AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE OF PAGES
	1 3

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
P00123	See Block 16C		

6. ISSUED BY	CODE	7. ADMINISTERED BY *(If other than Item 6)*	CODE
EM-Idaho Department of Energy Office of Environmental Management Idaho Cleanup Project 1955 Fremont Avenue Idaho Falls ID 83415	893042	U.S. Department of Energy Idaho Operations Office 1955 Fremont Avenue Idaho Falls ID 83415	00701

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and ZIP Code)*

IDAHO ENVIRONMENTAL COALITION LLC
Attn: John H. MacRae, Jr.
1580 Sawtelle Street
Idaho Falls ID 83402

CODE LQ5ZLNE3EM27 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

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 and award work scope under Task Order 5.1 (TO 5.1) for the Naval Reactors Facility (NRF) Deactivation and Demolition (D&D) of the Submarine 5th Generation General Electric (S5G) reactor. Previously, modification P00113 (dated October 30, 2025) issued a unilateral change order and provided a Not-to-Exceed (NTE) authorization of $6M. This authorization allowed Idaho Environmental Coalition (IEC) to begin work while proposal development and evaluation were in progress. Additional details are provided below.

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) Digitally signed by KIMBERLI SOUTHWICK (Affiliate) Date: 2026.01.26 17:30:56 -07'00'	Aaron Nebeker

15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		AARON NEBEKER Digitally signed by AARON NEBEKER Date: 2026.01.27 06:00:15 -07'00' (Signature of Contracting Officer)	1/27/26

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	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 Change Item 00005 to read as follows(amount shown is the total amount):				
00005	CLIN 05 SUBTASK 0501 NAVAL REACTORS D&D (TASK ORDER 5.1) Line item value is: $278,054,550.00 Incrementally Funded Amount: $72,720,928.00 This modification awards work scope under TO 5.1 - NRF D&D relating to the S5G prototype reactor, and is within scope under section C.8.0 of the contract. S5G is the third and final NRF prototype reactor anticipated to be D&D'd under this TO. Based on the incorporated work scope as specified in the attachments, the overall value and period of performance of TO 5.1 will be adjusted and is detailed below. The total change in TO 5.1 value is an increase of $136,598,153, broken down as follows: $91,541,451 - Direct Costs $31,325,484 - Indirect Costs $13,731,218 - Fee $136,598,153 - Total Price Fee incentives include cost and delivery incentives. Further details on fee can be found in the attached document titled "Task Order 5.1 - NRF D&D_S5G_Redline". The TO 5.1 period of performance is extended from September 28, 2028 to September 30, 2031. Attached to this award are the following documents: - SF30 Signed - Task Order 5.1 NRF D&D_S5G_Redline - Hybrid Ten Year Task Order Plan_Redline - Risk Register Continued ...				278,054,550.00

NAME OF OFFEROR OR CONTRACTOR
IDAHO ENVIRONMENTAL COALITION LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	CONTRACTOR'S STATEMENT OF RELEASE: In consideration of the modification agreed to herein as a complete equitable adjustment for the above stated scope of work identified in this contract action, and in accordance with contract section H.51, Task Ordering Procedure, the Contractor hereby releases the Government from any and all liability under this contract for further equitable adjustments attributable to such facts or circumstances giving rise to the proposal adjustment.				

TASK ORDER 5.1 – NAVAL REACTOR'S DEMOLITION AND DISMANTLEMENT (D&D)

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Table of Contents

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Section B - Supplies or Services and Prices/Costs

This subtask (herein referred to as Task Order 5.1) 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	05	CLIN 05
Subtask	0501	Task Order 5.1

Section B of the Hybrid Task Order is incorporated by reference. The requisite clause information specific to this Task Order 5.1 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 Task Order 5.1 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 Task Order 5.1.

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 and performance incentive information are as follows:

(i) Cost Incentive (S1W D&D):

Target Cost (Direct):	$ 39,975,444
Target Fee (1.0%):	$ 399,754
Maximum Fee (3.0%):	$ 1,199,263
Minimum Fee:	$ 0

Cost Incentive (A1W D&D and S5G Planning):

Target Cost (Direct):	$ 56,867,523
Target Fee (1.0%):	$ 586,675
Maximum Fee (3.0%):	$ 1,706,025
Minimum Fee:	$ 0

Cost Incentive (S5G D&D):

Target Cost (Direct): $ 91,541,451

Target Fee (1.0%): $ 909,505

Maximum Fee (3.0%): $ 2,746,244

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 overall fee be greater than fifteen (15) percent or less than zero percent of the target cost.

(ii) Performance Incentive (S1W D&D):

Maximum Fee (12.0%): $ 4,797,053

Minimum Fee: $ 0

Performance incentive fee shall be earned as deactivation and demolition of the S1W areas are completed. Performance incentive fee shall be earned as follows (Table B-1):

Table B-1. Performance Incentive (S1W D&D)

PERFORMANCE INCENTIVE - PROGRESS/COMPLETION FEE		Amount
Interim/Progress Fee 6.75% (earned upon completion/no clawback)		
Deactivation Activities:		
Area 4 Hot Cell Ready for Demo		$ 150,000
Prototype Engine Compartment Ready for Demo		$ 150,000
Prototype Reactor Compartment Ready for Demo		$ 150,000
Deactivation of NRF-601 complete		$ 450,000
Demolition Activities:		
NRF-601 Above Grade Demolition Areas 1, 2, and 7		$ 800,000
Slab/Below-Grade Demolition and Waste Loadout		$ 1,000,000
Total Progress Fee		**$ 2,700,000**
End State Fee 5.25%		
End State-S1W D&D Completed Site Restoration/Closure by 11/26/2025		$ 2,097,053
End State-S1W D&D Completed Site Restoration/Closure ***after*** 11/26/2025		$ -
Total End State Fee		**$ 2,097,053**
TO 5.1 Maximum Available Fee for S1W D&D Completed Site Restoration/Closure by 11/26/2025	**12.0%**	**$ 4,797,053**

