

The purpose of this modification is to:

- (1) Modify Table B.2 to increase Target Cost by \$6,362,723, Target Fee by \$509,018, Maximum Fee by \$954,408, and PMI by \$190,882 within SubCLIN 000370; and, increase Target Cost by \$6,362,997, Target Fee by \$509,040, Maximum Fee by \$954,450, and PMI by \$190,890 within SubCLIN 000370-1 for the negotiated award of proposal UCOR-T7-003, *Zone 2 Duct Bank Stabilization*, dated June 4, 2024.
- (2) Update Attachment J-5 with amended Small Business Goals for Subtask 7, Modification 5;
- (3) Update Attachment J-15-3 to increase the Total Maximum Value of Services by \$14,634,578 for Subtask 000370 to **\$2,743,748,586**; and,
- (4) Replace Attachment J-15-3-07, Modification 4 to authorize Subtask 7, Modification 5 to include additional requirements negotiated for proposal UCOR-T7-003, *Zone 2 Duct Bank Stabilization*.

Task Order 89303523FEM400032 Section B.2, Table B.2; Section J-5; Attachment J-15-3; and, Attachment J-15-3-07, Modification 4 are deleted in entirety and replaced with the following pages. Changes added within the attachments are denoted by **bold double-underline**.

**U.S Department of Energy
 Oak Ridge Office of Environmental Management
 Task Order**

1. Task Order Number: 89303523FEM400032	2. Task Order Revision Number: P00057
3. Task Order Title: Oak Ridge Reservation Cleanup End States Task Order	
4. Date of Task Order – 05/10/2023	
5. Master IDIQ Contract Information:	
a. Contractor Name and Address: United Cleanup Oak Ridge LLC (UCOR) 20501 Seneca Meadows Pkwy, Ste 300 Germantown, MD 208767019	
b. Contract Number: 89303322DEM000067	
6. Description of Work: See attached subtasks	7. Accounting and Appropriation Data: See Clause B.3
8. Task Order Type, Cost, and Fee: Hybrid – See attached subtasks	9. Period of Performance: 05/10/2023- 05/09/2033
See attached for all terms and conditions.	

Oak Ridge Reservation Cleanup Contract (ORRCC)
End States Task Order
Task Order No. 89303322DEM000067/89303523FEM400032
Modification P00057 Page 5 of 47

CLIN/ SubCLIN	CLIN/SubCLIN Title	CLIN/ Sub CLIN Type	Estimated Cost	Target Cost	Firm Fixed Price	Award Fee	Fixed Fee	Target Fee	Minimum Fee	Maximum Fee	PMI
000362a	Subtask 6-2: Alpha-2 Demolition Project	CPIF	\$0	\$46,886,867	\$0	\$0	\$0	\$2,625,665	\$0	\$5,626,424	\$1,406,606
000362b	Subtask 6-2: Alpha-2 Restoration of Inaccessible Areas (PRICED OPTION)	CPIF	\$0	\$8,266,409	\$0	\$0	\$0	\$462,919	\$0	\$991,969	\$247,992
000370	Subtask 7 - ETPP Soil Remediation End State	CPIF	\$0	<u>\$47,948,967</u>	\$0	\$0	\$0	<u>\$3,835,908</u>	\$0	<u>\$7,192,345</u>	<u>\$1,438,469</u>
<u>000370-1</u>	<u>Subtask 7 - Zone 2 Duct Banks Remediation (PRICED OPTION)</u>	<u>CPIF</u>	<u>\$0</u>	<u>\$6,362,997</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$509,040</u>	<u>\$0</u>	<u>\$954,450</u>	<u>\$190,890</u>
000370-3	Subtask 7 Requirements Transferred from Subtask 3	CPAF	\$299,702	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
000381	Subtask 8-1 - EMDF Early Site Prep	CPIF	\$0	\$22,277,370	\$0	\$0	\$0	\$1,869,427	\$0	\$3,341,606	\$668,321
000382	Subtask 8-2: Mission Support Facility - EMDF, Subtask 2 - GWFD and BOC	CPIF	\$0	\$207,410,956	\$0	\$0	\$0	\$16,613,617	\$0	\$31,111,643	\$6,222,329
000382-2	Subtask 8-2: EMDF Merchantable Timber Harvesting - PRICED OPTION	CPIF	\$0	\$817,114	\$0	\$0	\$0	\$0	\$0	\$0	\$0
000382-3	Subtask 8-2 Requirements Transferred from Subtask 3	CPAF	\$182,296	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
000391	Subtask 9-1 - OF200 MTF Subtask 1	CPFF	\$9,877,348	\$0	\$0	\$0	\$395,094	\$0	\$0	\$0	\$0
000392a	Subtask 9-2a - OF200 Initial Site Responsibility, Procurements, and Construction Activities	CPFF	\$33,003,217	\$0	\$0	\$0	\$1,320,129	\$0	\$0	\$0	\$0
000393	Subtask 9-3 - OF200 MTF Onboarding and Training	FFP	\$0	\$0	\$1,142,912	\$0	\$0	\$0	\$0	\$0	\$0
0003101a	Subtask 10-1a - ETPP Final Groundwater RODs/Remedies/Closure, Subtask 1a	CPFF	\$26,863,525	\$0	\$0	\$0	\$1,074,541	\$0	\$0	\$0	\$0
0003101b	Subtask 10-1b - ETPP Final Groundwater	CPIF		\$5,915,378							

