

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1   4
2. AMENDMENT/MODIFICATION NO. P00040	3. EFFECTIVE DATE 10/04/2022	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: Jason Mack 600 William Northern Blvd Tullahoma TN 373884729		(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).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: SECTION H.51 TASK ORDERING PROCEDURE
	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: Not Available  
UEI: LQ5ZLNE3EM27

Procurement Instrument Identifier (PIID): 89243222FEMTO03, 89243222FEMTO04

Task Order - 3 Integration and Mission Continuity, Task Order 4a - ARP/SDA Demolition and OCVZ Well Abandonment

The purpose of this modification is to award Task Order 4a (TO-4a), Accelerated Retrieval Project (ARP)/Subsurface Disposal Area (SDA) Demolition and Organic Contamination in the Vadose Zone (OCVZ) Well Abandonment, and to transfer the applicable work scope from Task Order 3 (TO-3), Integration and Mission Continuity, to Task Order 4a.

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) Kimberli Southwick, Business Services Deputy Director, CFO		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Grace H. Ruiz	
15B. CONTRACTOR/OFFEROR KIMBERLI SOUTHWICK (Affiliate) <i>(Signature of person authorized to sign)</i>	15C. DATE SIGNED Digitally signed by KIMBERLI SOUTHWICK Date: 2022.10.04 15:41:05 -06'00'	16B. UNITED STATES OF AMERICA Digitally signed by Grace H. Ruiz Grace H. Ruiz <i>(Signature of Contracting Officer)</i>	16C. DATE SIGNED 10/04/2022

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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)
00003	<p>Payment:  OR for Idaho  U.S. Department of Energy  Oak Ridge Financial Service Center  P.O. Box 6017  Oak Ridge TN 37831</p> <p>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: \$641,055,708.00  Incrementally Funded Amount: \$316,916,504.19</p> <p>PIID: 89243222FEMTO03  TASK ORDER 3 - INTEGRATION AND MISSION CONTINUITY</p> <p>Total TO-3 value is decreased by \$33,800,849 from \$674,856,557 to \$641,055,708.</p> <p>Following is a summary of the costs and fee that are deducted from TO-3 and transferred into TO-4a:</p> <p>\$ 24,988,116 Direct Costs  \$ 6,813,684 Indirect Costs  \$ 1,999,049 Award Fee  \$ 33,800,849 Total</p> <p>The updated scope of work for TO-3 can be found in Section C in the TO-3 Attachment.</p> <p>CONTRACTOR'S STATEMENT OF RELEASE: In consideration of the modification agreed to herein as a complete equitable adjustment for TO-3 scope of work identified in this contract action, and in accordance with contract Section H.51 Task Order Procedures, 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> <p>Change Item 00004 to read as follows (amount shown is the total amount):</p> <p>Continued ...</p>				641,055,708.00

**CONTINUATION SHEET**

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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)
00004	<p>Task Order-4a - ARP/SDA Demolition and OCVZ Well Abandonment Line item value is: \$91,920,657.00 Incrementally Funded Amount: \$3,000,000.00</p> <p>PIID: 89243222FEMTO04 TASK ORDER 4a - ARP/SDA DEMOLITION AND OCVZ WELL ABANDONMENT</p> <p>The scope of work for TO-4a can be found in Section C in the TO-4a Attachment. The period of performance will begin October 4, 2022 through December 31, 2024. This is a cost-plus-incentive-fee (CPIF) type TO. The TO value of \$91,920,657.00 includes an estimated total cost of \$82,225,067 (direct cost of \$64,637,267 and indirect costs of \$17,587,800) and maximum incentive fees of \$9,695,590.00. Incentive fees are based on direct costs and are as follows:</p> <p>Cost Incentive Fee: Target Fee (2.5%) \$1,615,932 Maximum Fee (5.0%) \$3,231,863 Minimum Fee (0%) \$0</p> <p>Performance Incentive Fee: Maximum Fee (7.0%) \$4,524,609 Minimum Fee (0%) \$0</p> <p>Schedule Incentive Fee: Maximum Fee (3.0%) \$1,939,118 Minimum Fee (0%) \$0</p> <p>Additional details pertaining to each contract section can be found in the TO-4a Attachment.</p> <p>CONTRACTOR'S STATEMENT OF RELEASE: In consideration of the modification agreed to herein as a complete equitable adjustment for TO-4a scope of work identified in this contract action, and in accordance with contract Section H.51 Task Order Procedures, 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> <p>Continued ...</p>				91,920,657.00

**CONTINUATION SHEET**

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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)
	ATTACHMENTS: 1. SF30 2. TO-3, Integration and Mission Continuity 3. TO-4a, ARP/SDA Demolition and OCVZ Well Abandonment 4. TO-4a, Risk Register 5. IDIQ Master Attachment J-12, Task Order Tracking Matrix				

**From:** [Peterson, Misty R](#)  
**To:** [Delegation of Authority](#)  
**Cc:** [Southwick, Kimberli S](#); [Southwick, Shawna A](#); [Anderson, Jade M](#); [Killpack, Jason D](#); [Salmon, Tony E](#); [MacRae, John Howard Jr](#); [Thinnes, Anna M](#)  
**Subject:** Delegation of Authority - John (Jack) MacRae - Director, Business Services  
**Date:** Monday, October 3, 2022 7:00:54 AM

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**Notification of Delegation of Authority**

**Manager's Name:** **John (Jack) MacRae, Director, Business Services**

Phone Numbers: Office No.: 208-533-0010 Cell No.: 865-851-4178

Delegation Starts: Monday, October 3, 2022 @ 7:00 a.m.

Delegation Ends: Thursday, October 6, 2022 @ 5:30 p.m.

