AMENDMENT OF SOLICITATION/MODIFIC	ATION OF CO	ONTRACT	1. CONTRACT ID CODE	PAGE	OF PAGES						
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE	DATE 4	REQUISITION/PURCHASE REQ. NO.	5. PROJECT N	NO. (If applicable)						
P00111 See Block 16C		ck 16C									
6. ISSUED BY CODE	893042		7. ADMINISTERED BY (If other than Item 6) CODE 00701								
EM-Idaho		1	U.S. Department of Energy								
Department of Energy			Idaho Operations Office								
Office of Environmental Mana	agement		1955 Fremont Avenue								
Idaho Cleanup Project			Idaho Falls ID 83415								
1955 Fremont Avenue											
Idaho Falls ID 83415											
8. NAME AND ADDRESS OF CONTRACTOR (No., stree	t, county, State and	ZIP Code)	9A. AMENDMENT OF SOLICITATION NO.								
IDAHO ENVIRONMENTAL COALITIO	N LLC										
Attn: Laura McGee			9B. DATED (SEE ITEM 11)								
600 William Northern Blvd											
Tullahoma TN 373884729		-	10A MODIFICATION OF CONTRACT/ORDER N	NO							
		>	10A. MODIFICATION OF CONTRACT/ORDER N 89303321DEM000061	10.							
			89304223FEM400000								
			10B. DATED (SEE ITEM 13)								
CODE LQ5ZLNE3EM27	FACILITY COD	E	09/08/2023								
	11. THIS ITE	M ONLY APPLIES TO AM	ENDMENTS OF SOLICITATIONS								
Items 8 and 15, and returning coseparate letter or electronic communication which inc RECEIVED AT THE PLACE DESIGNATED FOR THE OFFER. If by virtue of this amendment you desire to each letter or electronic communication makes refere 12. ACCOUNTING AND APPROPRIATION DATA (If required)	ludes a reference RECEIPT OF O change an offer a nce to the solicita	to the solicitation and am FFERS PRIOR TO THE H already submitted , such ch	OUR AND DATE SPECIFIED MAY RESULT IN REJ nange may be made by letter or electronic communi	/LEDGEMENT TO JECTION OF YOU ication, provided) BE						
13. THIS ITEM ONLY APPLIES TO N	IODIFICATION O	F CONTRACTS/ORDERS	IT MODIFIES THE CONTRACT/ORDER NO. AS DE	ESCRIBED IN ITF	 EM 14.						
			HANGES SET FORTH IN ITEM 14 ARE MADE IN THE ADMINISTRATIVE CHANGES (such as changes DRITY OF FAR 43.103(b).								
C. THIS SUPPLEMENTAL AGREEMEN	IT IS ENTERED I	NTO PURSUANT TO AUT	HORITY OF:								
X Section H.51 - Task	Ordering	Procedure an	d Section B.9 - Basis for	Change							
D. OTHER (Specify type of modification	and authority)										
E. IMPORTANT: Contractor is not	x is required t	o sign this document and r	eturn1 copies to the issuir	ng office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION	(Organized by U	CF section headings, inclu	ding solicitation/contract subject matter where feasi	ible.)							
UEI: LQ5ZLNE3EM27											
The purpose of this modifica	tion is	to issue the	award of Task Order 7.2 (1	10 7.2) -							
Integrated Waste Treatment U	nit (IWT	U) Operations	under CLIN 00702, subtas	₹ 0702.	This						
award definitizes a previous	ly issue	d unilateral	change order (Modificatior	n P00107,	dated						
September 25, 2025). TO 7.2	succeed	s TO 7.1, whi	ch ended September 30, 202	25. The							
Contractor was authorized to	begin w	ork under TO	7.2 starting October 1, 20)25 and e	nding						
September 30, 2028. See CLIN	00702 be	elow for furt	her details.								
In addition, this modificati Year Plan (attached).	on update	es the Idaho	Cleanup Project (ICP) Hybr	rid Task	Order 10						
Continued											
Except as provided herein, all terms and conditions of the	ne document refe	renced in Item 9 A or 10A,	as heretofore changed, remains unchanged and in	full force and effe	ect.						
15A. NAME AND TITLE OF SIGNER (Type or print)			16A. NAME AND TITLE OF CONTRACTING OFF	ICER (Type or pri	nt)						
KIMBERLI SOUTHWICK Digita	ally signed by	KIMBERLI	Aaron Nebeker								
	HWICK (Affili	de DATE SIGNED	16B. UNITED STATES OF AMERICA		16C. DATE SIGNED						
15B. (ATTILIATE) Date:	2025.10.14 1	4:17:55 -06'00'	AARON NEBEKER Digitally signed by AARON Date: 2025.10.14 14:43:14	I							
(Signature of person authorized to sign)			(Signature of Contracting Officer)		10/14/2025						