CLIN/ SubCLIN	CLIN/SubCLIN Title	CLIN/ Sub CLIN Type	Estimated Cost	Target Cost	Firm Fixed Price	Award Fee	Fixed Fee	Target Fee	Minimum Fee	Maximum Fee	PMI																		
RODs/Remedies/Closure, Subtask 1b																													
0003101-3	Subtask 10-1 Requirements Transferred from Subtask 3	CPAF	\$2,319,364	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0																		
0003171	Subtask 17-1 - Y-12 Infrastructure	CPIF	\$0	\$22,863,422	\$0	\$0	\$0	\$1,488,409	\$0	\$3,429,513	\$685,903																		
<p><i>**Includes Unilateral Change Order pending definitization</i></p> <p>Acronyms:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">BOC Balance of Construction</td> <td style="width: 33%;">LTD Long-Term Disability</td> </tr> <tr> <td>CLIN Contract Line Item Number</td> <td>Mod Modification</td> </tr> <tr> <td>CR cost-reimbursement</td> <td>MTF Mercury Treatment Facility</td> </tr> <tr> <td>EMDF Environmental Management Disposal Facility</td> <td>OF200 Outfall 200</td> </tr> <tr> <td>ETTP East Tennessee Technology Park</td> <td>ORNL Oak Ridge National Laboratory</td> </tr> <tr> <td>FFP Firm Fixed Price</td> <td>PRB Post-Retirement Benefits</td> </tr> <tr> <td>GFC Government-Furnished Cost</td> <td>ROD Record of Decision</td> </tr> <tr> <td>GWFD Groundwater Field Demonstration</td> <td>TBD To be determined</td> </tr> <tr> <td></td> <td>Y-12 Y-12 National Security Complex</td> </tr> </table>												BOC Balance of Construction	LTD Long-Term Disability	CLIN Contract Line Item Number	Mod Modification	CR cost-reimbursement	MTF Mercury Treatment Facility	EMDF Environmental Management Disposal Facility	OF200 Outfall 200	ETTP East Tennessee Technology Park	ORNL Oak Ridge National Laboratory	FFP Firm Fixed Price	PRB Post-Retirement Benefits	GFC Government-Furnished Cost	ROD Record of Decision	GWFD Groundwater Field Demonstration	TBD To be determined		Y-12 Y-12 National Security Complex
BOC Balance of Construction	LTD Long-Term Disability																												
CLIN Contract Line Item Number	Mod Modification																												
CR cost-reimbursement	MTF Mercury Treatment Facility																												
EMDF Environmental Management Disposal Facility	OF200 Outfall 200																												
ETTP East Tennessee Technology Park	ORNL Oak Ridge National Laboratory																												
FFP Firm Fixed Price	PRB Post-Retirement Benefits																												
GFC Government-Furnished Cost	ROD Record of Decision																												
GWFD Groundwater Field Demonstration	TBD To be determined																												
	Y-12 Y-12 National Security Complex																												

3. Attachment J-5, Small Business Subcontracting Goals

Attachment J-5-3 includes the Small Business Subcontracting Goals for this Task Order.

Attachment J-5-3. Task Order Summary - Small Business Subcontracting Goals

Cumulative Awarded Cost of Task Order 89303523FEM400032 w/o Options from Table B.2	<u>\$2,456,839,942</u>
Less: Cumulative Awarded Costs Excluded from Goals	\$108,652,564
Cumulative Task Order Value Applicable to Small Business Subcontracting Goals	<u>\$2,348,187,378</u>

Attachment J-5-3a, Task Order 89303523FEM400032 Small Business Subcontracting Goals

<u>Category</u>	<u>Total to be Subcontracted</u>	<u>Minimum Small Business Goals</u>
Total Subcontracted	<u>\$1,826,367,961</u>	
Small Business (categories below are subsets within this category)	<u>\$821,865,582</u>	35% of Cumulative Task Order Value 45% of Total Subcontracted
Other Small Business Subcontracts	<u>\$665,711,122</u>	
Veteran-Owned Small Business (VOSB)	<u>\$24,655,967</u>	3% of Total Small Business Subcontracts
Service-Disabled Veteran-Owned Small Business (SDVOSB)	<u>\$24,655,967</u>	3% of Total Small Business Subcontracts
Historically Underutilized Business Zone (HUBZone)	<u>\$24,655,967</u>	3% of Total Small Business Subcontracts
Small Disadvantaged Business	<u>\$41,093,279</u>	5% of Total Small Business Subcontracts
Women-owned Small Business	<u>\$41,093,279</u>	5% of Total Small Business Subcontracts

Attachment J-5-3b. Government-Provided and Estimated Costs Not Included in Subcontracting Goals

Reservation Management	\$11,598,051
Post-Retirement Benefits and Long-Term Disability and Pension Contribution	\$71,702,932
Site Usage Fees	\$9,397,004
Services Acquired under Parent Organization Support Plan	\$15,954,577

6. Attachment J-15

Attachment J-15, *Task Order Tracking Matrix*, includes this Task Order as Attachment J-15-3, *End States Task Order*. Additionally, this Task Order includes the following Subtasks that are specific to this Task Order with a Total Maximum Value of Services of **\$2,743,748,586**:

Attachment J-15-3, End States Task Order - Subtask Tracking Matrix							
Subtask #	Section J Attachment #	Issue Date	Subtask Title	Contract Type	Start Date	End Date	Maximum Value of Services ¹
000393	J-15-3-09-03	4/2/2024	Subtask 9-3 - OF200 MTF Onboarding and Training	FFP	11/16/2023	4/30/2024	\$1,142,912
000362	J-15-3-06-02, Modification 1	8/29/2024	Subtask 6-2 - Alpha-2 Complex Demolition, Modification 1	CPIF*	8/7/2024	4/17/2028	\$61,771,669***
00033	J-15-3-03, Revision 7	9/30/2024	Subtask 3 – End State Phase-In, Revision 7	Hybrid	10/1/2022	1/31/2025	\$697,237,133
000342	J-15-3-04-02, Modification 1	9/30/2024	Subtask 4-2 - ICAM Implementation, Modification 1	CPFF	10/2/2023	12/5/2024	\$805,059
000343	J-15-3-04-03, Modification 1	9/30/2024	Subtask 4-3 - HQ-Funded Technology Development, Modification 1	CPFF	6/21/2024	3/31/2025	\$390,000
000361	J-15-3-06-01, Modification 2	9/30/2024	Subtask 6-1 - Y-12 Operations and Cleanup End States, Modification 2	Hybrid	11/27/2023	1/21/2032	\$418,181,465
000381	J-15-3-08-01, Modification 1	9/30/2024	Subtask 8-1 - EMDF Line Item, Subtask 1 - Early Site Preparation, Modification 1	CPIF*	7/24/2023	9/11/2024	\$25,618,976
000382	J-15-3-08-02, Modification 4	9/30/2024	Subtask 8-2 - EMDF Line Item, Subtask 2 – Groundwater Field Demonstration and Balance of Construction, Modification 4	Hybrid	10/23/2023	5/9/2030	\$239,522,009***
000391	J-15-3-09-01, Modification 1	9/30/2024	Subtask 9-1 - OF200 Mercury Treatment Facility (MTF) Subtask 1, Modification 1	CPFF	7/24/2023	1/27/2025	\$10,272,442
000392	J-15-3-09-02, Modification 6	9/30/2024	Subtask 9-2 - OF200 Construction and Commissioning End State, Modification 7	Hybrid	11/16/2023	12/22/2024	\$34,323,346
0003171	J-15-3-17-01, Modification 1	9/30/2024	Subtask 17-1 - Y-12 Infrastructure	CPIF*	11/27/2023	4/28/2026	\$26,292,935
0003101	J-15-3-10-01, Modification 2	9/30/2024	Subtask 10-1 - ETPP Final RODs/Remedies/Closure, Subtask 1, Modification 2	Hybrid	11/27/2023	9/30/2028	\$36,172,808
000351	J-15-3-05-01, Modification 4	10/31/2024	Subtask 5-1 - ORNL Operations and Cleanup End States, Modification 4	Hybrid	11/27/2023	4/13/2033	\$816,604,511**
000341	J-15-3-04-01, Modification 4	10/31/2024	Subtask 4-1: Core Functions and Post-Retirement Benefits/Long-Term Disability and Pension, Subtask 1, Modification 4	Hybrid	11/27/2023	10/21/2025	\$312,654,860

Attachment J-15-3, End States Task Order - Subtask Tracking Matrix

Subtask #	Section J Attachment #	Issue Date	Subtask Title	Contract Type	Start Date	End Date	Maximum Value of Services ¹
000370	J-15-3-07, <u>Modification 5</u>	<u>11/6/2024</u>	Subtask 7 ETPP Soil Remediation End State, Modification 5	Hybrid	7/24/2023	7/16/2026	<u>\$62,758,461</u> ***

¹ Maximum Value of Services is not a final value. The value of each Subtask will be updated at completion to the final actual value at completion.

**In accordance with the clause at FAR 52.216-10, Incentive Fee, see Subtask for target cost, target fee, maximum and minimum fees, and the target fee increase and decrease ratios.*

***Includes Unilateral Change Order pending definitization*

****Includes Priced Option not yet exercised/authorized by CO*

Acronyms:

BOC	Balance of Construction	ICAM	Identity, Credentialing, and Access Management
CPAF	cost-plus-award-fee	MTF	Mercury Treatment Facility
CPFF	cost-plus-fixed-fee	OF200	Outfall 200
CPIF	cost-plus-incentive-fee	ORNL	Oak Ridge National Laboratory
CR	cost reimbursement only	Y-12	Y-12 National Security Complex
EMDF	Environmental Management Disposal Facility		
ETTP	East Tennessee Technology Park		
FFP	Firm Fixed Price		
GWFD	Groundwater Field Demonstration		

Oak Ridge Reservation Cleanup Contract 89303322DEM000067

Task Order 89303523FEM400032

United Cleanup Oak Ridge LLC (UCOR)

Subtask No: 000370

Subtask 7 - ETTP Soil Remediation End State, **Modification 5**



U.S Department of Energy
Oak Ridge Office of
Environmental Management

Table of Contents

<u>Section B – Supplies or Services and Prices/Costs</u>	12
<u>B.1 DOE-B-2012 Supplies/Services Being Procured/Delivery Requirements (Oct 2014)</u>	12
<u>B.2 Type of Subtask</u>	12
<u>B.9 Basis for Change</u>	18
<u>B.12 Performance Management Incentive</u>	18
<u>Section C – Performance Work Statement</u>	18
<u>C.1 Subtask Requirements</u>	18
<u>Section D – Packaging and Marking</u>	34
<u>Section E – Inspection and Acceptance</u>	34
<u>E.1 Inspection and Acceptance Delegation</u>	34
<u>Section F – Deliveries or Performance</u>	34
<u>F.3 Period of Performance</u>	34
<u>Section G – Contract Administration Data</u>	35
<u>G.1 Subtask Administration</u>	35
<u>Section H – Special Contract Requirements</u>	36
<u>Section I – Contract Clauses</u>	36
<u>Section J – List of Documents, Exhibits, and Other Attachments</u>	36
<u>1. Attachment J-7 Deliverables</u>	36
<u>Appendix B.9</u>	40

Section B – Supplies or Services and Prices/Costs

This Subtask work shall be performed under Contract Line Item Number (CLIN) 0003 of the Oak Ridge Reservation Cleanup Contract (ORRCC) Master Indefinite Delivery/Indefinite Quantity (IDIQ) Contract (herein referred to as the Master IDIQ Contract). Section B of the Master IDIQ Contract and Task Order 89303322DEM000067/89303523FEM400032 is incorporated by reference.