**Reason for Absence:** Business Travel

**Acting Manager's Name:** **Kimberli Southwick, Business Services Deputy Directory and CFO**

Phone Numbers: Office No.: 208-533-3841 Cell No.: 208-681-8080

Signature Authority: Yes

Timecard Approval: Yes

Mail Delegation: NA

**Acting CAM's Name:** **NA**

Phone Numbers: NA

CAM Signature Authority: NA

Comments: N/A

**Please forward this delegation to others who may have a need to know.**

**IDAHO CLEANUP PROJECT (ICP)**

CONTRACT NO. 89303321DEM000061, PIID: 89243222FEMTO03 MOD P00040

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

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

**IDAHO CLEANUP PROJECT (ICP)**

CONTRACT NO. 89303321DEM000061, PIID: 89243222FEMTO03 MOD P00040

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

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**IDAHO CLEANUP PROJECT (ICP)**

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

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**IDAHO CLEANUP PROJECT (ICP)**

CONTRACT NO. 89303321DEM000061, PIID: 89243222FEMTO03 MOD P00040

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.**

The updated cost below includes the TO-3 adjustment made in Mod P00034

<b>Total Estimated Cost:</b>	\$ 591,614,179
<b>Award Fee:</b>	\$ 46,441,529
<b>PMI Fee FY22 (5 months) and FY23:</b>	FY22 – \$ 1,000,000 FY23 – \$ 2,000,000 Total – \$ 3,000,000
<b>Total Estimated Price:</b>	\$ 641,055,708

*\* 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.*

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

**IDAHO CLEANUP PROJECT (ICP)**

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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		
<b>Defense</b>	\$ 535,486,760	\$ 42,162,836	\$ 3,000,000	\$ 580,649,596		
<b>Non-Defense</b>	\$ 6,058,414	\$ 354,938	\$ -	\$ 6,413,352		
<b>Navy</b>	\$ 49,053,460	\$ 3,843,241	\$ -	\$ 52,896,701		
<b>Other Sites</b>	\$ 1,015,545	\$ 80,514	\$ -	\$ 1,096,059		
<b>Total</b>	\$ 591,614,179	\$ 46,441,529	\$ 3,000,000	\$ 641,055,708		

*“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**

The updated cost below includes the TO-3 adjustment made in Mod P00034

TO Number	TO Title	TO Type	Estimated Cost	Award Fee:	PMI Fee:	Total Estimated Price:
TO-3	Integration and Mission Continuity (Phase 1)	CPAF	\$591,614,179	\$46,441,529	FY22 - \$1,000,000 FY23 - \$2,000,000 Total - \$3,000,000	\$641,055,708
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 Management 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 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:

**IDAHO CLEANUP PROJECT (ICP)**

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

- (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.

**Table B-4. Available Award Fee Distribution**

<b>Task Order Period</b>	<b>Available Fee as Originally Awarded</b>	<b>Fee Associated with Task Order Changes</b>	<b>Total Available Fee</b>	<b>Available Fee Earned &amp; Paid</b>	<b>Fee Forfeited</b>
Fiscal Year 2022					
Award Fee	\$ 13,772,417	TBD	\$ 13,772,417	TBD	TBD
PMI Fee	\$ 1,000,000		\$ 1,000,000		

**IDAHO CLEANUP PROJECT (ICP)**

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

Fiscal Year 2023 Award Fee PMI Fee	\$ 34,668,161 \$2,000,000	\$(1,999,049)	\$32,669,112 \$2,000,000	TBD	TBD
<b>Total</b>	<b>\$ 51,440,578</b>	<b>\$(1,999,049)</b>	<b>\$49,441,529</b>	<b>TBD</b>	<b>TBD</b>

*\* 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.

**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:

## IDAHO CLEANUP PROJECT (ICP)

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

- C.3.0 EM Facility Infrastructure (including sub parts)
- 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 Abandonmen as of FY 2023
- 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.
  - Except C.5.6 RCRA Closure of RWMC Facilities included in TO-4a as of FY 2023
- C.6.0 Liquid Waste Facility Closure (including sub parts)
- C.7.0 Spent Nuclear Fuel (SNF) Management (including sub parts)
- 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
- C.9.0 Program Management and Support Programs (including sub parts)

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
- 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

**IDAHO CLEANUP PROJECT (ICP)**

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

**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.

**IDAHO CLEANUP PROJECT (ICP)**

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TASK ORDER 4A – ARP/SDA DEMOLITION AND OCVZ WELL ABANDONMENT

**TASK ORDER 4 OPTION A  
ACCELERATED RETRIEVAL PROJECT (ARP) /  
SUBSURFACE DISPOSAL AREA (SDA) DEMOLITION AND  
ORGANIC CONTAMINATION IN THE VADOSE ZONE (OCVZ)  
WELL ABANDONMENT**



**IDAHO CLEANUP PROJECT (ICP)**

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TASK ORDER 4A – ARP/SDA DEMOLITION AND OCVZ WELL ABANDONMENT

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**IDAHO CLEANUP PROJECT (ICP)**

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TASK ORDER 4A – ARP/SDA DEMOLITION AND OCVZ WELL ABANDONMENT

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## **Section B - Supplies or Services and Prices/Costs**

This Task Order work shall be performed under Contract Line Item Number (CLIN) 00004 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**

(a) DOE-B-2003 Cost-Plus-Incentive-Fee Task Order: Total Estimated Cost and Incentive Fee (Oct 2014) (Revised)

(1) This is a Cost-Plus-Incentive-Fee type task order. In accordance with the clause at FAR 52.216-10, *Incentive Fee*, the cost, performance, and schedule incentive information are as follows:

(i) Cost Incentive:

Target Cost (Direct):	\$ 64,637,267
Target Fee (2.5%):	\$ 1,615,932
Maximum Fee (5.0%):	\$ 3,231,863
Minimum Fee:	\$ 0

As specified at Section I clause FAR 52.216-10, *Incentive Fee*, paragraph (e)(1): the fee payable under this contract shall be the target fee increased by thirty (30) cents for every dollar the total allowable cost is less than the target cost or decreased by thirty (30) cents for every dollar the total allowable cost exceeds the target cost. In no event shall the fee be greater than fifteen (15) percent or less than zero percent of the target cost.