CONTINUATION SHEET REFERENCE NO. OF DOCUMENT BEING CONTINUED
89303321DEM000061/89304223FEM400000/P00111

NAME OF OFFEROR OR CONTRACTOR

IDAHO ENVIRONMENTAL COALITION LLC

ITEM NO.	SUPPLIES/SERVICES	QUANTITY	1	UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(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 00702 to read as follows(amount shown is the total amount):				
00702	CLIN 07 SUBTASK 0702 IWTU OPERATIONS (TASK ORDER 7.2)				391,807,712.0
	Line item value is: \$391,807,712.00 Incrementally Funded Amount: \$8,700,818.91				
	This is a Cost-Plus-Incentive-Fee (CPIF) type Task Order with a total value of \$391,807,712, broken down as follows:				
	\$264,342,000 - Direct costs \$90,457,832 - Program Overhead (POH) \$37,007,880 - Max Incentive Fee (14% of direct costs)				
	\$391,807,712 - Total Price				
	POH fee will be managed under TO 3.2, Integration and Mission Continuity. For more details on fee structure and payment terms, please refer to the attached TO 7.2.				
	The scope of work for this TO is to continue the radiological operations of the IWTU facility. Further details of the scope of work can be found in the attached TO 7.2 document.				
	Attachments: 1. SF 30 Signed 2. TO 7.2 IWTU Operations 3. TO 7.2 Risk Register 4. Hybrid Task Order 10 Year Plan_P00111_Redline				
	CONTRACTOR'S STATEMENT OF RELEASE: In consideration of the modification agreed to herein as a complete equitable adjustment for the TO 7.2 scope of work identified in this contract action, and in accordance with contract Section H.51 Task Order Procedures, the Contractor hereby Continued				

PAGE

2

OF

3

 CONTINUATION SHEET
 REFERENCE NO. OF DOCUMENT BEING CONTINUED
 PAGE
 OF

 89303321DEM000061/89304223FEM400000/P00111
 3
 3

NAME OF OFFEROR OR CONTRACTOR

IDAHO ENVIRONMENTAL COALITION LLC

M NO.	SUPPLIES/SERVICES		QUANTITY UNIT UNIT PRICE AM					
A)	(B)	(C)	(D)	(E)	(F)			
	releases the Government from any and all	+ -	-+					
	liability under this contract for further							
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	equitable adjustments attributable to such facts	1 1						
	or circumstances giving rise to the proposal for	1 1						
	adjustment.	1 1						
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Task Order 7.2, Subtask 0702 – Integrated Waste Treatment Unit (IWTU) Operations (CLIN 00702)

IDAHO CLEANUP PROJECT (ICP)
CONTRACT NO. 89303321DEM000061, CID: 89304223FEM400000, MODIFICATION P00111 SUBTASK 0702 - IWTU OPERATIONS

Table of Contents

Section B - Supplies or Services and Prices/Costs	1
Section C - Performance Work Statement	4
Section D - Packaging and Marking	5
Section E - Inspection and Acceptance	5
Section F - Deliveries or Performance	5
Section G - Contract Administration Data	5
Section H - Special Contract Requirements	5
Section I - Contract Clauses	5
Section J - List of Documents, Exhibits, and Other Attachments	6

SUBTASK 0702 - IWTU OPERATIONS

Section B - Supplies or Services and Prices/Costs

This Subtask (herein referred to as Task Order 7.2) 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)	07	CLIN 07
Subtask	702	Task Order 7.2

This subtask shall be performed under Contract Line Item Number (CLIN) 00702 of the Idaho Cleanup Project (ICP) Contract. Section B 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 IDIO Contract.