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 Subtask as furnished by the Government) and otherwise do all things necessary for, or incidental to, the performance of work as described in Section C, Performance Work Statement under this Subtask.

B.2 Type of Subtask

This is a Hybrid Subtask comprised of multiple CLIN types with fee/profit ceiling(s) applied at the CLIN/SubCLIN level.

(b) DOE-B-2002 *Cost-Plus-Award-Fee Task Order: Total Estimated Cost and Award Fee (Oct 2014) (Revised)*

(1) SubCLIN 000370-3 is a Cost-Plus-Award-Fee type SubCLIN. The total estimated cost and award fee are as follows:

Total Estimated Cost:	\$ 299,702
Award fee:	\$ 0

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

(1) SubCLIN 000370 is a Cost-Plus-Incentive-Fee type SubCLIN, which includes a cost incentive, performance incentives (**milestones**), and a schedule incentive. In accordance with the clause at FAR 52.216-10, *Incentive Fee*, the target cost, target fee, maximum and minimum fees are set forth below:

Target Cost: **\$47,948,967**

Target Fee: **\$3,835,908**

Maximum Fee: **\$7,192,345***

Minimum Fee: \$0

*Includes PMI \$1,438,469; therefore, remaining maximum fee available is \$5,753,876.

(i) Cost Incentive:

Target Cost:	<u>\$47,948,967</u>
Target Fee:	<u>\$1,096,726</u>
Maximum Fee:	<u>\$1,874,146</u>
Minimum Fee	\$0

For the cost incentive portion of fee, as specified at Section I clause FAR 52.216-10, *Incentive Fee*, paragraph (e)(1): the fee payable under this SubCLIN shall be the target fee increased by **thirty (30) cents** for every dollar the total allowable cost is less than the target cost or decreased by **thirty (30) cents** for every dollar the total allowable cost exceeds the target cost. In no event shall the fee be greater than \$1,874,146 or less than **\$0**.

(ii) Milestones:

Milestone fee shall be earned as each milestone is completed per Table B-2a:

Table B-2a. Milestones

Milestones	Amount	
Milestone Fee (earned upon completion/no clawback)		
	Estimated Date	
Complete C.3.3.2.3 (EU-21 TCE) per B.2(c)(1)(ii)(C)(1) and (3)	7/30/2024	\$350,000
Complete C.3.3.2.1 (EU-39) per B.2(c)(1)(ii)(C)(1) and (3)	5/30/2024	\$200,000
Complete C.3.3.2.1 (EU-35, K-1407-B Pond) per B.2(c)(1)(ii)(C)(1) and (3)	5/30/2024	\$200,000
Complete C.3.3.2.2 (EU-11, K-1066-E) per B.2(c)(1)(ii)(C)(1) and (3)	7/30/2024	\$75,000
Complete C.3.3.2.4 (EU-20, K-1101 slab) per B.2(c)(1)(ii)(C)(1) and (3)	7/30/2024	\$50,000

Complete C.3.3.2.1 (EU-30) per B.2(c)(1)(ii)(C)(1)	7/30/2024	\$200,000
Complete C.3.3.2.2, (EU-38, Pits & Pad per B.2(c)(1)(ii)(C)(1) and (3)	6/30/2024	\$150,000
Complete EU-21 WTS removal and EU-13 WTS transfer per B.2(c)(1)(ii)(C)(2) and (3)	10/31/2024	\$50,000
SubCLIN 000370 End State/Completion Fee		
	Not To Exceed Date	
Complete RA field work end state per B.2(c)(1)(ii)(B)(1)	9/30/2024	\$425,000
Complete remaining SubCLIN 000370 Subtask 7 Documentation (i.e., PCCRs and RARs) per B.2(c)(1)(ii)(B)(2)	7/15/2026	<u>\$883,116</u>
Total Available Milestone Fee		<u>\$2,583,116</u>

- (A) The value of milestones is based on the importance and value of the work to be performed. Upon completion of a fee milestone, the Contractor shall earn the amount specified for that milestone. The eight fee milestones total \$1,275,000.
- (B) The remaining **\$1,308,116** shall be earned by the Contractor by completing the following two end state/completion fee milestones:
- (1) Complete all remediation activities in Exposure Units-21, -39, -35 (K-1407-B-Pond), -11 (K1066-E), -20 (K-1101 Slab), -30, and -38, per the approved Work Plan/Technical Memorandum on or before September 30, 2024. None of the \$425,000 fee shall be earned if work is not completed by September 30, 2024.
 - (2) Complete remaining SubCLIN 000370 Subtask 7 Documentation (i.e., PCCRs and RARs, **including Zone 2 Duct Banks PCCR**) on or before July 15, 2026. Completion includes support, comment resolution, and final approvable documentation up to D2 transmittal to DOE for submittal to EPA and TDEC. None of the **\$883,116** fee shall be earned if work is not completed by July 15, 2026. **The addition of this contract modification P00057 scope will require a change to the milestone date. However, the correct date cannot be determined until characterization of the vaults is complete and a project plan developed.**
- (C) Completion criteria to earn interim progress fee milestones are as follows, in accordance with SubCLIN 000370 Section C.1, 8.0, Performance Objectives and Standards:

- (1) Complete all remediation activities in the specified Exposure Unit, per the approved Work Plan/Technical Memorandum, as necessary for No Further Action determination and approvable Phased Construction Completion Report documentation submittal to the regulators. This includes but is not limited to:
 - Shipment and receipt for disposal of all excavated waste(s);
 - Utilization and documentation of the OREM Waste Hierarchy process; and
 - Return of site to a final stable condition, to include completion of backfilling and final site preparation (i.e., grading, hydroseeding, or gravel placement, as determined by concurrence with OREM).
- (2) Complete dismantling and shipment of EU-21 WTS material(s) and waste(s) to ORRL, EMWMF, or other local landfill, or planned waste disposal if offsite, ensuring OREM Waste Hierarchy is maintained; and establish new location and transfer EU-13 WTS in support of future groundwater program needs.
- (3) Project review and OREM walkdown by the Portfolio Federal Project Director and applicable federal Project Manager.

(iii) Schedule Incentive:

Maximum Fee (3%): \$1,296,615

Minimum Fee (0%) \$0

Schedule incentive fee shall be earned as follows in Table B-2b for soil remediation completion as defined per B.2(c)(1)(iii)(B):

Table B-2b. Schedule Incentive

SCHEDULE INCENTIVE	Amount
Schedule Incentive (earned upon completion; not additive)	
Soil remediation completed by September 30, 2024	\$427,883
Soil remediation completed by August 30, 2024	\$868,732
Soil remediation completed by July 30, 2024	\$1,296,615
Total Performance Incentive	\$1,296,615

- (A) The value of schedule incentives is based on the importance of the work to be performed, particularly ahead of schedule. Schedules incentives are not additive. Scope completed after the incentive date will be awarded based on the following incentive date rate. Upon completion of the schedule incentive, the Contractor shall earn the amount specified based on the completion date. The maximum possible

incentive fee is \$1,296,615.

- (B) Completion criteria to earn schedule incentive fee for completing work by or ahead of September 30, 2024 are as follows, in accordance with SubCLIN 000370:
- (i) Complete all remediation activities in the specified Exposure Unit, per the approved Work Plan/Technical Memorandum.
 - (ii) Ship of all excavated waste(s) to an appropriate disposal or other applicable facility, ensuring the OREM Waste Hierarchy process is followed.
 - (iii) Return of site to a final condition, to include completion of backfilling and final site preparation (i.e. grading, hydroseeding, or gravel placement, as determined by concurrence with OREM).
 - (iv) Conduct a final project review and OREM walkdown by the Portfolio Federal Project Director and applicable federal Project Manager.

(2) SubCLIN 000370-1 is a Cost-Plus-Incentive-Fee type SubCLIN. In accordance with the clause at FAR 52.216-10, Incentive Fee, the target cost, target fee, maximum and minimum fees are set forth below:

Target Cost: \$6,362,997

Target Fee: \$ 509,040

Maximum Fee: \$ 954,450*

Minimum Fee: \$0

***Includes PMI \$190,890; therefore, remaining maximum fee available is \$763,560.**

(i) Cost Incentive:

Target Cost: \$6,362,997

Target Fee: \$ 509,040

Maximum Fee: \$ 763,560

Minimum Fee: \$0

For the cost incentive portion of fee, as specified at Section I clause FAR 52.216-10, Incentive Fee, paragraph (e)(1): the fee payable under this SubCLIN shall be the target fee increased by thirty (30) cents for every dollar the total allowable

cost is less than the target cost or decreased by thirty (30) cents for every dollar the total allowable cost exceeds the target cost. In no event shall the fee be greater than \$763,560 or less than \$0.

- (3) Payment of fee shall be made in accordance with clause 52.216-10, *Incentive Fee*, clause I.228, DEAR 970.5232-2, *Payment and Advances* (Dec 2000) – *Alt I* (Dec 2000), *Alt II* (Dec 2000) and *Alt III* (Dec 2000) (DEVIATION), and clause B.11, *Provisional Payment of Fee* (Oct 2013) (Revised) of the Master IDIQ Contract and is payable upon DOE’s final determination.
- i. Cost incentive fee will be made in accordance with this clause, Section B.11, *Provisional Payment of Fee* (Oct 2013) (Revised) of the Master IDIQ Contract, and other applicable clauses of the Subtask.
 - ii. Performance and schedule incentive fee under this SubCLIN will be paid after completion criteria is validated by OREM.
- (4) This subtask is subject to reopening following receipt of audit of UCOR by an auditing firm retained by DOE. Therefore, the parties agree that the cost and associated fee is subject to adjustment based on the results of audit report and resolution of audit findings. Should there be no agreement between DOE and Contractor on the amount of the cost and fee adjustment, the Contracting Officer may make a unilateral determination and modify the Subtask accordingly. Failure of Contractor and DOE to agree with such change and the resulting Subtask cost and associated fee shall be resolved in accordance with the Disputes Clause of the Contract.
- (5) 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 and the performance, cost, and schedule incentives are applicable to the following Subtask Contract Line Item(s):

Table B-2c. Subtask CLIN Structure

CLIN/ SubCLIN	CLIN/SubCLIN Title	CLIN Type	Target Cost	Target Fee	Fee Increase/Decrease Ratio
0003	ORRCC End State Task Orders 89303322DEM000067/ 89303523FEM400032				