(A) $150,000 may be earned (no claw back) equally as deactivation of each of the S1W areas listed above: Area 4 Hot Cell, prototype engine compartment, and prototype reactor compartment, are completed. Upon completion of all three (3) deactivation activities, including ready for demolition, the Contractor shall earn an additional $450,000. If less than three (3) of the S1W areas are deactivated, the Contractor will not earn the $450,000. The total interim progress fee available for deactivation of NRF-601 is $900,000.

(B) $800,000 may be earned with completion of the NRF-601 above grade demolition, and an additional $1,000,000 may be earned with completion of the slab/below-grade demolition and waste loadout. The total interim progress fee for demolition activities is $1,800,000.

(C) The remaining $2,097,053 shall be earned by the Contractor after completion of site restoration and closure of S1W on or before November 26, 2025. None of the $2,097,053 fee shall be earned if site restoration and closure of S1W are not completed by November 26, 2025.

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

NRF-601 demolition, waste disposition, and site restoration and closure sequenced with the start of full A1W facility deactivation and demolition to ensure continuity of work and highly skilled/trained workforce.

Performance Incentive (A1W D&D and S5G Planning)

Maximum Fee (6.90%): $ 3,923,859

Minimum Fee: $ 0

Performance incentive fee shall be earned as deactivation and demolition of the A1W areas are completed. Performance incentive fee shall be earned as follows (Table B-1):

Table B-21. Performance Incentive

{See table below)

	Performance Incentive	6.90%
	A1W DEACTIVATION (Fee Earned Upon Completion/No Clawback)	Amount
1	A1W Area 6 Diesel Generator Building Deactivation Complete/Demolition Ready	$ 60,000
2	A1W Area 2 Power Absorber Building Deactivation Complete/Demolition	$ 60,000
3	A1W Area 1 Dumping Condenser #1 Deactivation Complete/Demolition	$ 60,000
4	A1W Area 7 PCMA Deactivation Complete/Demolition Ready	$ 60,000
5	A1W Area 8 616C Office/Lab Deactivation Complete/Demolition Ready	$ 60,000
6	A1W Area 9 616C Office/Lab Deactivation Complete/Demolition Ready	$ 60,000
7	A1W Area 10 Crane and Crane Enclosure Deactivation Complete/Demolition Ready	$ 60,000
8	A1W Area 3 Prototype Hull Structure Deactivation Complete/Ready	$ 60,000
9	A1W Area 4 PCMA Deactivation Complete/Demolition Ready	$ 60,000
10	A1W Area 5 Reactor Compartment Deactivation Complete/Demolition Ready	$ 60,000
11	NRF- 626A/B Demolition Ready	$ 60,000
12	NRF-733 Tunnel Deactivation Complete/Demolition Ready	$ 60,000
13	Complete Transporting Reactor Vessels 3A to ICDF	$ 130,000
14	Complete Transporting Reactor Vessels 3B to ICDF	$ 130,000
	A1W DEACTIVATION TOTAL	**$ 980,000**
	A1W DEMOLITION (Fee Earned Upon Completion/No Clawback)	
1	A1W Area 1 Above Grade Demolition Complete	$ 66,000
2	A1W Area 2 Above Grade Demolition Complete	$ 67,000
3	A1W Area 6 Above Grade Demolition Complete	$ 67,000
4	A1W Area 8 616C Above Grade Demolition Complete	$ 200,000
5	A1W Area 9 616C Above Grade Demolition Complete	$ 200,000
6	A1W Area 10 Crane and Crane Enclosure Demolition Complete	$ 200,000
7	A1W Area 3 Prototype Hull Above Grade Demolition Complete	$ 200,000
8	A1W Area 4 PCMA Above Grade Demo Complete	$ 200,000
9	A1W Area 7 PCMA Above Grade Demolition Complete	$ 200,000
10	A1W Area 5 Reactor Compartment Above Grade Demolition Complete	$ 400,000
11	A1W Slabs and 733 Tunnel Complete Demolition	$ 385,000
12	NRF 626 A/B Demolition Complete	$ 378,635
	A1W DEMOLITION TOTAL	**$ 2,563,635**
	S5G Source Removal Activities (Fee Earned Upon Completion/No Clawback)	Amount
1	S5G Source Removal	$ 190,112
2	S5G Removal and Disposal of Loose Item in Basin	$ 190,112
	S5G SOURCE REMOVAL TOTAL	**$ 380,224**
	TOTAL PERFORMANCE INCENTIVE	**$ 3,923,859**

Performance/Delivery Incentive (S5G D&D)

Maximum Fee (6.75%): $ 6,179,048

Minimum Fee: $ 0

Performance incentive fee shall be earned as deactivation and demolition of the S5G areas are completed. Must be complete before 9/30/2031 to be earned. Performance incentive fee will be earned as follows (Table B-2):

