs/dy X 20 FTEs X \$75/hr	Propose transfer to DOE-ID.	9/21/2022	7/6/2023

Attachment J-12

Task Order Tracking Matrix

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	Procurement Instrument Identifiers (PIID) #	Task Order Number (STRIPES)	Issue Date	Title	Task Order Type	Task Order Period of Performance	Task Order Value (Cost + Fee + PMI)	Note
1	89243222FEMTO01	TO-1	5/27/2021	Contract Transition Period	Cost (No Fee)	90 days October 1, 2021 to December 31, 2021	\$3,586,924	
2	89243222FEMTO02	TO-2	12/2/2021	Implementation Period	CPFF	4 months January 1, 2022 to April 30, 2022	\$167,453,956	
3	89243222FEMTO03	TO-3	04/27/2022	Integration and Mission Continuity	CPAF	17 Months May 1, 2022 to September 30, 2023	\$706,892,513 704,434,094	PMI included for FY22 and FY23
4	89243223FEMTO04	TO-4a	10/04/2022	Accelerated Retrieval Project (ARP)/Subsurface Disposal Area (SDA) Demolition and Organic Contamination Vadose Zone (OCVZ) Well Abandonment	CPIF	27 months October 4, 2022 to December 31, 2024	\$91,920,657	
	Total of All Task Orders						\$969,854,050 967,395,631	
	IDIQ Maximum Value of Task Order (Ceiling)						\$6,400,000,000	