CLIN/ SubCLIN	CLIN/SubCLIN Title	CLIN Type	Target Cost	Target Fee	Fee Increase/Decrease Ratio
000370	ETTP Soils Remediation End State	CPIF	<u>\$47,948,967</u>	<u>\$3,835,907</u>	As described in Section B.2(c)(1)
<u>000370-1</u>	<u>Zone 2 Duct Banks Remediation (PRICED OPTION)</u>	<u>CPIF</u>	<u>\$6,362,997</u>	<u>\$ 509,040</u>	<u>As described in Section B.2(c)(2)</u>

Acronyms:

CLIN Contract Line Item Number
 CPIF cost-plus-incentive-fee

ETTP East Tennessee Technology Park
 ORRCC Oak Ridge Reservation Cleanup Contract

B.9 Basis for Change

In accordance with Clause B.9 *Basis for Change*, of the Master IDIQ Contract, the identification of fee risk ownership for both the Government and the Contractor is set forth in Appendix B.9 to this Subtask.

B.12 Performance Management Incentive

In accordance with Clause B.12, *Performance Management Incentive*, of the Master IDIQ Contract, Performance Management Incentive is applicable to this Subtask (excluding SubCLIN 000370-3).

Section C – Performance Work Statement

C.1 Subtask Requirements

The Contractor shall perform the requirements in accordance with the Master IDIQ Contract and the information included below:

**PERFORMANCE BASED STATEMENT OF WORK
 Subtask 7: ETTP Soils Remediation End State**

1.0 INTRODUCTION

This is an end states Subtask. Key desired outcomes for the Department’s environmental liability and risk reduction include:

- Environmental remediation end state complete for ETTP Zone 1 and Zone 2 Soils as described in Master IDIQ Section C.3.3.1 and C.3.3.2.

- Contaminant Load Remediated from identified areas of Soil and Other Environmental Media from primary contaminants of concern that include Mercury, Technetium-99, Trichloroethylene, and Uranium.
- Remediation completed for identified release sites.
- Identified acres of footprint reduction/acres remediated and available for planned use as a privately owned industrial property.

DOE and the ORRCC Contractor have partnered to reach agreement on the scope of work, completion objectives, and risk and mitigation ownership for the Subtask period of performance. The Contractor shall ensure this Subtask scope is integrated with other Subtasks, as necessary.

2.0 BACKGROUND

As described in the *OREM Program Plan 2022 – 2032*, ETTP (previously K-25, renamed in 1997) was constructed during the Manhattan Project to enrich uranium for the first atomic weapon using the gaseous diffusion process. Due to the success of this technique, the original plant was expanded during the Cold War and employed 12,000 workers. At its peak, the site contained five enormous uranium enrichment facilities—K-25, K-27, K-29, K-31, and K-33— and hundreds of support facilities.

DOE ceased all gaseous diffusion operations at the K-25 plant in 1987. Environmental cleanup to address the deteriorating facilities and environmental hazards created during decades of uranium enrichment began shortly thereafter. In addition to conducting much needed cleanup, DOE pursued a vision to convert the site into a private industrial park by transferring land and infrastructure back to the community.

OREM has completed the demolition of all excess facilities and is in the final phase of completing cleanup at ETTP. The work remaining for this TO includes completing soil remediation.

3.0 SCOPE

The Contractor shall perform the scope of work and requirements in accordance with the Section C PWS sections and subsections of the Master IDIQ Contract identified below:

C.3.3 ETTP Cleanup

C.3.3.1 Zone 1 Soil

C.3.3.2 Zone 2 Soil

For the scope of work performed under Master IDIQ PWS sections and subsections listed in the Scope, the Contractor shall incorporate the following assumptions and completion objectives into the Subtask:

SubCLIN 000370 Section 3.0 Assumptions and Completion Criteria		
PWS Subsection	Completion Criteria	Assumptions
C.3.3.1, <i>Zone 1 Soil</i>	<ul style="list-style-type: none"> • Complete desired outcome described in Master IDIQ Section C.3.3.1. 	<ul style="list-style-type: none"> • Zone 1 Post-ROD monitoring and land-use control implementation will transition to Subtask 10-1/PWS C.5.7.3 following approval of the final Zone 1 Soils Remedial Action Report.

<p>C.3.3.2, Zone 2 Soils</p>	<ul style="list-style-type: none"> • Complete desired outcome described in Master IDIQ Section C.3.3.2. • <u>Complete characterization, dewatering, and stabilization of non-contaminated Zone 2 Duct Banks and documentation required for remediation of contaminated Zone 2 Duct Banks in accordance with the Zone 2 Soils Record of Decision.</u> 	<ul style="list-style-type: none"> • All project documentation work continues until the final CERCLA Zone 2 Soils completion documentation is approved. • Zone 2 Post-ROD monitoring and land-use control implementation will transition to Subtask 10-1/PWS C.5.7.3 following approval of the final Zone 2 Soils Remedial Action Report, to include removal and associated sampling of the K-2500 AB tent and K-2500-J Rubb tent. • <u>Initial assessment of the Zone 2 vaults, including merging of regulatory data and supplemental field walk-downs, and documentation intended to detail a work plan and conditions report has been completed under Subtask 3 (CLIN 000033).</u> • <u>Sampling and Analysis Plan will not be required.</u> • <u>Data Quality Assessment (DOA) presentation will be prepared for approval by DOE, TDEC and EPA.</u> • <u>A Work Plan/Technical Memorandum (WP/TM) or phased Data Quality Assessment (DOA) will be prepared for approval by TDEC and EPA.</u> • <u>Characterization for waste acceptance/ waste disposition pathway may proceed in advance of regulatory approval of WP/TM/DOA.</u> • <u>Any dewatering required by the Zone 2 Duct Banks scope will utilize LGWO.</u> • <u>Extent of conditions, including presence of hazardous materials (e.g. asbestos, lead, etc.), sediment, and/or water are assumed to be similar to the duct bank action completed near EU-26, and the recently encountered duct</u>
----------------------------------	---	--