Table B-3. Performance/~~/~~Delivery Incentive

Performance/Delivery Incentive			
S5G Reactor Vessel Disposal at ICDF	*0.75%*	*$*	*686,561*
S5G Prototype Dismantlement and Disposal	*5.50%*	*$*	*5,034,780*
Installation of the Structural Floor	*0.50%*	*$*	*457,707*
Total	***6.75%***	***$***	***6,179,048***

(iii) Schedule Incentive (A1W D&D and S5G Planning):

	Schedule Incentive	5.10%
1	Complete A1W D&D by 9/28/28	**$ 2,900,244**
2	Complete A1W D&D **AFTER** 9/28/28	$ -

Schedule Incentive (S5G D&D):

	Schedule Incentive (Max)	5.25%	$	4,805,926
1	Final Completion - Early Date of 7/31/2031	5.25%	$	4,805,926
2	Final Completion - Late Date of 9/30/2031	4.16%	$	3,805,926

There is a $1M difference in fee between completing final delivery by the early date of July 31, 2031 and the late date of September 30, 2031. If final completion occurs within this two-month window, the fee will be prorated based on the completion date, at a rate of $16,393 per day ($1,000,000 ÷ 61 days).

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

Table B-~~4~~2. Estimated Total Price (S1W D&D)

Total Estimated Direct Cost:	$39,975,444
Cost Incentive Fee Max:	$1,199,263
Performance Management Incentive (PMI) Fee:	*
Performance Incentive Fee Max:	$4,797,053
Total Estimated Price (Direct Cost + Max Fee):	$45,971,760

Table B-~~3~~5. Estimated Total Price (A1W D&D and S5G Planning)

Total Estimated Direct Cost:	**$56,867,523**
Cost Incentive Fee Max:	**$1,706,025**
Performance Management Incentive (PMI) Fee:	*

Performance Incentive Fee Max:	**$3,923,859**
Schedule Incentive	**$ 2,900,244**
Total Estimated Price (Direct Cost + Max Fee):	**$65,397,651**

Table B-6. Estimated Total Price (S5G D&D)

Total Estimated Direct Cost:	**$91,541,451**
Cost Incentive Fee Max:	**$2,746,244**
Performance Management Incentive (PMI) Fee:	*****
Performance/Delivery Incentive Fee Max:	**$6,179,048**
Schedule Incentive	**$ 4,805,926**
Total Estimated Price (Direct Cost + Max Fee):	**$105,272,669**

Table B-74. Estimated Total Price (Combined Total)

Total Estimated Direct Cost:	~~**$96,842,967**~~ **$188,384,418**
Cost Incentive Fee Max:	~~**$2,905,288**~~ **$5,651,532**
Performance Management Incentive (PMI) Fee:	*****
Performance/Delivery Incentive Fee Max:	~~**$8,720,912**~~ **$14,899,960**
Schedule Incentive	~~**$ 2,900,244**~~ **$7,706,170**
Total Estimated Price (Direct Cost + Max Fee):	~~**$111,369,411**~~ **$216,642,080**

**PMI will be available among all active TOs; however, the entire PMI fee available is managed under TO-3.2.*

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 fee associated with POH will be captured in Task Order 3.2 Integration and Mission Continuity for Fiscal Years 2024-2028, POH.

(b) Payment of fee:

(1) Cost incentive fee will be made in accordance with this clause and Section B.12 *Provisional Payment of Fee* (Oct 2013)(Revised) of the Master IDIQ Contract.

(2) Cost incentive fee under this Task Order 5.1 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. 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 associated D&D facility project..

(3) Performance/Delivery incentive fee under this Task Order 5.1 will be invoiced and paid quarterly after completion criteria is validated by DOE-ICP.

For S5G, when IEC meets, or is on track to meet, the Performance/Delivery Incentives, fee is paid as follows:

a) A provisional fee will be paid quarterly based on the completion percentage accomplished in that quarter for each Performance/Delivery Incentive
b) The completion percentage for each Performance/Delivery Incentive will be determined by the project's P6 schedule
c) The project must maintain an S5G Project Schedule Performance Index (SPI) of .9 or greater to invoice provisional fee
d) Once a Performance/Delivery Incentive is completed, the Performance/Delivery Incentive fee for that item cannot be clawed back as long as that Performance/Delivery Incentive was completed prior to 09/30/2031

(4) Schedule fee (A1W & S5G) will be paid as a lump sum if schedule milestone is met or exceeded. S5G project completion after the latest schedule milestone will result in no earned schedule fee and any provisional schedule fee paid will be clawed back.

(c) Task Order 5.1 Description:

Initially, the PWS is covered under Task Order 3.2 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, Naval Reactors End State includes the following subtasks for Naval Reactors End State: S1W Facility D&D, Aircraft Carrier 1st Generation Westinghouse (A1W) Facility D&D, Submarine 5th Generation General Electric (S5G) Facility D&D, and Core Car. Task Order 5.1, includes the S1W Facility D&D, ~~and~~ A1W Facility D&D and S5G Planning, and S5G D&D. Additional work scope for the remaining Naval Reactors End State 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*, total funds in the amount(s) of $*(see current funding modification and accompanying detailed funding profile)* are obligated for the payment of allowable costs.

Obligated funding shall only be used for the specific subtasks as designated in the Hybrid Task Order and shall not be used for any other subtask.

Section C - Performance Work Statement

C.1 Task Order Requirements

During the execution of Task Order 5.1, 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)

The contractor shall complete D&D activities in support of the Naval Reactors Facility (NRF) Submarine 1st Generation Westinghouse (S1W) Reactor Prototype, Aircraft Carrier 1st Generation Westinghouse (A1W), Submarine 5th Generation General Electric (S5G), and the designated support structures under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) non-time critical removal action (NTCRA).

