

| | | | | | | | |
|--|--|---|---------------------|---|---------------|--------------------------------|---|
| AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT | | | 1. CONTRACT ID CODE | | PAGE OF PAGES | | |
| | | | | | 13 | | |
| 2. AMENDMENT/MODIFICATION NO. | | 3. EFFECTIVE DATE | | 4. REQUISITION/PURCHASE REQ. NO. | | 5. PROJECT NO. (If applicable) | |
| P00084 | | See Block 16C | | | | | |
| 6. ISSUED BY | | CODE | | 7. ADMINISTERED BY (If other than Item 6) | | CODE | |
| | | 893042 | | U.S. Department of Energy Idaho Operations Office 1955 Fremont Avenue Idaho Falls ID 83415 | | 00701 | |
| EM-Idaho Department of Energy Office of Environmental Management Idaho Cleanup Project 1955 Fremont Avenue Idaho Falls ID 83415 | | | | | | | |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) | | | | (x) | | | 9A. AMENDMENT OF SOLICITATION NO. |
| IDAHO ENVIRONMENTAL COALITION LLC Attn: John H. MacRae, Jr. 1580 Sawtelle Street Idaho Falls ID 83402 | | | | | | | 9B. DATED (SEE ITEM 11) |
| | | | | x | | | 10A. MODIFICATION OF CONTRACT/ORDER NO. 89303321DEM000061 89304223FEM400000 |
| | | | | | | | 10B. DATED (SEE ITEM 13) 09/08/2023 |
| CODE | | LQ5ZLNE3EM27 | | FACILITY CODE | | | |
| 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS | | | | | | | |
| <input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> 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 1 (Apr 1984) | | | | | |
| | | D. OTHER (Specify type of modification and authority) | | | | | |
| E. IMPORTANT: Contractor <input type="checkbox"/> is not <input checked="" type="checkbox"/> 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 extend the period of performance of Task Order (TO) | | | | | | | |
| 6.1 - Non-Defense Project. See below for further details. | | | | | | | |
| All other terms and conditions remain unchanged. | | | | | | | |
| Payment: | | | | | | | |
| OR for Idaho | | | | | | | |
| U.S. Department of Energy | | | | | | | |
| Oak Ridge Financial Service Center | | | | | | | |
| P.O. Box 6017 | | | | | | | |
| Oak Ridge TN 37831 | | | | | | | |
| Continued ... | | | | | | | |
| Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect. | | | | | | | |
| 15A. NAME AND TITLE OF SIGNER (Type or print) | | | | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) | | | |
| KIMBERLI SOUTHWICK (Affiliate) | | | | Aaron Nebeker | | | |
| 15B. CONTRACTING OFFEROR | | | | 16B. UNITED STATES OF AMERICA | | 16C. DATE SIGNED | |
| Digitally signed by KIMBERLI SOUTHWICK (Affiliate) Date: 2025.04.29 13:50:07 -0600 | | | | AARON NEBEKER Digitally signed by AARON NEBEKER Date: 2025.04.29 14:07:02 -0600 | | 04/29/2025 | |
| (Signature of person authorized to sign) | | | | (Signature of Contracting Officer) | | | |

| | | | |
|--------------------|--|------|----|
| CONTINUATION SHEET | REFERENCE NO. OF DOCUMENT BEING CONTINUED | PAGE | OF |
| | 89303321DEM000061/89304223FEM400000/P00084 | 2 | 3 |