(ii) Performance Incentive:

Maximum Fee (7.0%):	\$ 4,524,609
Minimum Fee:	\$ 0

Performance incentive fee shall be earned as Deactivation and Decommissioning (D&D) of each Accelerated Retrieval Project (ARP) facility is completed. Performance incentive fee shall be earned as follows (Table B-1):

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CONTRACT NO. 89303321DEM000061, 89243222FEMTO04 MOD P00040

TASK ORDER 4A – ARP/SDA DEMOLITION AND OCVZ WELL ABANDONMENT

**Table B-1. Performance Incentive.**

<b>PERFORMANCE INCENTIVE - PROGRESS/COMPLETION FEE</b>	<b>Percent</b>	<b>Amount</b>
<b>Interim/Progress Fee (earned upon completion/no clawback)</b>		
ARP D&D		\$ 323,186
ARP D&D		\$ 323,186
ARP D&D		\$ 323,186
ARP D&D		\$ 323,186
ARP D&D		\$ 323,186
ARP D&D		\$ 323,186
<b>TO-4a End State Fee</b>		
After Final ARP D&D Completed NLT 12/31/2024		\$ 2,585,493
<b>Total Performance Incentive - Max Per ARP D&amp;D</b>	7.0%	<b>\$ 4,524,609</b>

(A) \$1,939,116 may be earned once D&D of the first six of seven ARPs is completed. Upon completion of each ARP D&D, the Contractor shall earn \$323,186 (\$1,939,116/6).

(B) The remaining \$2,585,493 shall be earned by the Contractor after completing D&D of the final ARP. The completion must be on or before December 31, 2024. None of the \$2,585,493 fee shall be earned if not completed by December 31, 2024.

(C) Completion criteria for interim progress fee for D&D of ARP facilities is as follows:

- (1) The Contractor shall have an ARP facility completely demolished under the D&D plan (DOE/ID-12000 Rev 2) and its footprint is covered with the required amount of clean fill.
- (2) ARP facilities with wells within its footprint shall have the wells abandoned in accordance with well decommissioning TPR -7784 and ARP II well decommissioning work order.

(D) Completion criteria for final performance fee payment is as follows:

- (1) The SDA shall be in a state that SDA Cap construction can begin without further D&D within the SDA boundary as described in the Request for Task Order Proposal (RTP). This shall include:
  - (i) All ARPs shall be closed in accordance with the requirements listed above.
  - (ii) All support buildings within the SDA boundary, as described in the RTP, shall be D&D or otherwise dispositioned.
  - (iii) All remaining wells and lysimeters within the design footprint of SDA Evapotranspiration (ET) surface barrier abandoned, fire water lines grouted and abandoned or removed, and power feeds are removed to allow SDA Cap Construction to start.

(iii) Schedule Incentive:

Maximum Fee (3.0%):       \$ 1,939,118  
 Minimum Fee:               \$ 0

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Schedule incentive fee shall be earned if all work scope is completed ahead of schedule as follows:

Completed by November 30, 2024	\$ 646,373
Completed by October 31, 2024	\$1,292,745
Completed by September 30, 2024	\$1,939,118
Completion criteria:	See B.2(a)(1)(ii)(D)

- (2) The total estimated direct cost and performance incentive fee available are as follows (Table B-2):

**Table B-2. Estimated Total Price.**

<b>Total Estimated Direct Cost:</b>	\$64,637,267
<b>Cost Incentive Fee Max:</b>	\$3,231,863
<b>Performance Incentive Fee Max:</b>	\$4,524,609
<b>Schedule Incentive Fee Max:</b>	\$1,939,118
<b>Total Estimated Price (Direct Cost + Max Fee):</b>	\$74,332,857

*The incentive fee above is related to direct costs (including fringe costs on direct labor) only and excludes any fee related to Program Overhead (POH) costs. The Parties agree that any incremental fee associated with POH will be captured in TO-3 Phase 2 for Fiscal Year 2024 and Fiscal Year 2025 POH.*

*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.*

(b) Payment of fee:

- (1) Cost incentive fee will be made in accordance with this clause, Section B.12, *Provisional Payment of Fee* (Oct 2013)(Revised) of the Master IDIQ Contract, and other applicable clauses of the Task Order.
- (2) Cost incentive fee under this TO will be invoiced and paid quarterly. To determine the amount of cost incentive fee to invoice, the target fee will be divided by the total number of quarters (nine). The Department of Energy, Idaho Cleanup Project (DOE-ICP) will perform an additional evaluation to determine accuracy underruns/overruns experienced. Lastly, 20% of the estimated earned fee will be held until the end of the task order.

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(3) Performance incentive fee under this TO will be invoiced and paid quarterly after completion criteria is validated by DOE-ICP.

(4) Schedule incentive fee under this TO will be invoiced and paid after completion criteria is validated by DOE-ICP.

(c) Task Order Description:

Initially, the Performance Work Statement is covered under Task Order 3, Integration and Mission Continuity (IMC), to provide for operational continuity and programmatic support during which initial End State Task Orders will be defined, developed, and negotiated. In accordance with the Ten-Year End State Strategic Task Order Plan, Radioactive Waste Management Complex (RWMC) Closure End State (Task Order 4) includes options for the following subtasks: ARP/SDA Demolition, OCVZ Well Abandonment, Advanced Mixed Waste Treatment Plant Facility Resource Conservation and Recovery Act (RCRA) Closure and Demolition, and SDA Cap Construction. This Task Order is for Task Order 4 Option A, which includes subtasks ARP/SDA Demolition and OCVZ Well Abandonment. Additional TO-4 options for the remaining RWMC Closure End State activities will be defined, developed, and negotiated as information becomes available.

**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*, funds are obligated for the payment of allowable costs. This task order will be incrementally funded. 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.

**B.9 Basis for Change**

The Contractor is responsible for total performance of Task Orders issued including its specific technical approach and methods to perform the Task Order PWS, including End States (if applicable). To manage risks and reduce contract changes, risk ownership for the Government and Contractor are listed in *TO-4a Risk Register* (Modification P00040, Attachment 4).