Section D - Packaging and Marking

Section D of the Hybrid Task Order 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 Task Order 5.1 included below is consistent with the clause numbering structure established by the Master IDIQ Contract.

F.3 Period of Performance

(a) The S1W D&D Period of Performance (POP) is anticipated to be October 1, 2023 through November 26, 2025.

(b) The A1W D&D and S5G Planning POP is October 1, 2024 through September 28, 2028.

(c) The S5G D&D Period of Performance (POP) is October 30, 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.

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 5.1. The Contractor shall submit the required deliverables under Task Order 5.1 in accordance with Attachment J-2 *Contract Deliverables* of the Master IDIQ Contract.

Summary:

S1W D&D (Base Award):

Direct Cost: $39,975,444
Indirect Cost: $11,289,065
Pension: $968,393
Fee: $5,996,316*
Total Price: $58,229,219

***S1W D&D fee breakout below:**

IEC Proposed Fee Summary (S1W D&D)	%	Amount
Performance Incentive	**12.00%**	**$ 4,797,053**
Interim/Progress Fee	*6.75%*	*$ 2,700,000*
End State Fee	*5.25%*	*$ 2,097,053*
Cost Incentive	**3.00%**	**$ 1,199,263**
Target Cost (Direct)		*$ 39,975,444*
Target Fee	*1.00%*	*$ 399,754*
Maximum Fee	*3.00%*	*$ 1,199,263*
Minimum Fee	*0.00%*	*$ -*
Total Available Fee	**15.00%**	**$ 5,996,316**

A1W D&D (Base Award):

Direct Cost: $56,867,523
Indirect Cost$17,367,341
Fee: $8,530,128*
Total Price: $82,764,992

***A1W D&D fee breakout below:**

IEC Proposed Fee Summary (A1W D&D)	%	Amount
Performance Incentive	**6.90%**	**$ 3,923,859**
A1W Deactivation		
A1W Demolition		
S5G Source Removal and Loose Items in Basin		
A1W Schedule Incentive	**5.10%**	**$ 2,900,244**
Complete A1W Activities by 9/28/2028		
Cost Incentive	**3.00%**	**$ 1,706,025**
Target Cost (Direct)		$ 56,867,522
Target Fee	1.00%	$ 568,675
Maximum Fee	3.00%	$ 1,706,025
Minimum Fee	0.00%	$ -
Total Available Fee	**15.00%**	**$ 8,530,128**

S5G D&D (Base Award):

Direct Cost: $91,541,451
Indirect Cost: $31,25,484
Fee: $13,731,218
Total Price: $136,598,153

***S5G D&D fee breakout below:**

Fee Strucutre	%	Amount
Cost Incentive	**3.00%**	**$ 2,746,244**
Target Cost		*$ 91,541,451*
Target Fee	*1.00%*	*$ 915,415*
Maximum Fee	*3.00%*	*$ 2,746,244*
Minimum Fee	*0.00%*	*$ -*
Delivery Incentive	**12.00%**	**$ 10,984,974**
S5G Reactor Vessel Disposal at ICDF	*0.75%*	*$ 686,561*
S5G Prototype Dismantlement and Disposal	*5.50%*	*$ 5,034,780*
Installation of the Structural Floor	*0.50%*	*$ 457,707*
Final Completion	*5.25%*	*$ 4,805,926*
Total Fee	**15.00%**	**$ 13,731,218**

IDAHO CLEANUP PROJECT (ICP)

TEN-YEAR PLAN

HYBRID TASK ORDER

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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	$ 1,371,383,830
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 ~~9/28/2028~~	$ 278,054,550 ~~141,456,397~~
502	TBD	Core Car (TO 5.2)	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 - 9/30/2031	$ 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					**$ 2,367,966,709 ~~2,231,368,556~~**

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 ENVIRONMENTAL COALITION

TO 5.1-Naval Reactors Facility Deactivation and Demolition- S5G Project Risk Register