NAME OF OFFEROR OR CONTRACTOR
IDAHO ENVIRONMENTAL COALITION LLC

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| 00601 | <p>Period of Performance: 10/01/2023 to 09/30/2031</p> <p>Change Item 00601 to read as follows (amount shown is the total amount):</p> <p>CLIN 06 SUBTASK 0601 NON-DEFENSE PROJECT (TASK ORDER 6.1)</p> <p>Line item value is: \$34,515,345.36</p> <p>Incrementally Funded Amount: \$12,196,951.99</p> <p>This modification extends the Period of Performance of TO 6.1 - Non-Defense Project from September 30, 2025 through September 30, 2031. However, current work scope is only authorized beginning October 1, 2025 through September 30, 2028 (three years). This extension is effective October 1, 2025, immediately following the end of the current period of performance. The scope of work can be found in Section C in the TO 6.1 attachment.</p> <p>This TO remains a Cost-Plus-Fixed-Fee type TO. This extension increases the TO 6.1 ceiling value by a total price of \$21,065,920.36 from \$13,449,425 to \$34,515,345.36, which is broken out as follows:</p> <ul style="list-style-type: none"> - Direct cost: \$15,542,216.47 - Indirect Cost: \$4,746,593.05 - Fee: \$777,110.84 - Total Price: \$21,065,920.36 <p>The following documents are attached to this modification:</p> <ul style="list-style-type: none"> - SF30 signed - TO 6.1 - Hybrid TO 10-Year Plan - Risk Register <p>All other terms and conditions remain unchanged.</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 Continued ...</p> | | | | 34,515,345.36 |

NAME OF OFFEROR OR CONTRACTOR
IDAHO ENVIRONMENTAL COALITION LLC

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| | equitable adjustments attributable to such facts or circumstances giving rise to the proposal for adjustment. | | | | |

IDAHO CLEANUP PROJECT (ICP)

CONTRACT NO. 89303321DEM000061, CID: 89304223FEM400000, MODIFICATION P000~~05~~84
CLIN 06, SUBTASK 6.1 – NON-DEFENSE PROJECT (TO-6.1)

Task Order 6.1 – Non-Defense Project

IDAHO CLEANUP PROJECT (ICP)

CONTRACT NO. 89303321DEM000061, CID: 89304223FEM400000, MODIFICATION P000~~05~~84
CLIN 06, SUBTASK 6.1 – NON-DEFENSE PROJECT (TO-6.1)

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IDAHO CLEANUP PROJECT (ICP)

CONTRACT NO. 89303321DEM000061, CID: 89304223FEM400000, MODIFICATION P000~~05~~84
CLIN 06, SUBTASK 6.1 – NON-DEFENSE PROJECT (TO-6.1)

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IDAHO CLEANUP PROJECT (ICP)CONTRACT NO. 89303321DEM000061, CID: 89304223FEM400000, MODIFICATION P000~~05~~-84

CLIN 06, SUBTASK 6.1 – NON-DEFENSE PROJECT (TO-6.1)

Section B - Supplies or Services and Prices/Costs

This subtask (herein referred to as Task Order 6.1) 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) | 06 | CLIN 06 |
| Subtask | 0601 | Task Order 6.1 |

Section B of the Hybrid Task Order is incorporated by reference. The requisite clause information specific to this Task Order 6.1 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 6.1 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 6.1.

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 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: | \$9,015,094 <u>33,226,546.52</u> |
| Fixed Fee: | \$345,432 <u>1,288,798.84</u> |
| PMI Fee: | * |
| Total Estimated Price: | \$9,360,526 <u>34,515,345.36</u> *** |
| Level of Effort (Productive Hours): | 6,325 <u>24,514</u> ** |

* 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 to 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 P000~~05~~-84

CLIN 06, SUBTASK 6.1 – NON-DEFENSE PROJECT (TO-6.1)

(3) CLIN Description:

CLIN 06 – Non-Defense Project:

The non-defense scope shall be performed in accordance with Section C.7.2 Non-Defense Environmental Management (EM)-Funded Spent Nuclear Fuel (SNF) Activities of the Master IDIQ Contract. Costs are reimbursed based on allowable actual costs billed to the Task Order.