		<p><u>bank in the Viewing Platform construction area.</u></p> <ul style="list-style-type: none"> • <u>Schedule impacts to the completion of the end-state Milestone, Complete remaining SubCLIN 000370 Subtask 7 Documentation (i.e., PCCRs and RARs), resulting from Zone 2 Duct Banks scope will be revised by mutual agreement following completion of characterization and WP/TM transmittal to EPA and TDEC. The addition of contract modification P00057 scope will require a change to the milestone date. However, the correct date cannot be determined until characterization of the vaults is complete and a project plan developed.</u> • <u>The full scope of Subtask 7 and Subtask 10 must be completed within the UE D&D funding profile requested by DOE for the FY 2025 budget until communicated otherwise by DOE.</u> • Assume EU-21, EU11 K-1066-E, EU20 K-1101-Pad, EU-38 K-1417-A, EU-35, and EU-39 volumes will not differ from the following “Planned Soil Remediation Volumes” (excluding additional 16,462 CY for EU-21 Overburden excavation) and result in greater than a +/- \$750K change due to the volume change. <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th colspan="3" style="text-align: left; color: #4F81BD;">Planned Soil Remediation Volumes</th> </tr> <tr> <th style="width: 20%; text-align: center;">RA</th> <th style="width: 50%;"></th> <th style="width: 30%; text-align: center;">CY</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">EU21 **</td> <td></td> <td style="text-align: center;">8,473.00</td> </tr> <tr> <td></td> <td style="text-align: center;">EMWMF</td> <td style="text-align: center;">7,973.00</td> </tr> <tr> <td></td> <td style="text-align: center;">NNSS/ES</td> <td style="text-align: center;">500.00</td> </tr> </tbody> </table>	Planned Soil Remediation Volumes			RA		CY	EU21 **		8,473.00		EMWMF	7,973.00		NNSS/ES	500.00
Planned Soil Remediation Volumes																	
RA		CY															
EU21 **		8,473.00															
	EMWMF	7,973.00															
	NNSS/ES	500.00															

SubCLIN 000370 Section 3.0 Assumptions and Completion Criteria			
PWS Subsection	Completion Criteria	Assumptions	
		EU11	50.00
			K-1066-E 50.00
		EU20	
			K-1101 Pad No waste
		EU38	5.00
			K-1417-A 5.00
		EU35	2,021.00
			EMWMF 2,021.00
		EU39	13,335.00
			EMWMF 12,700.00
			Offsite Treatment 635.00
		EU30	3,411.00
			ORRL 3,311.00
			NNSS 100.00
		** An REA has been submitted under TO#3 for an additional 23,800 CY. This volume will be required to complete EU21.	

SubCLIN 000370 Section 3.0 Assumptions and Completion Criteria		
PWS Subsection	Completion Criteria	Assumptions
<i>C.3.3.2.1, Zone 2 Southeast Area Exposure Units</i>	<ul style="list-style-type: none"> • Complete all remaining soil remedial actions and required regulatory completion documentation associated with the Zone 2 Southeast Area Exposure Units in accordance with the final Zone 2 Soils ROD. • Per settlement of REA T7-001: Complete removal, packaging, shipment, and disposal of unforeseen high assay piping and associated soils, debris, and asbestos-containing material. This includes performing additional characterization and demolishing and disposition of concrete structures/pads required to access the remediation area. 	

SubCLIN 000370 Section 3.0 Assumptions and Completion Criteria		
PWS Subsection	Completion Criteria	Assumptions
<i>C.3.3.2.2, Zone 2 North-by- Northwest Area Exposure Units</i>	<ul style="list-style-type: none"> • Complete all remaining soil remedial actions and required regulatory completion documentation associated with the Zone 2 North-by-Northwest Area Exposure Units in accordance with the final Zone 2 Soils ROD. 	
<i>C.3.3.2.3, Zone 2 K-25 Area Trichloroethylene Plume</i>	<ul style="list-style-type: none"> • Complete all remaining soil remedial actions and required regulatory completion documentation associated with the Zone 2 K-25 Area Trichloroethylene Plume in accordance with the final Zone 2 Soils ROD. 	<ul style="list-style-type: none"> • Regulatory completion documentation for EU-20, EU-21, and EU-22, will be combined into a single PCCR for DOE and regulatory approval following completion of the EU-21 RA.
<i>C.3.3.2.4, Zone 2 Balance of K-25 Area Exposure Units</i>	<ul style="list-style-type: none"> • Complete all remaining soil remedial actions and required regulatory completion documentation associated with the Zone 2 Balance of K-25 Area Exposure Units in accordance with the final Zone 2 Soils ROD. 	

