

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 3
2. AMENDMENT/MODIFICATION NO. P00129	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY EM-Idaho Department of Energy Office of Environmental Management Idaho Cleanup Project 1955 Fremont Avenue Idaho Falls ID 83415	CODE 893042	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: Laura McGee 600 William Northern Blvd Tullahoma TN 373884729		(x)	9A. AMENDMENT OF SOLICITATION NO.
CODE LQ5ZLNE3EM27		FACILITY CODE	9B. DATED (SEE ITEM 11)
		x	10A. MODIFICATION OF CONTRACT/ORDER NO. 89303321DEM000061 89304223FEM400000
			10B. DATED (SEE ITEM 13) 09/08/2023

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: FAR 52.243-2 Changes - Cost Reimbursement (Aug 1987) - Alt I, II, III (April 1984)
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not is required to sign this document and return 1 copies to the issuing office.

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

UEI: LQ5ZLNE3EM27

The purpose of this modification is to definitize work scope relating to the Deactivation and Demolition (D&D) of the Naval Reactors Facility (NRF) Balance of Plant under Task Order (TO)-5.2.

Previously, under Modification P00116 (dated November 04, 2025), CLIN 00005, Subtask 0502, for Task Order 5.2 (TO-5.2), NRF D&D Balance of Plant, was established. Mod P00116 also included a unilateral change order and Not-to-Exceed (NTE) of \$2M. This NTE allowed the Contractor to start the scope for this TO is for planning, characterization, sampling, and D&D work at NRF that is not part of TO 5.1 prototype demolition for S1W, A1W, and S5G. TO 5.2 work is to be done as resources and funding become available. (CLN 260064).

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 (Affiliate) Digitally signed by KIMBERLI SOUTHWICK (Affiliate) Date: 2026.03.05 15:31:52 -07'00'	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Marianne Boline Digitally signed by MARIANNE BOLINE Date: 2026.03.05 17:16:08 -07'00'	16C. DATE SIGNED 03/05/2026
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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)
00502	<p>In addition, this modification updates the Idaho Cleanup Project (ICP) Ten-Year Plan Hybrid Task Order (See Attachment Hybrid Task Order 10 Yr Plan_P00129_Redline).</p> <p>Payment: VIPERS https://vipers.doe.gov Any questions, please contact by call/email 888-251-3557 or Payments@hq.doe.gov Period of Performance: 10/01/2023 to 09/30/2031</p> <p>Change Item 00502 to read as follows (amount shown is the total amount):</p> <p>CLIN 05 SUBTASK 0502 NRF D&D BALANCE OF PLANT (TASK ORDER 5.2) Embedded Lease: No Line item value is: \$2,582,563.00 Incrementally Funded Amount: \$2,000,000.00</p> <p>This modification definitizes work scope relating to NRF D&D Balance of Plant under Section C.8.0 Facility Demolition and Dismantlement. Based on incorporating the NRF D&D Balance of Plant work scope, the total TO-5.2 value is \$2,582,563. The total value is comprised of the following:</p> <p>\$ 1,855,023 Direct Cost \$ 634,789 Program Overhead \$ 92,751 Available Fee \$ 2,582,563 Total</p> <p>Fee incentives include cost, schedule, and performance incentives. Further details on fee can be found in the Attachment, Task Order 5.2 - NRF D&D Balance of Plant_P00129)</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 Continued ...</p>				2,582,563.00

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)
	<p>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> <p>Attachments: 1. SF30_Final 2. Hybrid Task Order 10 Year Plan_P00129_Redline 3. Task Order 5.2 - NRF D&D Balance of Plant</p> <p>All other terms and conditions remain unchanged.</p>				

IDAHO CLEANUP PROJECT (ICP)
CONTRACT NO. 89303321DEM000061, CID 89304223FEM400000
ICP TEN-YEAR PLAN - HYBRID TASK ORDER
MOD P0012~~94~~

IDAHO CLEANUP PROJECT (ICP)
TEN-YEAR PLAN
HYBRID TASK ORDER

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IDAHO CLEANUP PROJECT (ICP)
CONTRACT NO. 89303321DEM000061, CID 89304223FEM400000
ICP TEN-YEAR PLAN - HYBRID TASK ORDER
MOD P0012~~94~~

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Section B - Supplies or Services and Prices/Costs

In accordance with clause B.5 *DOE-B-2015 Task Order Fee/Profit Ceiling*, paragraph (a)(4) *Hybrid Task Orders*, under Contract Number 89303321DEM000061, Idaho Cleanup Project (ICP) Master Indefinite Delivery/Indefinite Quantity (IDIQ) Contract (herein referred to as the Master IDIQ Contract), this Hybrid Task Order outlines work to be performed at the Contract Line Item Number (CLIN) for subtasks as identified in the most current ICP Ten-Year Strategic Task Order Plan (TYP). Section B of the Master IDIQ Contract is incorporated by reference. The requisite clause information specific to subtasks awarded under this Hybrid Task Order is included at the subtask level and is consistent with the clause numbering structure established by the Master IDIQ Contract.