(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 accuracy 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-6.1, the Contractor shall perform the scope defined in the following PWS section of the Master IDIQ Contract, identified below:

- C.7.2 Non-Defense EM-Funded SNF Activities

This work scope includes oversight and management of the Three Mile Island Unit 2 (TMI-2) and Fort St. Vrain (FSV) Independent Spent Fuel Storage Installation (ISFSI) in accordance with the Nuclear Regulatory Commission (NRC) requirements and regulations and the NRC license. The Idaho Environmental Coalition (IEC) is responsible for all aspects of management of the facilities including operations, surveillance, and maintenance and all aspects of infrastructure. IEC shall perform all aging management inspections in accordance with the licenses, final safety analysis reports (FSARs), and Aging Management Programs.

- 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.

IDAHO CLEANUP PROJECT (ICP)

CONTRACT NO. 89303321DEM000061, CID: 89304223FEM400000, MODIFICATION P000~~05-84~~

CLIN 06, SUBTASK 6.1 – NON-DEFENSE PROJECT (TO-6.1)

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 6.1 Period of Performance (POP) is extended with this mod to anticipated to be October 1, 2023 through September 30, 2025~~31~~. ~~The period of performance may be extended for an overall Task Order Period of Performance estimated to be eight (8) years (October 1, 2023 through September 30, 2031).~~ This modification is negotiating authorizes work scope for Fiscal Years 26-28 only.

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.

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 6.1. The Contractor shall submit the required deliverables under Task Order 6.1 in accordance with Attachment J-2 *Contract Deliverables* of the Master IDIQ Contract.

IDAHO CLEANUP PROJECT (ICP)
CONTRACT NO. 89303321DEM000061, CID 89304223FEM400000
ICP TEN-YEAR PLAN - HYBRID TASK ORDER
MOD P000~~79~~84

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 P000~~79~~84

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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 | \$ 729,488,017 |
| CLIN 04 RWMC Closure | | | | | |
| 401 | | Reserved | | | |
| 402 | TBD | SDA Cap Installation (TO 4.2) | CPIF | TBD | TBD |
| 403 | TBD | AMWTP Storage Facility RCRA Closure and Demo (TO 4.3) | TBD | TBD | TBD |
| 404 | TBD | AMWTP Treatment Facility RCRA Closure and Demo (TO 4.4) | TBD | TBD | TBD |
| CLIN 05 Naval Reactors | | | | | |
| 501 | 09/08/2023 | S1W D&D (TO 5.1) | CPIF | 10/1/2023 - 11/26/2025 | \$ 58,691,405 |
| 502 | TBD | Core Car (TO 5.2) | TBD | TBD | TBD |
| 503 | TBD | A1W D&D (TO 5.3) | TBD | TBD | TBD |
| 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 - 9/30/2025 | \$ 13,449,425 |
| | | | | | \$ 5,345.36 |
| CLIN 07 Tank Closure | | | | | |
| 701 | 09/18/2023 | IWTU Operations (TO 7.1) | CPFF | 10/1/2023 - 9/30/2025 | \$ 238,939,203 |
| 702 | TBD | Tank Closure (TO 7.2) | TBD | TBD | TBD |
| TOTAL | | | | | \$ 1,040,568,051.0 |
| | | | | | \$ 61,633,970.36 |

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.