Idaho Cleanup Project Programmatic Risk Register

Updated : 7.16.25

																Cost Impacts			Schedule Impacts (in days)						
Risk ID	Task Order	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	Best Case	Most Likely	Worst Case	Best Case	Most Likely	Worst Case	Justification of Impacts	Mitigation/Enhancement Activities	Mitigation Activities (PII activity that points to your mitigation action)	Response/Recovery Actions
A1W305	TO5.1	D.5.01	IEC/DOE	Burtenshaw, Shawna	Larsen, Eric	NRF D&D: Removal of Large Components by Subcontractor	Removal of large components from areas 1-6 by subcontractor delayed due to building access conflicts, resulting in delays to the demolition for areas 1, 2 and 6 which restricts access to the remainder of the building.	NR/FMP Utility reroutes, or personnel relocations delay turnover and access to A1W.	Open	Threat	Share	Possible	Moderate	2-Low	$ 142,880	$ 285,760	$ 571,520	8	16	24	Access is not available for subcontractor setup for removal of large components can cause delays, which result in the estimated costs.	Propose share with DOE.	N/A	Propose share with DOE.
NRFDD012	TO5.1	D.5.01	IEC	Burtenshaw, Shawna	Larsen, Eric	NRF D&D: 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	3-Moderate	$ 750,000	$ 1,500,000	$ 3,000,000	100	180	204	Cost is based on the SME estimate to perform corrective actions, but dependent on extent of the event. Best Case-incident is minor, with a quick investigation and very few corrective actions. Worse case-prolonged shut-down with extensive recovery actions, corrective actions, training, etc.	N/A	N/A	Take necessary recovery actions to return work to a safe configuration.
NRFDD013	TO5.1	D.5.01	IEC	Burtenshaw, Shawna	Larsen, Eric	NRF D&D: Subcontract Management	Not securing a subcontractor that can perform large item removal in accordance with the schedule can cause schedule delays.	Subcontractor is not readily available to perform work.	Open	Threat	Mitigate	Rare	Moderate	1-Low	$ 1,000,000	$ 2,000,000	$ 3,000,000	5	30	30	It was determined by the project manager (PM) subject matter expert (SME) that best case may delay a week with minimal cost impacts. Most likely may delay work 1 month to rebid contract but minimal cost impacts. Worst case may delay 1 month with a higher bid price from a backup subcontractor.	Secure Backup Crane Subcontractor for large component removal.	NRFSSG-7132RM	Secure Backup Crane Subcontractor for large component removal.
NRFDD014	TO5.1	D.5.01	IEC/DOE	Burtenshaw, Shawna	Larsen, Eric	NRF D&D: S5G Cranes Turnover Weight Restriction	The overhead cranes in S5G are crucial in removing all large items from the basin in S5G. Loss of overhead cranes or inability to increase the load capacity will limit large item removal and negatively impact project schedule and cost.	Upon cranes turnover from Fluor Marine Propulsion (FMP), weight capacity increase is not allowed.	Open	Threat	Share	Rare	Moderate	1-Low	$ -	$ -	$ -	16	20	32	January - September 30th, large item removal will be slower than anticipated. No cost impacts, schedule impacts only.	Propose share with DOE.	N/A	Propose share with DOE.
NRFDD001	TO5.1	D.5.01	IEC/DOE	Burtenshaw, Shawna	Larsen, Eric	NRF D&D: Transfer of Operational Control of NRF-626	It is assumed that Fluor Marine Propulsion (FMP) will transfer operation control of NRF-626 to IEC. If NRF-626 is not transferred when anticipated the project's schedule will be negatively impacted.	A1W transfer of NRF-626 not turned over as scheduled.	Open	Threat	Share	Possible	Minor	2-Low	$ 125,000	$ 175,000	$ 250,000	8	12	16	Cost and Schedule impacts have been estimated based on SME expertise. Most Likely assumes 626 turnover delays crews 2 weeks on the 626 start. Worst case assumes 626 turnover delays crews 3 weeks on the 626 start.	Propose share with DOE.	N/A	Propose share with DOE.
NRFDD003	TO5.1	D.5.01	IEC/DOE	Burtenshaw, Shawna Irene	Larsen, Eric	NRF D&D: Transfer of Operation Control of S5G High Bay	It is assumed that Fluor Marine Propulsion (FMP) will turn over operational control of S5G to IEC. IF FMP and IEC have to share workspace in S5G it may lead to delays due to coordination issues, misaligned workflow, access limitations or conflicting operational guidelines and/or priorities.	Conflicting work guidelines/procedures. Shared airspace. Personnel Nuisances.	Open	Threat	Share	Possible	Serious	3-Moderate	$ 240,000	$ 320,000	$ 480,000	12	16	24	Best case is based on delay of work for 2 crews for 1 day/month and worst case is based on delay for 2 crews 2 days/month due to shut down due to sharing the same workspace.	Propose share with DOE.	N/A	Propose share with DOE.