**Section C - Performance Work Statement**

**C.1 Task Order Requirements**

During the execution of TO-4 Option A, the Contractor shall perform portions of the scope defined in the following PWS sections of the Master IDIQ Contract, identified below:

- C.4.4.05 WAG 7 RWMC CERCLA Remediation (as related to the disposition of the OCVZ system and well closure)
- C.5.6 RCRA Closure of RWMC Facilities
- C.8.0 Facility Demolition and Dismantlement (D&D) (as related to the disposition of RWMC facilities within the updated footprint of the SDA Cap)

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1. The Contractor shall disposition all structures, utilities and equipment within the updated design of the SDA Cap footprint (with the exception of the 20 specific buildings discussed below) to support the requirements of the future construction of the evapotranspiration (ET) surface barrier in accordance with the OU 7-13/14 Phase 3 remedial design (RD) work plan.

There are 17 buildings outside of the SDA (see below) that will be impacted by the footprint of the SDA Cap. These buildings include the TRUPACT inspection facility (WMF-602), maintenance facilities (WMF-609, WMF-656, WMF-604), warehouse spaces (WMF-655, WMF-1634), utilities (WMF-750, WMF-1616, WMF-743, WMF-760), and office spaces (WMF-645, WMF-646, WMF-657, WMF-TR-16, WMF-601, WMF-620, WMF-621). While these buildings must be removed to complete cap construction, they will not impact the start of cap construction since they are outside of the SDA boundary. These buildings are all radiologically clean and do not require disposal in a radiological landfill such as ICDF or the SDA. Therefore, because their disposition will be relatively straightforward and their disposition cost will be minimal, the disposition of these buildings can be completed under a separate task order in parallel with SDA Cap construction.

The following buildings within the updated design of the SDA Cap footprint will not be included in the TO-4 Option A proposal to continue to support ongoing D&D and waste operations at RWMC. Removal of these building will be captured in a follow-on task order to ensure delivery of the SDA Cap by December 31, 2028.

- WMF-609 Heavy Equipment Storage
- TR-16 Operations
- WMF-645 Operations
- WMF-646 Operations
- WMF-657 Operations
- WMF-750 Firewater Riser Room
- WMF-602 TRUPACT Shipping
- WMF-656 Maintenance
- WMF-601 Radcon and Shipping
- WMF-604 Instrument Shop
- WMF-655 Warehouse
- WMF-620 Work Control
- WMF-621 Work Control
- WMF-1616 Deep Well Pumphouse
- WMF-743 Firewater Pumphouse
- WMF-760 Power Substation
- WMF-1634 Warehouse

There are 3 buildings inside of the AMWTP footprint (see below) that are impacted by the current footprint of the SDA Cap. Due to the continued AMWTP mission, the SDA Cap footprint is being updated with a design change to eliminate impact to buildings inside of the AMWTP footprint. The following buildings will also not be included in the TO-4 Option A proposal:



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- WMF-635 (AMWTP) AMWTP Payload Assembly
  - WMF-636 (AMWTP) Transuranic Storage Area Retrieval Enclosure (TSA-RE)
  - WMF-723 (AMWTP) Transportation Weather Cover Attached to TSA-RE Pad 1
2. The Contractor shall disposition wells within the updated footprint of the SDA Cap.
  3. The Contractor shall disposition the OCVZ structures and equipment within the updated SDA Cap footprint.