T06.1 Non-Defense Project : Proposed DOE Transfer Risks

Idaho Cleanup Project Programmatic Risk Register

Updated : 1/9/25

| Risk ID | WBS | Responsible Organization | Risk Owner | 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 Case2 | Most Likely3 | Worst Case4 | | |
| NRC001R2 | D.1.03.60.02 | DOE | Long, Jeffery | NRC Licensed SNF Storage Facilities: NRC regulations or directions are revised or updated. | NRC regulations or directions may be revised or updated such that it might require us to revise programs, procedures, or implement various other measures. | Receipt of NRC direction, request for information, notice of violation or other confirmatory order | Open | Threat | Transfer | Possible | Minor | 2-Low | \$20,000 | \$100,000 | \$1,000,000 | 8 | 16 | 32 | Best case based on SME experienceMost likely case based on actuals for response to RFI,Worst case based on actuals for resonse to Confirmatory Order | Propose Transfer to DOE |
| NRC012 | D.1.03.60 D.1.03.61 | DOE | Long, Jeffery | NRC Licensed SNF Storage Facilities: 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 | Possible | Moderate | 2-Low | \$10,000 | \$50,000 | \$100,000 | 4 | 16 | 48 | Based on SME experience. Best case assumes 1 week delay with little expense. Most likely assumes 1 month delay with moderate expense for equipment. Worst case assumes 90 day delay. | Propose Transfer to DOE |