NRFDD004	TO5.1	D.5.01	IEC/DOE	Burtenshaw, Shawna	Larsen, Eric	NRF D&D: 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 schedule.	Any maintenance, road closures or utility isolations that interfere with project.	Open	Threat	Share	Possible	Moderate	2-Low	$ 240,000	$ 320,000	$ 480,000	12	16	24	Best case is based on delay of work for 2 crews for 1 day /month and worst case is based on delay for 2 crews 2 days/month due to road closures, excavations, PM's or corrective maintenance by FMP that impacts IEC work area.	Propose share with DOE.	N/A	Propose share with DOE.
NRFDD005	TO5.1	D.5.01	IEC/DOE	Burtenshaw, Shawna	Larsen, Eric	NRF D&D: Exclusive Rail Use Delays	Idaho Environmental Coalition (IEC) assumes exclusive use of the rail at the west end of S5G. If the rail is needed by Fluor Marine Propulsion (FMP) for other work, it will impact the work scope and lead to schedule delays.	FMP needs rail system for other work scope.	Open	Threat	Share	Rare	Moderate	1-Low	$ 120,000	$ 320,000	$ 480,000	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 2 crews 2 days/month due a delay in moving rail car system in/out of S5G through gate 6 for waste removal and sizing.	Propose share with DOE.	N/A	Propose share with DOE.
NRFDD006	TO5.1	D.5.01	IEC	Burtenshaw, Shawna	Larsen, Eric	NRF D&D: S5G Reactor Vessel WAC Requirements	The reactor vessel in S5G 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.	Unexpected waste profile not identified by Fluor Marine Propulsion (FMP) discovered while removing reactor vessel from the basin.	Open	Threat	Accept	Rare	Minor	1-Low	$ 120,000	$ 180,000	$ 240,000	8	12	16	Best Case is based on delay for additional approvals 1 month delay. Worst case is waste need to be sent to off-site disposal with additional shipping and disposal costs.	N/A	N/A	Repackage waste and determine new disposal path.
NRFDD007	TO5.1	D.5.01	IEC/DOE	Burtenshaw, Shawna	Larsen, Eric	NRF D&D: S5G Floor Design Delay	If the floor design for S5G or approval of the floor design by Fluor Marine Propulsion (FMP) takes longer than anticipated the schedule will be negatively impacted.	Floor design takes longer than anticipated. FMP takes longer than anticipated to approve floor design.	Open	Threat	Share	Possible	Moderate	2-Low	$ 160,000	$ 480,000	$ 960,000	16	32	64	Best Case is based on delay for 1 month delaying the subcontract award process and may cause subcontractor cost increase. Worst case is 6-month delay with a lag between our work completion and installation of floor increasing the overhead and cost for Level of Effort (LOE) management and engineering support	Propose share with DOE.	N/A	Propose share with DOE.
NRFDD008	TO5.1	D.5.01	IEC/DOE	Burtenshaw, Shawna	Larsen, Eric	NRF D&D: S5G End State Floor Design and Installation	There is a potential that the end state floor design provided by Fluor Marine Propulsion (FMP) will be too complex to align with the allotted schedule duration.	The floor design comes back more complex than anticipated.	Open	Threat	Share	Possible	Minor	3-Moderate	$ 160,000	$ 480,000	$ 960,000	16	32	64	Best Case is based on delay for 1 month delaying the subcontract award process and may cause subcontractor cost increase. Worst case is 6-month delay with a lag between our work completion and installation of floor increasing the overhead and cost for Level of Effort (LOE) management and engineering support or fall-out our contact completion.	Propose share with DOE.	N/A	Propose share with DOE.
S5G300	TO5.1	D.5.01	IEC/DOE	Burtenshaw, Shawna	Larsen, Eric	NRF D&D: Transfer of Operational Control of S5G West End for Waste Removal	It is assumed that operational control of S5G west end roll-up door and crane will allow for waste and equipment removal. If the transfer of operational control is not turned over when expected, it will result in the inability to remove waste from S5G. If waste from S5G cannot be removed the project schedule will be negatively impacted.	West end of S5G not available to support removal of waste and/ or equipment.	Open	Threat	Share	Possible	Minor	2-Low	$ 125,000	$ 175,000	$ 250,000	8	12	16	Cost and Schedule impacts have been estimated based on SME expertise. Best case assumes it takes 2 weeks to schedule crane use at West end for waste loadout. Most likely assumes it takes 3 weeks to schedule crane use at West end for waste loadout. Worst case assumes it takes 1 month to schedule crane use at West end for waste loadout.	Propose share with DOE.	N/A	Propose share with DOE.
S5G301	TO5.1	D.5.01	IEC/DOE	Burtenshaw, Shawna	Larsen, Eric	NRF D&D: NRF-633 Building Modification Approval	Naval Reactors (NR) does not approve the proposed engineering modifications and/or equipment set-up in NRF-633, which are necessary for large equipment removal. Additional sizing and lifting capabilities will be required to remove and load equipment.	Delay in equipment removal due to lifting capability or access requiring sizing.	Open	Threat	Share	Unlikely	Major	3-Moderate	$ 1,000,000	$ 1,250,000	$ 2,000,000	16	20	32	Large items and the prototype will require building modification for large item removal and transport.	Propose share with DOE.	N/A	Propose share with DOE.