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

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

B.2 Type of Contract

- DOE-B-2003 Cost-Plus-Incentive-Fee Task Order: Total Estimated Cost and Incentive Fee (Oct (a) 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 target cost, target fee, maximum and minimum fees, and the target fee increase and decrease ratios for this Task Order are:

i. Cost Incentive (7%):

Target Cost: \$264,342,000

Target Fee (6%): \$15,860,520

Maximum Fee (7%): \$18,503,940

Minimum Fee (5%): \$13,217,100

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.

ii. Performance Incentive (7%):

a. Site Treatment Plan (STP) Milestones (3%): \$7,930,260

CONTRACT NO. 89303321DEM000061, CID: 89304223FEM400000, MODIFICATION P00111 SUBTASK 0702 - IWTU OPERATIONS

IEC shall process the SBW in accordance with the Site Treatment Plan. This includes processing an average of 15% of the overall waste over a three-year rolling period.

b. Tanks 187 and 189 "Cease Use" (4%): \$10,573,680

To ensure that IWTU is operated in the most efficient manner possible to achieve DOE's overall goal of reaching "cease use" for both tanks WM-187 and WM-189, performance fee is structured such that tanks can be processed in any order necessary. 2% fee is available for each tank, for a total of 4%.

Note: Throughout this document, the term "cease use" means "emptying the tanks down to their heels, i.e, the liquid level remaining in each tank will be lowered to the greatest extent possible by the use of existing transfer equipment."

(2) The total estimated direct cost, incentive fees available, and indirect costs are as follows (Table B-2):

Table B.2- TO 7.2 Summary								
Total Estimated Direct Cost:	\$	264,342,000						
Cost Incentive Fee Max:	\$	18,503,940						
Performance Management Incentive (PMI) Fee		TBD*						
Performance Incentive Fee Max	\$	18,503,940						
Total (Direct Cost + Max Fee):	\$	301,349,880						
Indirect Costs – POH (34.22%)	\$	90,457,832						
Total TO Value	\$	391,807,712						

^{*} PMI will be available among all active TO's, however, the entire PMI fee available is managed under TO-3.2.

(3) Payment of fee:

- i. 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.
- ii. Cost incentive fee under Task Order 7.2 will be invoiced and paid quarterly. To determine the amount of cost incentive fee, the target fee will be divided by the total number of quarters (12 quarters from FY 2026 through FY 2028). 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 Task Order 7.2.
- iii. Performance incentive fee for the STP milestone:

^{**} 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. In accordance with the Advance Agreement Indirect Cost Methodology, Attachment J-17.1, the Parties agree that any fee associated with POH will be captured in Task Order 3.2, IMC, for TO-7.2 period of performance.

^{***}Minor errors due to rounding.

CONTRACT NO. 89303321DEM000061, CID: 89304223FEM400000, MODIFICATION P00111 SUBTASK 0702 - IWTU OPERATIONS

When IEC meets, or is on track to meet, the STP Milestone, including processing an average of 15% of the overall waste over a three-year rolling period, fee is paid as follows:

- a. A provisional fee will be paid quarterly, equaling one quarter of the available fee for that year.
- b. 1% fee will be available each fiscal year for a possible total of 3% over three years.
- c. The provisional fee becomes earned at the end of each fiscal year if the STP milestone is achieved.
- d. Once the STP fee is earned at the end of the fiscal year, it cannot be clawed back.

When IEC does not meet, or is not on track to meet, the STP Milestone, including processing an average of 15% of the overall waste over a three-year rolling period:

- a. The quarterly provisional fee will be withheld.
- b. If the STP milestone is not met by the end of the fiscal year, the annual fee will not be earned in that fiscal year.
- c. Any quarterly provisional fees already paid must be returned if the milestone is not achieved in that fiscal year.
- d. If the STP milestone is reached in subsequent fiscal years such that the 3-year rolling average STP milestone is achieved, fee missed in prior years may be recovered.
- iv. Performance incentive fee for tanks 187 and 189:

a. Maximum Fee Within PoP:

Maximum fee available if "cease use" for both tanks 187 and 189 is achieved by September 30, 2028. Fee is available on a per tank basis as described below:

- 2% for tank WM-187, if "cease use" is achieved by September 30, 2028.
- 2% for tank WM-189, if "cease use" is achieved by September 30, 2028.