T06.1 Non-Defense Project

Idaho Cleanup Project Programmatic Risk Register
Updated 1/9/25

| Risk ID | WBS | Responsible Organization | Risk Owner | 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 | Risk Mitigation Activity ID |
|----------|--|--------------------------|---------------|--|--|--|----------|-----------|-------------------|-----------------------|-------------|-------------|--------------|-------------|-------------|----------------------------|--------------|-------------|---|---|-----------------------------|
| | | | | | | | | | | | | | Best Case | Most Likely | Worst Case | Best Case2 | Most Likely3 | Worst Case4 | | | |
| NRC007R2 | D.1.06.60 D.1.06.62 | IEC | Long, Jeffery | NRC Licensed SNF Storage Facilities: Loss of Specialty Resources | Loss of qualified and trained resources could result in cost and schedule delays. | Retirement or notification of intent to leave. | Open | Threat | Accept | Likely | Serious | 4-High | \$100,000 | \$200,000 | \$500,000 | 16 | 48 | 64 | Based on SME input Best case is that replacement personnel are immediately available with little downtime or vacancy in the position. Most likely case is that it may take 1-2 months to fill in and train replacement. Worst case is that it may take 6 months or more to recruit new personnel and train. | | |
| NRC011 | D.1.06.60 D.1.06.63 | IEC | Long, Jeffery | NRC Licensed SNF Storage Facilities: 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 | Open | Threat | Accept | Rare | Minor | 1-Low | \$20,000 | \$50,000 | \$300,000 | 4 | 8 | 16 | Cost is based on ROM estimate to perform corrective actions, but dependant on extent of event. Best case = incident is minor, and investigated quickly with very few corrective actions requiring attention. Worst case = prolonged shut-down with extensive recovery actions, training, etc. | | |
| NRC301 | D.1.03.61.05 | IEC | Long, Jeffery | Incompatible Equipment | New equipment purchased as part of the FY24 IPL, is not compatible and different replacements have to be purchased. The project will incur unforeseen costs from purchasing equipment not anticipated. The project will also experience schedule delays to perform the procurement and receiving items. | During install, equipment is discovered to be incompatible with the existing system. | Open | Threat | Accept | Rare | Moderate | 1-Low | \$5,000 | \$50,000 | \$200,000 | 8 | 16 | 32 | Best case assumes that equipment can be returned to the vendor without any penalties and minimum restocking fee. Most likely case assumes that only some equipment will cannot be returned to vendor and delays to schedule and costs for additional trips by vendor to the facility. Worst case is based on needing to re-purchase all new equipment. | | |
| NRC300 | D.1.03.61.05 | IEC | Long, Jeffery | Crane Hydraulic Motor Repair | While performing hydraulic motor repairs on the crane, more issues are identified that will need to be resolved before continuing. The project will experience schedule delays and cost increases to resolve the additional problems. | More issues with the crane are identified. | Realized | Threat | Accept | Almost Certain | Minor | 3-Moderate | \$2,000 | \$10,000 | \$50,000 | 4 | 8 | 16 | Cost and schedule delays based on vendor quotes to replace entire hydraulic motor. This is most likely case. Best case is based on SME input to obtain additional minor parts. Worst case based on SME input assuming additional issues are found with other parts and equipment. | | |
| NRC302 | D.1.03.60.17 | IEC | Long, Jeffery | Inclement Weather | Inclement weather delays surveys or work being completed. TMI-2 has strict requirements for windspeed, precipitation and temperature while performing surveys. | Inclement weather stops or delays work at TMI-2. | Open | Threat | Accept | Likely | Minor | 2-Low | \$10,000 | \$50,000 | \$100,000 | 1 | 4 | 8 | Best Case: 1 day accumulative of inclement weather Most Likely: 1 week accumulative of inclement weather Worst Case: 2 weeks accumulative of inclement weather | | |
| NRC303 | D.1.03.61.15 | IEC | Long, Jeffery | Wildlife Interference with Facility Improvements at FSV | Wildlife impacting FSV Access road, asphalt storage pads, and security measures at FSV facility may cause a need to implement alternative methods and delay completion of this work. | Initial wildlife mitigation activities are unsuccessful. | Open | Threat | Accept | Possible | Minor | 2-Low | \$5,000 | \$10,000 | \$100,000 | 0.5 | 1 | 8 | *Best Case: Work delay of <1 day as a result of identified interference from swallows nesting or other wildlife activities. Most Likely Case: Work delay of 1 day as a result of identified wildlife interference with scheduled operations or maintenance. Worst Case: Work delay of 8 days as a result of identified species stopping work due to protected status and need for extensive mitigation measures to relocate species. | | |
| NRC305 | D.1.03.61.13 | IEC | Long, Jeffery | NRC License Renewal Requires Additional Procedural Requirements | NRC license renewal or extension processes are scheduled to be completed prior to the end of the contract date, and additional surveillance and maintenance aging management requirements may be required to implement in order to maintain license in accordance with new amendment. These additional requirements may increase costs of maintaining NRC facilities. | Renewed license is issued. | Open | Threat | Accept | Rare | Minor | 1-Low | \$10,000 | \$75,000 | \$1,500,000 | 0 | 16 | 180 | Completion of an NRC License Amendment, unless strictly administrative, will typically add new surveillance or inspection requirements. Best case scenario is that the license amendment only requires administrative updates to SAR or other procedures without any impacts to schedule to perform planned surveillances or inspections. Most likely that the license amendment will require at least 1 new annual inspection activity impacting schedule by 1 month to develop new procedure, procure associated equipment and perform the inspection. Worst case that the license amendment will require 3 new inspection activities in the contract period with extensive procurement of new technologies and design of new equipment requiring 1 year to develop and execute. | | |
| NRC003R2 | D.1.06.60 D.1.06.61 D.1.03.60 D.1.03.61 | IEC | Long, Jeffery | NRC Licensed SNF Storage Facilities: Aging conditions of facilities | There are aging conditions at both TMI-2 and FSV. Continued weathering and degradation is likely to require additional repairs and maintenance to concrete, paint, other coatings, associated infrastructure components, etc. If these repairs and/or upgrades do not occur they will prohibit critical project completion and could be identified as noncompliance with NRC requirements. | Continued degradation of facilities with out necessary repairs and/or upgrade | Open | Threat | Mitigate | Possible | Major | 4-High | \$1,800,000 | \$2,000,000 | \$2,200,000 | 48 | 80 | 96 | Best case is that lack of funding will occur between activities resulting in schedule delays but no rework or additional mobilization/demobilization/stand-by impacts. Most likely case is that in addition to schedule delays, some re-work will be required, mobilization/demobilization of crews will be required, vendor costs will be higher due to inflation and securing specialized resources, and additional procurement of equipment. Worst case is that funding is cut in the middle of the job resulting in complete re-work, additional demobilization/mobilization costs, work site being left in condition to accentuate or accelerate deterioration conditions, etc. | Stock spare parts/material to minimize delay of needed repairs. | TMI2-OPS-1030RM |