SSG302	TOS.1	D.5.01	IEC/DOE	Burtenshaw, Shawna	Larsen, Eric	NRF D&D: Unexpected Waste Properties	Waste removed from the basin in NRF-633 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.	Unexpected waste profile not identified by Fluor Marine Propulsion (FMP) discovered while removing waste from the basin.	Open	Threat	Share	Rare	Minor	1-Low	$ 125,000	$ 250,000	$ 500,000	8	16	32	Cost and Schedule impacts have been estimated based on SME expertise.	Propose share with DOE.	N/A	Propose share with DOE.
TOSA001	TOS.1	D.5.01	IEC	Burtenshaw, Shawna	Larsen, Eric	NRF D&D: Personnel Attrition	Ability to acquire new trained individuals becomes harder, requiring subcontractor support to complete the work. This may incur additional costs & schedule delays.	Attrition realized.	Open	Threat	Accept	Rare	Moderate	1-Low	$ 37,500	$ 225,000	$ 337,500	5	30	30	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 personnel. Worst case is that it may take 6 months to recruit and train new personnel.	N/A	N/A	Hire and/or train new employees.
TOSA004	TOS.1	D.5.01	IEC	Burtenshaw, Shawna	Larsen, Eric	NRF D&D: 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	$ 562,500	$ 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/ radiation exposure.	N/A	N/A	Take necessary radiological controls to get work back to safe work configuration. Perform decontamination of exposed personnel, equipment and work areas. Necessary protocols to respond to unplanned radiation exposure.
TOSA007	TOS.1	D.5.01	IEC	Burtenshaw, Shawna	Larsen, Eric	NRF D&D: Offsite Shipment of Haz Waste for Disposal	No Treatment, Storage, and Disposal Facility (TSDF) available for offsite treatment of "hazardous" waste generated during deactivation or characterization.	Unexpected hazardous waste is found during deactivation or characterization.	Open	Threat	Accept	Rare	Moderate	1-Low	$ 142,452	$ 284,904	$ 569,808	16	32	64	S1W Reactor Vessel is no risk as it has been characterized and approve to go to ICDF. Most Likely assumes the S5G reactor vessel requires offsite disposal and would increase the disposal costs. Worst Case is A1W Reactor Vessels (2) which have not been characterized. Assumes they required offsite disposal significantly increasing the disposal cost and duration due to planning and approvals.	N/A	N/A	Work with subcontracting, waste services, Naval Reactors and DOE to secure offsite disposal.
TOSA010	TOS.1	D.5.01	IEC	Burtenshaw, Shawna Irene	Larsen, Eric	NRF D&D: Rad Characterization of RVs Determines Class C Disposal Required	If Reactor Pressure Vessels (RVs) is determined as Class C then that would require offsite disposal.	Reactor Pressure Vessels is determined to be Class C.	Open	Threat	Accept	Rare	Serious	2-Low	$ 428,640	$ 857,280	$ 1,714,560	12	24	48	S1W Reactor Vessel is no risk as it has been characterized and approve to go to ICDF. Most Likely assumes the S5G reactor vessel requires offsite disposal and would increase the disposal costs. Worst Case is A1W Reactor Vessels (2) which have not been characterized. Assumes they required offsite disposal significantly increasing the disposal cost and duration due to planning and approvals.	N/A	N/A	Work with subcontracting, waste services, Naval Reactors and DOE to secure offsite disposal.