Tank 187 may be subject to renegotiation if "cease use" cannot be achieved using permanently installed equipment.

b. Partial Fee:

Fee is structured to provide credit for processing tank waste and reducing the overall volume in storage. However, fee is weighted to encourage processing waste to achieve "cease use" in each tank. Therefore, partial fee will be available for each tank as follows.

Tank WM-187:

- Remaining volume is determined based upon the WM-187 tank volume recorded on October 1, 2025.
- 30% of the maximum fee for WM-187 will be earned when tank volume is reduced by 50%.

- An additional 20% of the maximum fee for WM-187 will be earned when tank volume is reduced by 75%.
- The remaining 50% of the maximum fee for WM-187 will be earned when "cease use" is achieved for WM-187.

Tank WM-189:

- Remaining volume is determined based upon the WM-189 tank volume recorded on October 1, 2025.
- 30% of the maximum fee for WM-189 will be earned when tank volume is reduced by 50%.
- An additional 20% of the maximum fee for WM-189 will be earned when tank volume is reduced by 75%.
- The remaining 50% of the maximum fee for WM-189 will be earned when "cease use" is achieved for WM-189.

c. Minimum Fee Within PoP:

If volume on either tank is not reduced by 50% by the milestone date of September 30, 2028, zero fee will be earned for that tank.

For both tank 187 and 189, tank volume reduction and volume treated will be calculated in the same manner as STP milestone compliance is calculated.

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 7.2, the Contractor shall perform portion of the scope defined in the following PWS section of the Master IDIQ Contract, identified below:

• C.6.1 – Integrated Waste Treatment Unit (IWTU) Operations

Under this TO, the contractor shall:

- Continue to operate and maintain the IWTU facility until treatment (including supernate and rinsate) is complete on all sodium-bearing waste (SBW) in the four remaining in service Idaho Nuclear Technology and Engineering Center (INTEC) tanks: WM-187, WM-188, WM-189, and M-190. Approximately 570,000 gal of the initial estimated 900,000 gal remains to be processed, with the majority of the remaining material in tanks WM-187 and WM-189. Tank WM-188 is at loss of suction due to a recent transfer of its contents to WM-189. The granular solid waste

CONTRACT NO. 89303321DEM000061, CID: 89304223FEM400000, MODIFICATION P00111 SUBTASK 0702 - IWTU OPERATIONS

- product remaining after the SBW is processed will be containerized and placed in the IWTU product storage buildings.
- Procure sufficient new canisters (TPRLCs) for waste storage from the IWTU process.
- Procure precast lids, precast bases, formed rebar, embedment, racks and construct sufficient IWTU storage vaults.

Exclusions:

- The scope of work does not include Product Storage Building III (PSB III).

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 Master IDIQ Contract is incorporated by reference.

Section F - Deliveries or Performance

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

F.3 Period of Performance

(b) The overall Period of Performance (POP) of this subtask is anticipated to be October 1, 2025 through September 30, 2028.

Section G - Contract Administration Data

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

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.

CONTRACT NO. 89303321DEM000061, CID: 89304223FEM400000, MODIFICATION P00111 SUBTASK 0702 - IWTU OPERATIONS

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

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



Task Order 7.2 Integrated Waste Treatment Unit Operations Risk Register

Idaho Cleanup Project Programmatic Risk Register Updated : 4.2.25 Cost Impacts Schedule Impacts (in days) Responsible Organization IEC Basis of Impacts