Refer to the table below for a list of all anticipated subtasks to be issued under this Hybrid Task Order in accordance with the TYP.

ICP TYP Hybrid Task Order (anticipated subtasks)					
Subtask No.	Award Date	Subtask Title	Subtask Type	Subtask Period of Performance	Subtask Value (Fully Burdened Cost + Fee)
CLIN 03 Integration and Mission Continuity					
301		Reserved			
302	09/22/2023	Integration and Mission Continuity (TO 3.2)	CPAF	10/1/2023 - 9/30/2031	\$ 1,372,376,166
CLIN 04 RWMC Closure					
401		Reserved			
402		Additional Idaho Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Disposal Facility Landfill Cell and Evaporation Pond-Project 2 (AICDF-Project 2)	CPIF	11/13/2024 – 8/5/2027	\$ 53,266,069
403	TBD	SDA Cap Installation (TO 4.2)	CPIF	TBD	TBD
404	TBD	AMWTP Storage Facility RCRA Closure and Demo (TO 4.3)	TBD	TBD	TBD
405	TBD	AMWTP Treatment Facility RCRA Closure and Demo (TO 4.4)	TBD	TBD	TBD
CLIN 05 Naval Reactors					
501	09/08/2023	Naval Reactors D&D (TO 5.1)	CPIF	10/1/2023 – 9/30/2031	\$ 278,054,550
502	TBD	Core-Car (TO 5.2) Naval Reactors D&D Balance of Plant (BOP) (TO 5.2)	TBD CPFF	TBD 10/25/2025-9/30/2031	TBD \$2,582,563
504	TBD	S5G (TO 5.4)	TBD	TBD	TBD
CLIN 06 Non-Defense					
601	09/19/2023	Non-Defense (TO 6.1)	CPFF	10/1/2023 - 9/30/2031	\$ 34,515,345
CLIN 07 Tank Closure					
701	09/18/2023	IWTU Operations (TO 7.1)	CPFF	10/1/2023 - 9/30/2025	\$ 238,939,203
702	10/14/2025	IWTU Operations Cont. (TO 7.2)	CPIF	10/1/2025 – 9/30/2028	\$ 391,807,712
TOTAL					\$2,370,959,045.36

IDAHO CLEANUP PROJECT (ICP)

CONTRACT NO. 89303321DEM000061, CID 89304223FEM400000

ICP TEN-YEAR PLAN - HYBRID TASK ORDER

MOD P0012~~94~~

	<u>\$2,371,541,608</u>
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Section C - Performance Work Statement

C.1 Task Order Requirements

The Contractor shall perform the sections of the Performance Work Statement (PWS) of the Master IDIQ Contract identified in the subtasks included as part of this Hybrid Task Order. Refer to the subtasks awarded under this Hybrid Task Order for detailed information related to the PWS.

The scope of this Hybrid Task Order is categorized per the following areas:

- **Facility Infrastructure:** This principally includes Idaho Nuclear Technology and Engineering Center (INTEC) and Radioactive Waste Management Complex (RWMC) facility infrastructure.
- **Environmental Activities:** This includes compliance with the Federal Facilities Compliance Act (FFCA) Site Treatment Plan (STP), Resource Conservation and Recovery Act (RCRA), Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), including Idaho Settlement Agreement (ISA) activities principally at INTEC and RWMC; the remediation of the Subsurface Disposal Areas (SDA) at the RWMC; Test Area North (TAN) groundwater remediation; new CERCLA Site remediation; Site-wide Stewardship; and Idaho CERCLA Disposal Facility (ICDF) transition operations.
- **Waste Management:** This includes shipping Contact Handled (CH)-transuranic (TRU) waste; Remote Handled (RH)-TRU waste management; Mixed Low-Level Waste/Low Level Waste (M/LLW) activities/disposition; and disposition of newly generated waste as needed.
- **Liquid Waste Facility Closure:** This includes the Integrated Waste Treatment Unit (IWTU) operations to treat nearly 900,000 gallons of sodium bearing waste; completion of the Calcine Retrieval Project; and closure of the High-Level Waste (HLW) Tank Farm tanks and associated liquid waste facilities at INTEC.
- **Spent Nuclear Fuel (SNF):** This includes SNF Operations and Management activities, as well as SNF Disposition. This also includes the Nuclear Regulatory Commission (NRC) License-required activities for the Independent Spent Fuel Storage Installations (ISFSI) located at INTEC and the Fort St. Vrain (FSV) ISFSI near Platteville, Colorado.
- **Facility Demolition and Dismantlement (D&D).**