TO 5.1-Naval Reactors Facility Deactivation and Demolition- S5G Risk Register: Proposed DOE Transfer Risks

Idaho Cleanup Project Programmatic Risk Register

Updated : 7.16.25

														Cost Impacts			Schedule Impacts (in days)				
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	Best Case	Most Likely	Worst Case	Best Case	Most Likely	Worst Case	Basis of Impacts	Mitigation/Enhancement Activities
A1W305	D.5.01	IEC/DOE	Burtenshaw, Shawna	Larsen, Eric	NRF D&D: Removal of Large Components by Subcontractor	Removal of large components from areas 1-6 by subcontractor delayed due to building access conflicts, resulting in delays to the demolition for areas 1, 2 and 6 which restricts access to the remainder of the building.	NR/FMP Utility reroutes, or personnel relocations delay turnover and access to A1W.	Open	Threat	Share	Possible	Moderate	2-Low	$ 142,880	$ 285,760	$ 571,520	8	16	24	Access is not available for subcontractor setup for removal of large components can cause delays, which result in the estimated costs.	Propose share with DOE.
A1W306	D.5.01	DOE	Burtenshaw, Shawna	Larsen, Eric	NRF D&D: A1W Large Components to Onsite Waste Disposal	Idaho CERCLA Disposal Facility (ICDF) existing cells (1 and 2) space is unable to accept A1W Reactor Vessels for disposal and cell 3 will not be operational to support the schedule.	ICDF does not have the capacity to accept the A1W reactor Vessels, Waste may need to be staged and disposed of at a later date.	Open	Threat	Transfer	Possible	Serious	3-Moderate	$ 569,808	$ 900,000	$ 2,279,232	8	16	24	ICDF cannot accept additional packaging may be required to stage waste and dispose of at a later date. This may take extra resources and 16-day delay.	Propose transfer to DOE.
NRFDD014	D.5.01	IEC/DOE	Burtenshaw, Shawna	Larsen, Eric	NRF D&D: S5G Cranes Turnover Weight Restriction	The overhead cranes in S5G are crucial in removing all large items from the basin in S5G. Loss of overhead cranes or inability to increase the load capacity will limit large item removal and negatively impact project schedule and cost.	Upon cranes turnover from Fluor Marine Propulsion (FMP), weight capacity increase is not allowed.	Open	Threat	Share	Rare	Moderate	1-Low	$ -	$ -	$ -	16	20	32	January - September 30th, large item removal will be slower than anticipated. No cost impacts, schedule impacts only.	Propose share with DOE.
NRFDD301	D.5.01	IEC/DOE	Burtenshaw, Shawna	Larsen, Eric	NRF D&D: Transfer of Operational Control of NRF-626	It is assumed that Fluor Marine Propulsion (FMP) will transfer operation control of NRF-626 to IEC. If NRF-626 is not transferred when anticipated the project's schedule will be negatively impacted.	A1W transfer of 626 not turned over as scheduled.	Open	Threat	Share	Possible	Minor	2-Low	$ 125,000	$ 175,000	$ 250,000	8	12	16	Cost and Schedule impacts have been estimated based on SME expertise. Most Likely assumes 626 turnover delays crews 2 weeks on the 626 start. Worst case assumes 626 turnover delays crews 3 weeks on the 626 start.	Propose share with DOE.
NRFDD302	D.5.01	DOE	Burtenshaw, Shawna	Larsen, Eric	NRF D&D: S5G Large Components to Onsite Waste Disposal	Idaho CERCLA Disposal Facility (ICDF) existing cells (1 and 2) space is unable to accept the S5G Reactor Vessel for disposal and cell 3 will not be operational to support the schedule.	ICDF does not have the capacity to accept the S5G reactor Vessel, Waste may need to be staged and disposed of at a later date.	Open	Threat	Transfer	Possible	Serious	3-Moderate	$ 569,808	$ 900,000	$ 2,279,232	8	16	24	ICDF cannot accept additional packaging may be required to stage waste and dispose of at a later date. This may take extra resources and 16-day delay.	Propose transfer to DOE.
NRFDD303	D.5.01	IEC/DOE	Burtenshaw, Shawna	Larsen, Eric	NRF D&D: Transfer of Operation Control of S5G High Bay	It is assumed that Fluor Marine Propulsion (FMP) will turn over operational control of S5G to IEC. IF FMP and IEC have to share workspace in S5G it may lead to delays due to coordination issues, misaligned workflow, access limitations or conflicting operational guidelines and/or priorities.	Conflicting work guidelines/procedures. Shared airspace. Personnel Nuisances.	Open	Threat	Share	Possible	Serious	3-Moderate	$ 240,000	$ 320,000	$ 480,000	12	16	24	Best case is based on delay of work for 2 crews for 1 day/month and worst case is based on delay for 2 crews 2 days/month due to shut down due to sharing the same workspace.	Propose share with DOE.
NRFDD304	D.5.01	IEC/DOE	Burtenshaw, Shawna	Larsen, Eric	NRF D&D: 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 schedule.	Any maintenance, road closures or utility isolations that interfere with project.	Open	Threat	Share	Possible	Moderate	2-Low	$ 240,000	$ 320,000	$ 480,000	12	16	24	Best case is based on delay of work for 2 crews for 1 day /month and worst case is based on delay for 2 crews 2 days/month due to road closures, excavations, PM's or corrective maintenance by FMP that impacts IEC work area.	Propose share with DOE.
NRFDD305	D.5.01	IEC/DOE	Burtenshaw, Shawna	Larsen, Eric	NRF D&D: Exclusive Rail Use Delays	Idaho Environmental Coalition (IEC) assumes exclusive use of the rail at the west end of S5G. If the rail is needed by Fluor Marine Propulsion (FMP) for other work, it will impact the work scope and lead to schedule delays.	FMP needs rail system for other work scope.	Open	Threat	Share	Rare	Moderate	1-Low	$ 120,000	$ 320,000	$ 480,000	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 2 crews 2 days/month due a delay in moving rail car system in/out of S5G through gate 6 for waste removal and sizing.	Propose share with DOE.
NRFDD307	D.5.01	IEC/DOE	Burtenshaw, Shawna	Larsen, Eric	NRF D&D: S5G Floor Design Delay	If the floor design for S5G or approval of the floor design by Fluor Marine Propulsion (FMP) takes longer than anticipated the schedule will be negatively impacted.	Floor design takes longer than anticipated. FMP takes longer than anticipated to approve floor design.	Open	Threat	Share	Possible	Moderate	2-Low	$ 160,000	$ 480,000	$ 960,000	16	32	64	Best Case is based on delay for 1 month delaying the subcontract award process and may cause subcontractor cost increase. Worst case is 6-month delay with a lag between our work completion and installation of floor increasing the overhead and cost for Level of Effort (LOE) management and engineering support	Propose share with DOE.
NRFDD308	D.5.01	IEC/DOE	Burtenshaw, Shawna	Larsen, Eric	NRF D&D: S5G End State Floor Design and Installation	There is a potential that the end state floor design provided by Fluor Marine Propulsion (FMP) will be too complex to align with the allotted schedule duration.	The floor design comes back more complex than anticipated.	Open	Threat	Share	Possible	Minor	3-Moderate	$ 160,000	$ 480,000	$ 960,000	16	32	64	Best Case is based on delay for 1 month delaying the subcontract award process and may cause subcontractor cost increase. Worst case is 6-month delay with a lag between our work completion and installation of floor increasing the overhead and cost for Level of Effort (LOE) management and engineering support or fall out our contact completion.	Propose share with DOE.
S1W002R2	D.5.01	DOE	Burtenshaw, Shawna	Larsen, Eric	NRF D&D: 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	$ 150,000	$ 300,000	$ 960,000	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 the impacts other activities with substantial cost increase.	Propose transfer to DOE.
S5G300	D.5.01	IEC/DOE	Burtenshaw, Shawna	Larsen, Eric	NRF D&D: Transfer of Operational Control of S5G West End for Waste Removal	It is assumed that operational control of S5G west end roll-up door and crane will allow for waste and equipment removal. If the transfer of operational control is not turned over when expected, it will result in the inability to remove waste from S5G. If waste from S5G cannot be removed the project schedule will be negatively impacted.	West end of S5G not available to support removal of waste and/ or equipment.	Open	Threat	Share	Possible	Minor	2-Low	$ 125,000	$ 175,000	$ 250,000	8	12	16	Cost and Schedule impacts have been estimated based on SME expertise. Best case assumes it takes 2 weeks to schedule crane use at West end for waste loadout. Most likely assumes it takes 3 weeks to schedule crane use at West end for waste loadout. Worst case assumes it takes 1 month to schedule crane use at West end for waste loadout.	Propose share with DOE.

SSG301	D.5.01	IEC/DOE	Burtenshaw, Shawna	Larsen, Eric	NRF D&D: NRF-633 Building Modification Approval	Naval Reactors (NR) does not approve the proposed engineering modifications and/or equipment set-up in NRF-633, which are necessary for large equipment removal. Additional sizing and lifting capabilities will be required to remove and load equipment.	Delay in equipment removal due to lifting capability or access requiring sizing.	Open	Threat	Share	Unlikely	Major	3-Moderate	$ 1,000,000	$ 1,250,000	$ 2,000,000	16	20	32	Large items and the prototype will require building modification for large item removal and transport.	Propose share with DOE.
SSG302	D.5.01	IEC/DOE	Burtenshaw, Shawna	Larsen, Eric	NRF D&D: Unexpected Waste Properties	Waste removed from the basin in NRF-633 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.	Unexpected waste profile not identified by Fluor Marine Propulsion (FMP) discovered while removing waste from the basin.	Open	Threat	Share	Rare	Minor	1-Low	$ 125,000	$ 250,000	$ 500,000	8	16	32	Cost and Schedule impacts have been estimated based on SME expertise.	Propose share with DOE.