Best Case: 12 days x 10 hrs/day x 12 people x \$93/hr = \$133,920

Most Likely: 24 days x 10 hrs/day x 12 people x \$93/hr = \$267,840

Worst Case: 36 days x 10 hrs/day x 12 people x \$93/hr = \$401,760 Nahay, Jordan Neville, Trent Best Case: 6 days x 12 hrs/day x 17 people x \$265/hr = \$324,360 Most Likely: 12 days x 12 hrs/day x 17 people x \$265/hr = \$648,720 Worst Case: 24 days x 24 hrs/day x 17 people x \$265/hr = \$2,594,880 D.3.06.7A.06 The Granulated Activated Carbon (GAC) replacement will extend the current GAC outage schedule due to equipment design, procurement, and installation requirements during the TUGAC7220 D 3 06 7C 03 Enie Meech Neville Trent onstruction work force. D3.06.7C.02 Nowak, Joel Neville, Trent Best Case: \$247,200 for equipment Most Likely: \$350,000 for equipment Worst Case: \$853,200 for equipment Neville, Trent Unable to Release Vendor Supplied Equ D3.06.7A Nahay Jordan Possible Minor lew canisters do not pass Quality Assurance (QA) inspections and must be Neville, Trent BEA Support Services Insufficient quality of work product or timeliness of completion of BEA deliverabl impacts project schedule. D.3.06 IEC/DOE EC relies on BEA for support services on Milestones, regulatory commitments, and scope ompletion. If the work from BEA is delayed, or does not meet the requirements, it can causi project schedule impact. Best Case: 30 days x 12 hrs/day x 6 people x \$93/hr = \$200,880 Most Likely: 60 days x 12 hrs/day x 6 people x \$93/hr = \$401,760 Worst Case: 120 days x 12hrs/day x 6 people x \$93/hr = \$803,520 Nahay, Jordan Neville, Trent D 3 06 7A 07 Pilot Plant Driven Plant Modification \$200,800 \$401.760 \$803.520 WTUOPS7L28 Inventory is reduced at a faster pace than previously anticipated or IWTU is forecasted to operate for a longer period of time due to Neville, Trent Nahav. Jordan Rough subcontracted costs for the process of sourcing, testing and validating an adequate source of calcined coal. Worst case contains the costs of a Hazen Pilot Plant Run to verify. Neville Trent Nahay, Jordan Critical D.3.06 Nahav, Jordan Neville Trent /TUOPS7L27 /TUOPS7L28 Frye, Meesha Neville Trent Critical D.3.06.7C Possible Critical st Likely: 17 vaults x \$600,000/vault = \$ 10,200,000 rst Case: 37 vaults x \$600,000/vault = \$ 22,200,000 D.3.06 \$8,000,000 \$28,000,000 Several of the IN/TU operating parameters have permitted limits that they must remain within. If IN/TU operates long enough or experiences off normal scenarios then some of these limits may invoke butting down the process. This impact would constrict the window of operating for the IN/TU requiring a higher maintained feet are to achieve STP processing goals. For having to reach the milestone in 90 days, we would only have to maintain a feed rate of 1.0 gpm, this would be the best case. For most likely we would have 75 days to reach the milestone which correlates to maintaining a feed rate of 1.2 gpm, for worst case we would have 97 selects continuously at the highest processing rate we can maintain for 60 days to reach the milestone. Neville Trent TUOPS7L28 Neville, Trent Additional GAC Red Rents Best Case: No Additional GAC Changeout
Most Likely Case: 1 Additional GAC Changeout (\$4.2M)
Worst Case: 2 Additional GAC Changeouts (\$8.4M)
Based on previous DCES budgeted costs for GAC Replacements. Nahav, Jordan WTUGAC7320RM WTUGAC7330RM WTUGAC7350RM WTUGAC7360RM WTUGAC7340RM WTUGAC7345RM WTUGAC7370RM WTUGAC7410RM WTUGAC7410RM WTUGAC7420RM WTUGAC7430RM WTUGAC7450RM WTUGAC7460RM WTUGAC7440RM Best Case: 1 FTE Subcontractor consult for 120 hrs x \$120/hr for a cost of \$14,400.

Most Likely Case: 3 FTE Subcontractor consult for 240 hrs x \$120/hr for a cost of \$86,400.

Worst Case: 6 FTE Subcontractor consult for 240 hrs x \$120/hr for a cost of \$172,800. If IWTU operations are shutdown longer than 1 year, a readiness assessment will be required before operations can resume. This will result in the need for additional resources, changes to work control and additional training. Apply additional outside oversight to ensure all parties involved are following process steps and expectations. D.3.06