Section D - Packaging and Marking

Section D of the Master IDIQ Contract is incorporated by reference, as applicable. This includes any subtasks awarded under this Hybrid Task Order.

Section E - Inspection and Acceptance

Section E of the Master IDIQ Contract is incorporated by reference, as applicable. This includes any subtasks awarded under this Hybrid Task Order.

Section F - Deliveries or Performance

Section F of the Master IDIQ Contract is incorporated by reference, as applicable. This includes any subtasks awarded under this Hybrid Task Order. The requisite clause information specific to subtasks awarded under this Hybrid Task Order is included at the CLIN level and is consistent with the clause numbering structure established by the Master IDIQ Contract.

F.3. Period of Performance

In accordance with clause F.3(d) of the Master IDIQ, the period of performance for this Hybrid Task Order is ten years from October 1, 2023, to September 30, 2031.

Section G – Contract Administration Data

Section G of the Master IDIQ Contract is incorporated by reference, as applicable. This includes any subtasks awarded under this Hybrid Task Order.

Section H – Special Contract Requirements

Section H of the Master IDIQ Contract is incorporated by reference, as applicable. This includes any subtasks awarded under this Hybrid Task Order.

Section I – Contract Clauses

Section I of the Master IDIQ Contract is incorporated by reference, as applicable. This includes any subtasks awarded under this Hybrid Task Order.

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 Hybrid Task Order in accordance with Attachment J-2 *Contract Deliverables* of the Master IDIQ Contract. This includes any subtasks awarded under this Hybrid Task Order.

IDAHO CLEANUP PROJECT (ICP)

CONTRACT NO. 89303321DEM000061, CID: 89304223FEM400000, MODIFICATION P00129
CLIN 05, SUBTASK 5.2 – FACILITY DEMOLITION AND DISMANTLEMENT (TO-5.2)

**Task Order 5.2, Subtask 0502 – Naval Reactor (NRF)
Demolition and Dismantlement (D&D) Balance of Plant (BOP)**

IDAHO CLEANUP PROJECT (ICP)

CONTRACT NO. 89303321DEM000061, CID: 89304223FEM400000, MODIFICATION P00129
CLIN 05, SUBTASK 5.2 – FACILITY DEMOLITION AND DISMANTLEMENT (TO-5.2)

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IDAHO CLEANUP PROJECT (ICP)

CONTRACT NO. 89303321DEM000061, CID: 89304223FEM400000, MODIFICATION P00129
CLIN 05, SUBTASK 5.2 – FACILITY DEMOLITION AND DISMANTLEMENT (TO-5.2)

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IDAHO CLEANUP PROJECT (ICP)

CONTRACT NO. 89303321DEM000061, CID: 89304223FEM400000, MODIFICATION P00129

CLIN 05, SUBTASK 5.2 – FACILITY DEMOLITION AND DISMANTLEMENT (TO-5.2)

Section B - Supplies or Services and Prices/Costs

This subtask (herein referred to as Task Order 5.2) shall be performed under the following:

Contract Structure	Number	Herein Referred to as
Indefinite Delivery/Indefinite Quantity Contract	89303321DEM000061	Master IDIQ Contract
Hybrid Task Order	89304223FEM400000	Hybrid Task Order
Contract Line Item Number (CLIN)	05	CLIN 05
Subtask	0502	Task Order 5.2

Section B of the Hybrid Task Order is incorporated by reference. The requisite clause information specific to Task Order 5.2 included below is consistent with the clause numbering structure established by the Master Indefinite Delivery/Indefinite Quantity (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 5.2 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 5.2.