**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 October 4, 2022 to December 31, 2024.

**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.

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TASK ORDER 4A – ARP/SDA DEMOLITION AND OCVZ WELL ABANDONMENT

**Section J - List of Attachments**

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



Contract No. 89303321DEM00061, TO-4a Project Risk Register

Idaho Cleanup Project Programmatic Risk Register

Updated : 7.28.22

Risk ID	WBS	Responsible Organization	Risk Owner	IEC Risk Back-up	Risk Title	Risk Description	Trigger Event	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	Activities Where Event is Likely to Take Place
													Best Case	Most Likely	Worst Case	Best Case	Most Likely	Worst Case					
ASD003	E.4.02.40	IEC	Chapple, Jason	Thompson, Travis	Personnel Attrition Near the End of a 3-Year Window	Towards the end of the next 3 year window when people sense the project is completing they tend to leave & move on to a new project which can cause issues completing the latter part of the 3 year window. Ability to acquire new trained individuals becomes harder, requiring subcontractor support to complete the work. The potential exists to incur additional costs & schedule delays.	Attrition realized.	Accept	Threat	Rare	Serious	2-Low	\$ 75,000	\$ 450,000	\$ 675,000	10	60	60	Best Case: 10 days X10 hrs/dy X 10 FTEs X \$75/hr = \$75,000 Most Likely Case: 60 days X10 hrs/dy X 10 FTEs X \$75/hr = \$450,000 Worst Case: 60 days X10 hrs/dy X 15 FTEs X \$75/hr = \$675,000	Monitor staffing to hire if attrition is experienced.	3/20/2022	4/13/2022	TO3-2ARPIV-4180: Dismantle ARP IV Retrieval Enclosure
ASD004	E.4.02.40	IEC	Chapple, Jason	Thompson, Travis	Commodity Risk Impacts Production	Commodity risks impacting production. Numerous times in the past production was impacted due to unavailability of commodities. If experienced in the future this will limit how many containers can be processed thru ARP VII before the building must undergo RCRA Closure.	Delayed delivery experience in commodities.	Accept	Threat	Unlikely	Moderate	2-Low	\$ 150,000	\$ 300,000	\$ 960,000	5	10	32	Best Case: 5 days X10 hrs/dy X 2 crews (20 FTEs) X \$75/hr = \$150,000 Most Likely Case: 10 days X10 hrs/dy X 2 crews (20 FTEs) X \$75/hr = \$300,000 Worst Case: 32 days X10 hrs/dy X 2 crews (20 FTEs) X \$75/hr = \$960,000	Monitor procurements as early as possible to mitigate potential impacts.	3/20/2022	4/13/2022	TO3-1ARPV-5005: Purchase Large Equipment to Bury ARP Debris
ASD005	E.4.02.40	IEC	Chapple, Jason	Thompson, Travis	Required Production Rates to Support Start of SDA Cap Construction (TO4-D)	The deadline of this Task Order is focused on allowing DOE-ID to start CAP construction in 2025. In order to meet that deadline this project must be completed on schedule at the end of 2024, requiring an aggressive schedule. This risk also acknowledges that in the final year, there are three buildings undergoing deactivation and demolition and prior experience indicates two buildings at a time is what historical capabilities have been based upon. There are 62 activities on the project critical path. Any potential delays could have significant impacts on the schedule.	Immediate schedule slippage during early component removal &/or decon	Accept	Threat	Likely	Serious	4-High	\$ 480,000	\$ 2,400,000	\$ 4,800,000	10	50	100	Best Case: 10 days X10 hrs/dy X 2 crews (20 FTEs) X \$120/hr = \$480,000 Most Likely Case: 50 days X10 hrs/dy X 2 crews (20 FTEs) X \$120/hr = \$2,400,000 Worst Case: 100 days X10 hrs/dy X 2 crews (20 FTEs) X \$120/hr = \$4,800,000	Required productivity rates to maintain the SDA Cap construction may require extended shifts, extra shifts, overtime, &/or working during winter shutdown. Apply rigor to the readiness evolutions to have maximum available work for crew flexibility.	3/20/2022	4/13/2022	TO3-ARPII-2010: Haul gravel for ARP II post operations
ASD006	E.4.02.40	IEC	Chapple, Jason	Thompson, Travis	Loss of Contamination Control	Loss of contamination control (outside D&D boundaries) during open air facility demolition may result in personnel contamination and/or extended shutdown for recovery.	An unanticipated event driven by discovery of radiation outside of the boundary, possibly portable air monitor.	Accept	Threat	Rare	Minor	1-Low	\$ 60,000	\$ 277,500	\$ 4,440,000	2	5	80	Best Case: 2 days X10 hrs/dy X 2 crews (20 FTEs) X \$75/hr = \$60,000 Most Likely Case: 5 days X10 hrs/dy X 2 crews (20 FTEs) X \$75/hr = \$277,500 Worst Case: 80 days X10 hrs/dy X 2 crews (20 FTEs) X \$75/hr = \$4,440,000	Implement the following possible mitigations: • Utilize new & improved fixatives if technically viable. • Re-emphasize the RAD safety protocols. • Evaluate expanded D&D boundaries. • Ensure adequate water suppression is in place.	3/20/2022	4/13/2022	TO3-2ARPIV-4180: Dismantle ARP IV Retrieval Enclosure TO3-1ARPV-5240: Dismantle ARP V Retrieval Enclosure TO4-ARPII-2250: Dismantle ARP II Retrieval Enclosure TO4-3ARPIII-3230: Dismantle ARP III Retrieval Enclosure TO4-ARPIX-9180: Dismantle ARP IX Retrieval Enclosure TO4-ARPVII-7270: Dismantle ARP VII Retrieval Enclosure Section B TO4-ARPVIII-8265: Dismantle ARP VIII Retrieval Enclosure Section B
ASD007	E.4.02.40	IEC	Chapple, Jason	Thompson, Travis	Industrial Incidents Resulting in Shutdowns	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	Accept	Threat	Rare	Minor	1-Low	\$ 60,000	\$ 150,000	\$ 2,880,000	2	5	96	Best Case: 2 days X10 hrs/dy X 2 crews (20 FTEs) X \$75/hr = \$60,000 Most Likely Case: 5 days X10 hrs/dy X 2 crews (20 FTEs) X \$75/hr = \$150,000 Worst Case: 96 days X10 hrs/dy X 2 crews (20 FTEs) X \$75/hr = \$2,880,000	Implement the following possible mitigations: • Perform refreshers for stop work/pauses. • Self-assess training/qualification adequacy. • Enhanced pre-job briefings for critical activities.	3/20/2022	4/13/2022	TO3-2ARPIV-4090: Remove ARP IV Inner Liner and Disposition TO3-1ARPV-5140: Remove ARP V Inner Liner and Disposition TO3-3ARPIII-3100: Begin ARP III Post Operations TO3-ARPII-2130: Remove ARP II Inner Liner and Disposition TO4-ARPVIII-8020: Remove ARP VIII False Ceiling and Disposition TO4-ARPVII-7020: Remove ARP VII False Ceiling and Disposition TO4-ARPIX-9020: Remove ARP IX False Ceiling and Disposition