	333 D.3		IEC			Unforeseen Radiological Incident and/or Loss of Contamination Control Processing Solids Collected from SBW tanks	decontamination and extended shutdown/recovery actions.	SBW.			cept Unlikely	Moderate Critical	2-Low	\$160,704	\$321,408	\$482,112		24	36 Best Case: 12 days x 12 hrs/day x 12 people x 593/hr = 5150,704 Most Likely, 24 days x 12 hrs/day x 12 people x 593/hr = 5160,704 Most Likely, 24 days x 12 hrs/day x 12 people x 593/hr = 5821,408 WTUDF57.25 WTUDF57.28 Additional resources needed to perform decontamination efforts.
IW	335 0.3	Jo	iec					Solids pulg of indized and continue to process SBW. Significant issues processing solids.	Open	Inreat Ad	rept Possible	Critical	4-riign	5204,441	5406,682	5817,764	180	150	Sol. Additional set of veet volcates, since to be plantinesed. In 25 costs for sect of WILDS7125
IW	336 D.3	06	IEC			Process Gas Filters Requires Replacement	The selected replacement Process Gas Filter (PGF) elements and associated PGF modifications do not last as long as originally anticipated, requiring plant modifications and/or alternative filter media.	Filters degrade or do not perform as designed.	Open	Threat Ac	pept Possible	Critical	4-High	\$1,500,000	\$3,000,000	\$4,500,000	90	180	270 Best Case: 1 Additional PGF Filter Changeout, \$1,500,000. N/A N/A Performed extensive testing at Hazen Pilor Pint and Worst Clase: 3 Additional PGF Filter Changeouts, \$4,500,000. PGF Officer Changeouts, \$4,
IW	D.3.06.	7A.07	IEC			Significant Repairs To Hazen Pilot Plant	Aged equipment needs replaced in order to run or significant modifications needed to support pilot plant test.	Failure of Equipment:	Open	Threat Ac	cept Unlikely	Moderate	2-Low	\$25,000	\$125,000	\$250,000	15	30	60 Best Case: Small component such as trasmitters, thermocouples, etc. need replacing. Most Likely Case: Medium components such as valves, pumps, etc. need replacing. Wrott Case: Major components such as control system, vessels, need replacing.
IW	338 D.3.06.	7A.07	IEC			Additional Hazen Runs are Needed	IWTU plans and performs additional Hazen Runs. If additional Hazen runs are needed it will have cost and schedule impacts.	Unplanned Hazen run is needed.	Open	Threat Mit	igate Possible	Major	4-High	\$0.00	\$2,313,649	\$6,940,948	0	60	180 Best Case: No Additional Hazen Runs are needed. Mort Likely Case: No Additional Hazen Runs are needed. Worst Case: 3 Additional Hazen Runs in needed. Worst Case: 3 Additional Hazen Runs are needed. Perior additional Hazen Runs. WTUNEXT250RM WTUNEXT250RM WTUNEXT250RM WTUNEXT250RM WTUNEXT250RM WTUNEXT250RM WTUNEXT250RM WTUNEXT250RM WTUNEXT250RM
IW	339 D.3.06.	7A.07	IEC	Nahay, Jordan	Neville, Trent	Additional Offsite Support	Offsite support is needed from Dominion and or Particulate Solids Research Institute (PSRI) or other.	Offsite analytical support or research is required.	Open	Threat Ac	rept Possible	Serious	3-Moderate	\$0.00	\$49,898	\$249,490	0	60	180 Best Case: No Additional Analytical Support is Needed to Mot Likely Case: Fering support similar to the ceramic fuse testing is required. Worst Case Scenario: Significant Analytical Support is needed to evaluate plant issue. (ss) P72s actuals for ceramic fuse testing prior to pilot plant run were \$49,898.



Attachment 2

Task Order 7.2 Integrated Waste Treatment Unit Operations: Proposed DOE Transfer Risks

daho Cleanup Project Programmatic Risk Register

Schedule Impacts (in days) Risk Event IEC POC DOE FPD Risk Title Most Likely2 Worst Case2 D.3.06 f funding is not approved for converting IWTU Off Gas Cooling to raw water, a leak may be very of a leak in the Potable 5.100.000 If funding is not approved then the risk of forcing IWTU to found in the Potable Water system requiring an outage during IWTU Operation and will result shutdown due to a Potable Water outage remains. Two potable water outages per year, each lasting 3 days. Therefore, two in a unplanned shutdown until repaired. shutdowns and startups of IWTU required per year which would last 1 week each for a total of 2 weeks. IWTU cost is \$1.7M per week * 2 weeks = \$3.4M. Failure during operation results in a moderate to significant plant modification that is unplanned and will require resources/materials well outside of budget D.3.06 DOE Forced Shutdown of IWTU Leads to Major No significant modifications to IWTU are being forecasted, if a Open Unlikely modification of this level is required due to a failure while Significant Unplanned Plant Modification operating this could require Design Engineering resources that have not been budgeted and installation resources that will be performed under radiological conditions which increase the IEC relies on BEA for support services on Milestones, regulatory commitments, and scope completion. If the work from BEA is delayed, or does not meet the requirements, it can cause a project schedule impact.