B.2 Type of Contract

(a) DOE-B-2001 Cost-Plus-Fixed-Fee (CPFF) Task Order: Total Estimated Cost and Fixed Fee (Oct 2014) (Revised). In accordance with FAR 16.306, this is a “term form” CPFF TO. Under this form, if the performance is considered satisfactory by the Government, the fixed fee is payable at the expiration of the agreed-upon period, upon the contractor's statement that the level of effort specified in the contract has been expended in performing the contract work.

(1) This is a term CPFF type task order. In accordance with the clause at FAR 52.216-8, the total estimated cost and fixed fee for this task order are as follows:

Table B-1. Estimated Total Price and Level of Effort.

Total Estimated Cost:	\$2,489,812
Fixed Fee:	\$92,751
PMI Fee:	*
Total Estimated Price:	\$2,582,563***
Level of Effort (Productive Hours):	16,893**

* PMI will be available among all active TO’s, however, the entire PMI fee available is managed under TO-3.

* Prior to any modification being complete where additional fee is contemplated, this number of labor hours must be met or exceeded. However, exceeding the agreed-upon labor hours alone does not constitute a basis for an REA.

*** Any discrepancies may be due to rounding.

(2) 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 Hybrid Task Order.

IDAHO CLEANUP PROJECT (ICP)

CONTRACT NO. 89303321DEM000061, CID: 89304223FEM400000, MODIFICATION P00129

CLIN 05, SUBTASK 5.2 – FACILITY DEMOLITION AND DISMANTLEMENT (TO-5.2)

(3) CLIN Description:

CLIN 0502 – NRF D&D Balance of Plant:

The Facility D&D scope shall be performed in accordance with Section C.8.0. The Facility D&D scope includes the decontamination, decommissioning, and demolition of nuclear, radiological, and industrial buildings and structures located on the INL Site. Work may include the D&D of defueled nuclear reactor vessels, nuclear reactor containment buildings, support structures, and ancillary equipment; radioactive and hazardous waste storage, retrieval, exhumation, and processing facilities; chemical and radiochemical laboratories; and uncontaminated industrial and administrative facilities. D&D of contaminated facilities shall be completed as a CERCLA Non-Time Critical Removal Action.

(b) Payment of fee:

- (1) Fixed fee under this TO will be invoiced and paid quarterly. To determine the amount of fee to invoice, the fixed fee will be divided by the total number of quarters (eight). The Department of Energy, Idaho Cleanup Project (DOE ICP) will perform an additional evaluation to determine the accuracy of the underruns/overruns experienced. Lastly, 10% of the estimated earned fee will be held until the end of each fiscal year.

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) of (*see current funding modification and accompanying detailed funding profile*) are obligated for the payment of allowable costs.

Section C - Performance Work Statement

C.1 Task Order Requirements

During the execution of TO-5.2, the Contractor shall perform the scope defined in the following PWS section of the Master IDIQ Contract, identified below:

- C.8.0 Facility Demolition and Dismantlement (D&D)

This work scope provides the contractual authority to add D&D scope to the ICP contract. The IEC scope includes the Environmental Remediation Project for D&D of the NRF Submarine 1st Generation Westinghouse (S1W) reactor prototype and support buildings, the Aircraft Carrier 1st Generation Westinghouse (A1W) reactor prototype and support buildings, and the Submarine Reactor (S5G) prototype. In addition, the NRF balance of plant scope includes other NR facilities, structures, and equipment that is approved for D&D within funding constraints and turnover availability. These facilities will be under Task Order (TO) 5.2, “NRF D&D Balance of Plant.” The table below includes all the Miscellaneous Office of Naval Reactors buildings, structures, and equipment.

- NRF-604 Lift Station
- 5.2 NRF-608/625 Outside Pad Removal & Backfill
- 5.2 NRF-738 Blowdown Interceptor
- 5.2 NRF-737 S5G Waste Oil Tank
- 5.2 NRF-716 Cooling Tower Basin
- 5.2 NRF-736 Shredder Building

IDAHO CLEANUP PROJECT (ICP)

CONTRACT NO. 89303321DEM000061, CID: 89304223FEM400000, MODIFICATION P00129
CLIN 05, SUBTASK 5.2 – FACILITY DEMOLITION AND DISMANTLEMENT (TO-5.2)

- 5.2 Evaporator Bottoms Tank Below Grade East of NRF-618A
 - 5.2 NRF-642 PTB Building
 - 5.2 NRF-707 A1W Remove Water Tank and Support Building
- C.9.2.01.01 Project Support Performance Requirements

In accordance with contract clause C.9.2.01.01 *Project Support Performance Requirements*, the Contractor shall prepare a Fiscal Year Work Plan (FYWP) that includes narrative descriptions of the upcoming fiscal year, monthly spend plans, and monthly metrics expected to be achieved. These FYWPs shall be provided for DOE review for the upcoming fiscal year by September 30. In addition to this annual requirement, the Contractor shall, as requested, provide an updated FYWP that reflects updated projected funding for the fiscal year, actuals costs to date, and a current estimate at completion. The Contractor is expected to coordinate with DOE to collaboratively manage funds while executing the performance work statement.