ASD008	E.4.02.40	IEC	Chapple, Jason	Thompson, Travis	Surveys Uncover Unanticipated Contamination	RAD surveys during field work uncover contamination issues requiring additional remediation prior to proceeding with D&D.	An unanticipated contamination discovery from routine rad surveys.	Accept	Threat	Unlikely	Minor	2-Low	\$ 30,000	\$ 60,000	\$ 600,000	1	2	20	Best Case: 1 day X10 hrs/dy X 2 crews (20 FTEs) X \$75/hr = \$30,000 Most Likely Case: 2 days X10 hrs/dy X 2 crews (20 FTEs) X \$75/hr = \$60,000 Worst Case: 20 days X10 hrs/dy X 2 crews (20 FTEs) X \$75/hr = \$600,000	Implement the following possible mitigations: • Re-emphasize the RAD safety protocols. • Validate adequacy of soil coverage.	3/20/2022	4/13/2022	TO3-ARPII-2170: Rad Approval to Dismantle ARP II TO3-3ARPIII-3140: Rad Approval to Dismantle ARP III TO3-2ARPIV-4130: Rad Approval to Dismantle ARP IV TO3-1ARPV-5170: Rad Approval to Dismantle ARP V TO4-ARPVII-7190: Rad Approval to Dismantle ARP VII TO4-ARPVIII-8180: Rad Approval to Dismantle ARP VIII TO4-ARPIX-9130: Rad Approval to Dismantle ARP IX
ASD010	E.4.02.40	IEC	Chapple, Jason	Thompson, Travis	Post Waste Operations Uncovers Hazardous Waste in Debris	Post waste disposal of the facility uncovers hazardous waste in the debris, resulting in recovery actions.	An unanticipated contamination discovery from routine rad surveys.	Reduce/Mitigate	Threat	Rare	Minor	1-Low	\$ 30,000	\$ 60,000	\$ 480,000	1	2	16	Best Case: 1 day X10 hrs/dy X 2 crews (20 FTEs) X \$75/hr = \$30,000 Most Likely Case: 2 days X10 hrs/dy X 2 crews (20 FTEs) X \$75/hr = \$60,000 Worst Case: 16 days X10 hrs/dy X 2 crews (20 FTEs) X \$75/hr = \$480,000	Ensure due diligence during hazard identification & mitigation process.	6/8/2022	6/8/2022	TO3-2ARPIV-4190: Bury ARP IV Debris TO3-1ARPV-5245: Bury ARP V Debris TO4-ARPII-2240: Bury ARP II Debris TO4-3ARPIII-3210: Bury ARP III Debris TO4-ARPVIII-8267: Bury ARP VIII Debris TO4-ARPIX-9015: Bury Equipment in ARP IX TO4-ARPVIII-8230: Bury ARP VIII Debris TO4-ARPIX-9190: Bury ARP X Debris
ASD011	E.4.02.40	IEC	Chapple, Jason	Thompson, Travis	RCRA Closure Plan	RCRA Closure plan for the affected ARP VII is delayed or disapproved.	Late receipt or notification from DOE or regulators of approval.	Reduce/Mitigate	Threat	Unlikely	Minor	2-Low	\$ 60,000	\$ 300,000	\$ 960,000	2	10	32	Best Case: 2 days X10 hrs/dy X 2 crews (20 FTEs) X \$75/hr = \$60,000 Most Likely Case: 10 days X10 hrs/dy X 2 crews (20 FTEs) X \$75/hr = \$300,000 Worst Case: 32 days X10 hrs/dy X 2 crews (20 FTEs) X \$75/hr = \$960,000	Maintain a close working relationship with DOE & Regulatory partners allowing early notification & input.	6/8/2022	6/8/2022	TO4-RCRAVII-7099: Complete ARP VII RCRA Closure
ASD013	E.4.02.40	IEC	Chapple, Jason	Thompson, Travis	ARP VIII Demolition Complexity	Increased complexity of the ARP VIII demolition (size & structure) increases cost & schedule	Identification of structural/removal issue(s) during demo plan development or engineering evaluation	Reduce/Mitigate	Threat	Possible	Minor	2-Low	\$ 60,000	\$ 180,000	\$ 960,000	2	6	32	Best Case: 2 days X10 hrs/dy X 2 crews (20 FTEs) X \$75/hr = \$60,000 Most Likely Case: 6 days X10 hrs/dy X 2 crews (20 FTEs) X \$75/hr = \$180,000 Worst Case: 32 days X10 hrs/dy X 2 crews (20 FTEs) X \$75/hr = \$960,000	Implement the following possible mitigations: • Work with IEC partners to determine possible cost effective options. • Incorporate lessons learned from previous D&D work, if applicable.	6/8/2022	6/8/2022	TO4-ARPVIII-8260: Dismantle ARP VIII Retrieval Enclosure Section A
ASD015	E.4.02.40	IEC	Chapple, Jason	Thompson, Travis	Delay of waste removal in WMF-698	Delay of waste removal from WMF-698 could impact the start of demolition activities	Schedule slippage during operations in WMF-698	Reduce/Mitigate	Threat	Possible	Moderate	2-Low	\$ 150,000	\$ 300,000	\$ 1,440,000	5	10	48	Best Case: 5 days X10 hrs/dy X 2 crews (20 FTEs) X \$75/hr = \$150,000 Most Likely Case: 10 days X10 hrs/dy X 2 crews (20 FTEs) X \$75/hr = \$300,000 Worst Case: 48 days X10 hrs/dy X 2 crews (20 FTEs) X \$75/hr = \$1,440,000	Coordinate with AMWTP & other waste recipients to ensure waste can be delivered.	6/8/2022	6/8/2022	TO4-W698-98000: Remove Waste Containers from WMF-698
ASD016	E.4.02.40	IEC	Chapple, Jason	Thompson, Travis	The ARP IX Pit Location Complexities and Availability of Space	The ARP IX Pit is the disposition location for contaminated equipment. Complexities with moving the equipment into the pit could delay closure. There is also limitations on the availability of space.	Delay in other ARP demos, rad control during transfer, or equipment reliability issues.	Reduce/Mitigate	Threat	Unlikely	Minor	2-Low	\$ 60,000	\$ 150,000	\$ 360,000	2	5	12	Best Case: 2 days X10 hrs/dy X 2 crews (20 FTEs) X \$75/hr = \$60,000 Most Likely Case: 5 days X10 hrs/dy X 2 crews (20 FTEs) X \$75/hr = \$150,000 Worst Case: 12 days X10 hrs/dy X 2 crews (20 FTEs) X \$75/hr = \$360,000	Monitor ARP demo schedules & use identified corrective actions to recover schedule delinquencies.	6/8/2022	6/8/2022	TO4-ARPIX-9015: Bury Equipment in ARP IX
ASD017	E.4.02.40	IEC	Chapple, Jason	Thompson, Travis	Loss of Specialty Resources	Loss of qualified specialty resources could result in schedule delays.	Notification of intent to leave or retirement.	Accept	Threat	Likely	Moderate	2-Low	\$ 150,000	\$ 300,000	\$ 1,800,000	5	10	60	Best Case: 5 days X10 hrs/dy X 2 crews (20 FTEs) X \$75/hr = \$150,000 Most Likely Case: 10 days X10 hrs/dy X 2 crews (20 FTEs) X \$75/hr = \$300,000 Worst Case: 60 days X10 hrs/dy X 2 crews (20 FTEs) X \$75/hr = \$1,800,000	Implement the following possible mitigations: • Monitor personnel performance, attendance, & job satisfaction to identify potential issues. • Cross-train critical resources, if feasible	6/8/2022	6/8/2022	TO3-2ARPIV-4180: Dismantle ARP IV Retrieval Enclosure TO3-1ARPV-5240: Dismantle ARP V Retrieval Enclosure TO4-ARPII-2250: Dismantle ARP II Retrieval Enclosure TO4-3ARPIII-3230: Dismantle ARP III Retrieval Enclosure TO4-ARPIX-9180: Dismantle ARP IX Retrieval Enclosure TO4-ARPVII-7270: Dismantle ARP VII Retrieval Enclosure TO4-ARPVIII-8260: Dismantle ARP VIII Retrieval Enclosure Section A TO4-ARPVIII-8265: Dismantle ARP VIII Retrieval Enclosure Section B
ASD018	E.4.02.40	IEC	Chapple, Jason	Thompson, Travis	Reliability of Equipment	Reliability of aged equipment could delay demolition start.	Repetitive maintenance, inability to place in service, or major failure.	Accept	Threat	Possible	Minor	2-Low	\$ 60,000	\$ 150,000	\$ 1,050,000	2	5	10	Best Case: 2 days X10 hrs/dy X 2 crews (20 FTEs) X \$75/hr = \$60,000 Most Likely Case: 5 days X10 hrs/dy X 2 crews (20 FTEs) X \$75/hr = \$150,000 Worst Case: 10 days X10 hrs/dy X 2 crews (20 FTEs) X \$75/hr + \$750,000 Equipment = \$1,050,000	Accelerate equipment assessment early in the deactivation phase to allow enough time for repairs or purchase.	6/8/2022	6/8/2022	TO3-2ARPIV-4180: Dismantle ARP IV Retrieval Enclosure TO3-1ARPV-5240: Dismantle ARP V Retrieval Enclosure TO4-ARPII-2250: Dismantle ARP II Retrieval Enclosure TO4-3ARPIII-3230: Dismantle ARP III Retrieval Enclosure TO4-ARPIX-9180: Dismantle ARP IX Retrieval Enclosure TO4-ARPVII-7270: Dismantle ARP VII Retrieval Enclosure TO4-ARPVIII-8260: Dismantle ARP VIII Retrieval Enclosure Section A