Insufficient quality of work product or timeliness of completion of BEA deliverables impacts project. Best Case: 5 days X 10 hrs/dy X 20 FTEs X \$93/hr Most Likely Case: 21 days X 10 hrs/day X 20 FTEs X \$93/hr IWTU318 1,116,000 pose sharing risk with DOE. Worst Case: 60 days X 10 hrs/dy X 20 FTEs X \$93/hr 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 Additional FTE for procurement personnel are needed to find IWTU334 D.3.06 DOE Neville, Trent Supply Chain Delays and Cost Increases merging national and interna Threat Possible 14,400 43,200 \$ 86,400 ropose transfer to DOE. nts impact supply chain. Best Case: 1 FTE for 120 hrs at \$120/hr for a cost of \$14,400. essary materials, services, and personnel, Most Likely Case: 1 FTE for 360 hrs at \$120/hr for a cost of \$43,200.

Worst Case: 1 FTE for 720 hrs at \$120/hr for a cost of \$86,400. 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 Emerging national and internal events impact supply chain. Best Case based on 25% of the monthly material cost average. Most Likely based on best case x2 (2 months). IND303 Project Wide DOE Neville, Trent Tariffs and Supply Chain Cost Increases Threat 1.031.806 2.063.612 S 3.095.418 Propose transfer to DOE. sary materials, services, and personnel. Worst Case based best case x3 (3 months).

IDAHO CLEANUP PROJECT (ICP) CONTRACT NO. 89303321DEM000061, CID 89304223FEM400000 ICP TEN-YEAR PLAN - HYBRID TASK ORDER MOD P0011<u>1</u>0

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

IDAHO CLEANUP PROJECT (ICP) CONTRACT NO. 89303321DEM000061, CID 89304223FEM400000 ICP TEN-YEAR PLAN - HYBRID TASK ORDER MOD P0011<u>1</u>0

Table of Contents

Section B – Supplies or Services and Prices/Costs	1
Section C – Performance Work Statement	2
Section D – Packaging and Marking	2
Section E – Inspection and Acceptance	2
Section F – Deliveries or Performance	3
Section G – Contract Administration Data	3
Section H – Special Contract Requirements	3
Section I – Contract Clauses	3
Section J – List of Documents, Exhibits, and Other Attachments	3

IDAHO CLEANUP PROJECT (ICP) CONTRACT NO. 89303321DEM000061, CID 89304223FEM400000 ICP TEN-YEAR PLAN - HYBRID TASK ORDER MOD P0011<u>1</u>0

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CONTRACT NO. 89303321DEM000061, CID 89304223FEM400000 ICP TEN-YEAR PLAN - HYBRID TASK ORDER MOD P001110 $\!\!\!\!$

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)				
301		Reserved							
302	09/22/2023	Integration and Mission Continuity (TO 3.2)	\$ 1,371,383,830						
		CLIN 04 RWI	MC Closui	re					
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 Nav	al Reactor	s					
501	09/08/2023	Naval Reactors D&D (TO 5.1)	CPIF	10/1/2023 - 9/28/2028	\$ 141,456,397				
502	TBD	Core Car (TO 5.2)	TBD	TBD	TBD				
504	TBD	S5G (TO 5.4)	TBD	TBD	TBD				
		CLIN 06 No			1				
601	09/19/2023	Non-Defense (TO 6.1) CLIN 07 Tai	CPFF	10/1/2023 - 9/30/2031	\$ 34,515,345				
,									
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)	<u>CPIF</u>	$\underline{10/1/2025 - 9/30/2028}$	\$ 391,807,712				
	TOTAL								

CONTRACT NO. 89303321DEM000061, CID 89304223FEM400000 ICP TEN-YEAR PLAN - HYBRID TASK ORDER MOD P001110

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.

CONTRACT NO. 89303321DEM000061, CID 89304223FEM400000 ICP TEN-YEAR PLAN - HYBRID TASK ORDER MOD P001110

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.