Section D - Packaging and Marking

Section D of the Hybrid Task Order Contract is incorporated by reference.

Section E - Inspection and Acceptance

Section E of the Hybrid Task Order is incorporated by reference.

Section F - Deliveries or Performance

Section F of the Hybrid Task Order 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.

F.3 Period of Performance

- (b) The Task Order 5.2 Period of Performance (POP) is anticipated to be October 29, 2025 through September 30, 2031.

Section G - Contract Administration Data

Section G of the Hybrid Task Order is incorporated by reference.

Section H - Special Contract Requirements

Section H of the Hybrid Task Order is incorporated by reference.

Section I - Contract Clauses

Section I of the Hybrid Task Order is incorporated by reference.

IDAHO CLEANUP PROJECT (ICP)

CONTRACT NO. 89303321DEM000061, CID: 89304223FEM400000, MODIFICATION P00129
CLIN 05, SUBTASK 5.2 – FACILITY DEMOLITION AND DISMANTLEMENT (TO-5.2)

Section J - List of Documents, Exhibits, and Other Attachments

Section J of the Hybrid Task Order is incorporated by reference, as applicable to Task Order 5.2. The Contractor shall submit the required deliverables under Task Order 5.2 in accordance with Attachment J-2 *Contract Deliverables* of the Master IDIQ Contract.



TO 5.2 NRF D&D Balance of Plant Risk Register: Proposed DOE Transfer Risks

Idaho Cleanup Project Programmatic Risk Register

Updated : 12.3.25

Risk ID	WBS	Responsible Organization	IEC POC	DOE FPD	Risk Title	Risk Description	Trigger Event	Status	Risk Type	Handling Strategy	Risk Event Likelihood	Risk Impact	Risk Rating	Cost Impacts			Schedule Impacts (in days)			Basis of Impacts	Mitigation/Enhancement Activities
														Best Case	Most Likely	Worst Case	Best Case	Most Likely	Worst Case		
NRFBOP002	D.5.02.60	IEC/DOE	Baisch, Boe	Larsen, Eric Charles	<u>NRF BOP</u> : Delays due to FMP Facility Maintenance, Utility Isolations and Road Closures	Any unforeseen Fluor Marine Propulsion (FMP) facility maintenance, road closures or utility isolations at Naval Reactor Facility (NRF) may delay the projects with project.	Any maintenance, road closures or utility isolations that interfere with project.	Open	Threat	Share	Possible	Moderate	2-Low	\$ 5,000	\$ 10,000	\$ 60,000	12	16	24	Best case is based on delay of work for 1 crew for 1 day/month and worst case is based on delay for 1 crews 2 days/month due to road closures, excavations, PM's or corrective maintenance by FMP that impacts IEC work area. This Risk applies to all task turned over to IEC.	Propose Share with DOE.
NRFBOP003	D.5.02.60	IEC/DOE	Baisch, Boe	Larsen, Eric Charles	<u>NRF BOP</u> : Unexpected Waste Properties	Waste removed from any work being completed for FMP has unexpected properties. These properties result in not meeting the waste acceptance criteria (WAC) for the planned disposal path. This could require additional packaging, and alternative disposal path. No treatment, storage, and Disposal Facility (TSDF) available for offsite treatment of "hazardous" waste generated during deactivation or characterization.	Unexpected waste profile not identified by FMP discovered while removing waste.	Open	Threat	Share	Rare	Minor	1-Low	\$ 10,000	\$ 50,000	\$ 75,000	8	16	32	Cost and Schedule impacts have been estimated based on SME expertise. This risk will apply to all facilities that will be turned over to IEC.	Propose Share with DOE.
NRFBOP005	D.5.02.60	DOE	Baisch, Boe	Larsen, Eric Charles	<u>NRF BOP</u> : 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.	Emerging national and international events impact supply chain.	Open	Threat	Transfer	Unlikely	Moderate	2-Low	\$ 5,000	\$ 10,000	\$ 60,000	5	10	32	Based on SME experience. Best case assumes 1 week delay and a small cost increase. Most Likely assumes 2 1/2 weeks delay with moderate expense for supplies due to availability. Worst Case assumes 2 months delay.	Propose Transfer to DOE.