TO4 A Project Risk Register

Idaho Cleanup Project Programmatic Risk Register

Updated : 7.28.22

Risk ID	WBS	Responsible Organization	Risk Owner	IEC Risk Back-up	Risk Title	Risk Description	Trigger Event	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	Activities Where Event is Likely to Take Place
													Best Case	Most Likely	Worst Case	Best Case	Most Likely	Worst Case					
ASD019	E.4.02.40	IEC	Chapple, Jason	Thompson, Travis	Mild Winter Weather Allows for Schedule Acceleration	A mild winter could increase the annual demolition work window, allowing for schedule acceleration.	Favorable weather forecast at the beginning, during, or end of the winter shutdown window	Accept	Opportunity	Rare	Minor	1-Low	\$ (300,000)	\$ (150,000)	\$ -	-10	-5	0	Best Case: 10 days X10 hrs/dy X 2 crews (20 FTEs) X \$75/hr = \$300,000 Most Likely Case: 5 days X10 hrs/dy X 2 crews (20 FTEs) X \$75/hr = \$150,000 Worst Case: Average winter - No Impact	NA	6/8/2022	6/8/2022	TO3-2ARPIV-4170: Prepare ARP IV RE for dismantlement TO3-1ARPV-5220: Dismantle Airlock 5
ASD020	E.4.02.40	IEC	Chapple, Jason	Thompson, Travis	Lower Contamination Levels Than Expected	Lower contamination levels than anticipated during decon operations could result in schedule acceleration	Positive survey results prior to commencement of decon operations	Reduce/Mitigate	Opportunity	Rare	Moderate	1-Low	\$ (1,050,000)	\$ (420,000)	\$ -	-35	-14	0	Best Case: 7 bldgs. X 5 days X10 hrs/dy X 2 crews (20 FTEs) X \$75/hr = \$1,050,000 Most Likely Case: 7 bldgs. X 2 days X10 hrs/dy X 2 crews (20 FTEs) X \$75/hr = \$420,000 Worst Case: No Impact	NA	6/8/2022	6/8/2022	TO3-2ARPIV-4130: Rad Approval to Dismantle ARP IV TO3-1ARPV-5170: Rad Approval to Dismantle ARP V TO3-3ARPIII-3140: Rad Approval to Dismantle ARP III TO3-ARPII-2170: Rad Approval to Dismantle ARP II TO4-ARPIII-9130: Rad Approval to Dismantle ARP IX TO4-ARPVIII-8180: Rad Approval to Dismantle ARP VIII TO4-ARPVII-7190: Rad Approval to Dismantle ARP VII
ASD022	E.4.02.40	IEC	Chapple, Jason	Thompson, Travis	Well Abandonment Under the ARP II Foundation	Several wells exist under the ARP II cast in place concrete foundation that must be abandoned. These wells cannot be accessed prior to demolition of the facility. Work includes removal of portions of the ARP II foundation after demolition. If contamination is encountered or the well heads are not accessible due to the facility base beam attached to the concrete, an alternate plan must be developed. This could significantly impact costs and the scheduled completion of this work scope.	Encountering unexpected conditions.	Accept	Threat	Possible	Moderate	2-Low	\$ 60,000	\$ 150,000	\$ 900,000	2	5	30	Best Case: 2 days X10 hrs/dy X 2 crews (20 FTEs) X \$75/hr = \$60,000 Most Likely Case: 5 days X10 hrs/dy X 2 crews (20 FTEs) X \$75/hr = \$150,000 Worst Case: 30 days X10 hrs/dy X 2 crews (20 FTEs) X \$75/hr = \$900,000	Address leaving wells ungrouted with regulators & be prepared for excavation with additional containments.	6/8/2022	6/8/2022	TO4-WELL-2010: Excavate Soil to Uncover ARP II Foundation Wells
ASD023	E.4.02.40	IEC	Chapple, Jason	Thompson, Travis	Contaminated Manlifts/Loader Disposition	The last few pieces of equipment utilized in facility demolition will not have a burial location. Disposal at existing location.	Pit 9 burial site full	Accept	Threat	Possible	Moderate	2-Low	\$ 120,000	\$ 240,000	\$ 1,200,000	4	8	40	Best Case: (1 piece of equipment) 4 days X10 hrs/dy X 2 crews (20 FTEs) X \$75/hr = \$120,000 Most Likely Case: (1 piece of equipment) 8 days X10 hrs/dy X 2 crews (20 FTEs) X \$75/hr = \$240,000 Worst Case: (5 pieces of equipment) 40 days X10 hrs/dy X 2 crews (20 FTEs) X \$75/hr = \$1,200,000	Be prepared to bury equipment in place or expand Pit 9 pit.	6/8/2022	6/8/2022	TO4-ARPIX-9015: Bury Equipment in ARP IX
ASD024	E.4.02.40	IEC	Chapple, Jason	Thompson, Travis	Union Contract Location Bidding	The Union contract now allows vacancy bids. There is a risk to the project that specific skill sets such as RCT/Mechanic/Electrician/Instrument Tech can now bid a different location opening a position that must be backfilled. This may be a large impact to the project.	Vacancy bidding	Accept	Threat	Rare	Moderate	2-Low	\$ 450,000	\$ 900,000	\$ 1,800,000	60	60	60	Best Case: (1 critical resource) 60 days X10 hrs/dy X 1 crew (10 FTEs) X \$75/hr = \$450,000 Most Likely Case: (2 critical resources) 60 days X10 hrs/dy X 1 crew (10 FTEs) X \$75/hr = \$900,000 Worst Case: (2 critical resources) 60 days X10 hrs/dy X 2 crews (10 FTEs) X \$75/hr = \$1,800,000	Solicit assistance from union to minimize impact.	6/8/2022	6/8/2022	TO3-ARPII-2030: Wash ARP II Inner Retrieval Enclosure Walls TO3-3ARPIII-3030: Wash ARP III Inner Retrieval Enclosure Walls TO4-ARPVIII-8005: Wash ARP VIII False Ceiling and Walls TO4-ARPVII-7015: Wash False Ceilings in ARP VII TO4-ARPIX-9030: Wash ARP IX Inner Retrieval Enclosure Walls



Contract No. 89303321DEM000061, TO-4a Risk Register

Idaho Cleanup Project Programmatic Risk Register

Updated : 7.7.22

Risk ID	WBS	Responsible Organization	Risk Owner	IEC Risk Back-up	Risk Title	Risk Description	Trigger Event	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	Activities
													Best Case	Most Likely	Worst Case	Best Case	Most Likely	Worst Case					
ASD001	E.4.02.40	DOE	DOE FPD	Chapple, Jason	Work Delay due to Abnormal Weather Conditions	Weather impacts to D&D. Managing liquids in winter months results in shifting crews to different buildings to mitigate weather impacts. Abnormal weather or schedule shift may constrain seasonal appropriate timeframe to execute weather or temperature sensitive D&D activities.	Work execution is impacted by schedule shift or weather.	Transfer	Threat	2 Unlikely	Moderate	Low (2)	\$ -	\$ 499,500	\$ 777,000	0	9	14	Best Case: No Impact Most Likely Case: 9 days X10 hrs/dy X 74 FTEs X \$75/hr = \$499,500 Worst Case: 14 days X10 hrs/dy X 74 FTEs X \$75/hr = \$777,000	Manage the integration of four exhumation facilities to mitigate weather as much as possible.	3/20/2022	4/13/2022	TO3-3ARP111-3030: Wash ARP III Inner Retrieval Enclosure Walls
ASD009	E.4.02.40	DOE	DOE FPD	Chapple, Jason	Unforeseen Regulatory Changes	A regulatory change (CFRs, CERCLA, RCRA, etc.) without exemption, could result in significant implementation costs and/or schedule delays.	Unplanned change to regulatory drivers or "notice of violation" issued by regulators	Transfer	Threat	1 Rare	Minor	Low (1)	\$ -	\$ -	\$ 480,000	0	0	16	Best Case: No Impact Most Likely Case: No Impact Worst Case: 16 days X10 hrs/dy X 2 crews (20 FTEs) X \$75/hr = \$480,000	Maintain a close working relationship with DOE & Regulatory partners allowing early notification & input	3/20/2022	4/13/2022	TO3-RCRAVII-7050: Receive PMR/RCRA Closure Plan Approval from DEQ TO3-RAR-1040: Prepare CH-TRU Exhumation & Phase 1 Report
ASD012	E.4.02.40	IEC	Chapple, Jason	Thompson, Travis	DOE/State Delays	DOE/State delays the approval of the Well decommissioning forms/plan	Late receipt or notification from DOE or regulators of approval.	Transfer	Threat	2 Unlikely	Minor	Low (2)	\$ -	\$ 150,000	\$ 300,000	0	5	10	Best Case: No Impact Most Likely Case: 5 days X10 hrs/dy X 2 crews (20 FTEs) X \$75/hr = \$150,000 Worst Case: 10 days X10 hrs/dy X 2 crews (20 FTEs) X \$75/hr = \$300,000	Maintain a close working relationship with DOE & Regulatory partners allowing early notification & input	6/8/2022	6/8/2022	TO4-WELL-1014: Decommission the Remaining 5 Wells (Group 5 Part 5) within the CAP Footprint

**Attachment J-12**  
**Task Order Tracking Matrix**

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	<b>Procurement Instrument Identifiers (PIID) #</b>	<b>Task Order Number (STRIPES)</b>	<b>Issue Date</b>	<b>Title</b>	<b>Task Order Type</b>	<b>Task Order Period of Performance</b>	<b>Task Order Value (Cost + Fee + PMI)</b>	<b>Note</b>
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	\$641,055,708	PMI included for FY22 and FY23
4	89243222FEMTO04	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	
	<b>Total of All Task Orders</b>						\$904,017,245	