CID 89303321DEM000061/89304223FEM400000, Mod P00129
 CLIN 05, Subtask 502
 Task Order 5.2

TO 5.2 NRF D&D Balance of Plant Project Risk Register

Moho Cleanup Project Programmatic Risk Register

Risk ID	Task Order	WBS	Responsible Organization	IEC/OC	DOE PFD	Risk Title	Risk Description	Trigger Event	Status	Risk Type	Handling Strategy	Risk Event Likelihood	Risk Impact	Risk Rating	Cost Impacts			Schedule Impacts (in days)			Mitigation/Enhancement Activities	Mitigation Activities (if activities that pertain to your mitigation action)	Response/Recovery Action	
															Best Case	Most Likely	Worst Case	Best Case	Most Likely	Worst Case				
NRFROP001	TOS.1	0.5.02.00	EC	Balsch, Bob	Larsen, Eric Charles	<u>NRF_R02C</u> Industrial Incidents Resulting in Shutdowns	An industrial incident resulting in serious personnel injury may cause an extended shutdown due to corrective actions or equipment failures.	An unanticipated accident resulting in injury.	Open	Threat	Accept	Rare	Critical	2-Moderate	\$ 750,000	\$ 1,500,000	\$ 3,000,000	100	180	204	Cost is based on the DOE estimate to perform corrective actions, but dependent on extent of the event. Best Case is incident is minor, with a quick investigation and very few corrective actions. Worst case is prolonged shut-down with extensive recovery actions, corrective actions, training, etc. This risk applies to all facilities that will be turned over to IEC.	Perform regular work force training and briefings.	NRFROP-4034M	N/A
NRFROP002	TOS.2	0.5.02.00	IEC/DOE	Balsch, Bob	Larsen, Eric Charles	<u>NRF_R02C</u> Delays due to FMP Facility Maintenance, Utility Isolations and Road Closures	Any unforeseen floor Mixture Proportion (FMP) facility maintenance, road closures or utility isolations at Naval Reactor Facility (NRF) may delay the projects schedule.	Any maintenance, road closure or utility isolations that interferes with project.	Open	Threat	Share	Possible	Moderate	2-Low	\$ 5,000	\$ 10,000	\$ 60,000	12	16	24	Best case is based on delay of work for 1 crew for 1 day/month and worst case is based on delay for 3 crews 2 days/month due to road closures, excavations, FMP's or corrective maintenance by FMP that impacts IEC work area. This risk applies to all task turned over to IEC.	Propose Share with DOE.	N/A	Propose Share with DOE.
NRFROP003	TOS.2	0.5.02.00	IEC/DOE	Balsch, Bob	Larsen, Eric Charles	<u>NRF_R02C</u> Unexpected Waste Properties	Waste removed from any work being completed for FMP has unexpected properties. These properties result in waste not meeting the waste acceptance criteria (WAC) for the planned disposal path. This could require additional packaging, and alternative disposal path and/or result in no Treatment, Storage, and Disposal Facility (TSDF) availability for offsite treatment of "heat-treated" waste generated during decontamination or characterization.	Unexpected waste profile not identified by FMP discovered while removing waste.	Open	Threat	Share	Rare	Minor	2-Low	\$ 10,000	\$ 50,000	\$ 75,000	8	16	32	Cost and Schedule impacts have been estimated based on I&M experience. This risk will apply to all facilities that will be turned over to IEC.	Propose Share with DOE.	N/A	Propose Share with DOE.
NRFROP004	TOS.1	0.5.02.00	EC	Balsch, Bob	Larsen, Eric Charles	<u>NRF_R02C</u> Loss of Contamination Control	Loss of contamination control (outside D&D boundaries) during demolition may result in personnel contamination and/or extended shutdown for recovery.	An unanticipated event driven by discovery of potential radiological contamination outside of the demolition boundary.	Open	Threat	Accept	Rare	Major	2-Low	\$ 561,500	\$ 1,687,500	\$ 2,000,000	10	30	30	Cost and schedule impacts based on recovery actions/shut down due to varying severity of a loss of contamination control/evaporator exposure. This risk will apply to NRF-642 FTB Building, Evaporator Bottoms Tank, Building NRF-707 A2W Water Tank.	N/A	N/A	N/A