<u>SubCLIN 000370-1 (PRICED OPTION) Section 3.0 Assumptions and Completion</u>		
<u>Criteria</u>		
<u>PWS Subsection</u>	<u>Completion Criteria</u>	<u>Assumptions</u>
<u>C.3.3.2, Zone 2</u> <u>Soils</u>	<ul style="list-style-type: none"> • <u>Complete remediation of the contaminated Zone 2 Duct Banks, ensuring the protection of public safety, human health, and the environment.</u> 	<ul style="list-style-type: none"> • <u>Schedule impacts resulting from characterization and remedial action requirements of the Zone 2 Duct Banks will be addressed prior to initiation of any necessary remedial action work.</u>

<u>SubCLIN 000370-3 Section 3.0 Assumptions and Completion Criteria</u>		
<u>PWS Subsection</u>	<u>Completion Criteria</u>	<u>Assumptions</u>
<u>C.3.3.1, Zone 1</u> <u>Soil</u>	<ul style="list-style-type: none"> • Complete remaining 23% of the completion objectives transferred from Subtask 3, including: • Resolve regulatory comments on the Zone 1 Soils Final Record of Decision (ROD) and complete associated regulatory documents to implement the requirements of the approved Zone 1 Final ROD. • Evaluate Vapor Intrusion Screening and develop the Zone 1 RAR, D0. • Gather, process, assess, and incorporate the required additional data to complete an Addendum to the Final Zone 1 Soils RI/FS Remedial Investigation/ Feasibility Study to facilitate Regulatory approval of both the Zone 1 Soils Record of Decision and subsequent Zone 1 Soils Remedial Action Report. 	<ul style="list-style-type: none"> • The Addendum will incorporate updated, existing data from 2014 onward. • Specific items of concern to be resolved include, but are not limited to, impacts to plants and invertebrates; previously agreed-upon risk management decision, land-use changes, and updates to the threatened and endangered species list; and, related impacts.

SubCLIN 000370-3 Section 3.0 Assumptions and Completion Criteria		
PWS Subsection	Completion Criteria	Assumptions
<i>C.3.3.2.1, Zone 2 Southeast Area Exposure Units</i>	<ul style="list-style-type: none"> • Complete remaining 1% of the completion objectives transferred from Subtask 3, including: • Complete the following: <ul style="list-style-type: none"> ○ EU-35: Initiate remediation of K-1407-B Pond. ○ EU-39: Characterization of waste streams, obtain disposal site approvals, and initiate remedial actions. ○ Respond to EPA/TDEC comments and prepare PCCR (D2) versions follow-on document, as necessary for EU-25, EU-41, and EU-42. ○ EU-30: Remediation of soils. 	
<i>C.3.3.2.4, Zone 2 Balance of K-25 Area Exposure Units</i>	<ul style="list-style-type: none"> • Complete remaining 12% of the completion objectives transferred from Subtask 3, including: • EU-22: Complete EU-22 remedial action of K-101 Slab. • EU-20: Initiate planning for assessment and clean-out of the K-1101 pit, and initiate characterization of K-2500G for inclusion in regulatory closure documentation. 	

4.0 DIRECTIVES

In addition to the Interfaces included in the Master IDIQ Contract Attachment J-2, no Directives specific to this Subtask are included.

5.0 INTERFACES

In addition to the Interfaces included in the Master IDIQ Contract Attachment J-3, no Interfaces specific to this Subtask are included.

6.0 DELIVERABLES

In addition to the Deliverables included in the Master IDIQ Contract Attachment J-7, additional Deliverables are included in Attachment J-7-7 to this Subtask.

7.0 GOVERNMENT FURNISHED SERVICES AND INFORMATION

In addition to the Government-Furnished Services and Information (GFS/I) included in the Master IDIQ Contract Attachment J-8, no GFS/I specific to this Subtask are included.

8.0 PERFORMANCE OBJECTIVES AND STANDARDS

Fee will be determined upon completion of the End State requirements in Section 3.0 and the following work scope/completion criteria.

SubCLIN 000370, Subtask 7: ETTP Soil Remediation End State	
End State Requirement	Work Scope/Completion Criteria
Complete Zone 1 Soils desired outcome described in Master IDIQ Section C.3.3.1.	<ul style="list-style-type: none"> • Complete any remaining actions necessary to obtain no further action in a final ROD. • Prepare and transmit a final ROD and assist DOE in negotiations and document revisions as necessary, leading to ROD approval. • Complete any remaining actions necessary to obtain approval of an RAR. • Prepare and transmit an RAR and assist DOE in negotiations and document revisions as necessary leading to RAR approval.
Complete Zone 2 Soils desired outcome described in Master IDIQ Section C.3.3.2.	<ul style="list-style-type: none"> • Complete remedial actions identified and described per applicable Work Plan Technical Memoranda or other document (i.e. DQA), identified through characterization or confirmation sampling, as required by the Zone 2 Soils ROD and as necessary for the obtaining no further action determination on an EU by EU basis. • Prepare and transmit an RAR and assist DOE in negotiations and document revisions as necessary, leading to RAR approval.

SubCLIN 000370, Subtask 7: ETPP Soil Remediation End State	
End State Requirement	Work Scope/Completion Criteria
<p>Complete all remaining soil remedial actions and required regulatory completion documentation associated with the Zone 2 Southeast Area Exposure Units in accordance with the final Zone 2 Soils ROD.</p>	<ul style="list-style-type: none"> • Excavate contaminated soils based on the Zone 2 soils ROD requirements and EU-specific Work Plan/Technical Memorandum or other applicable document (i.e. DQA). • Ship and dispose of all applicable waste, ensuring the OREM Waste Hierarchy is utilized to the fullest extent and documented with OREM PM or PFPD concurrence. • Backfill excavation areas. • Grade site when/where necessary per grading designs coordinated with the ETPP Closure/Stormwater group. • Place site in a final condition, matching the surrounding area and/or based on future land utilization (i.e. gravel, hydroseeding, etc.). Discussion with Reindustrialization and DOE may be necessary. • Per settlement of REA T7-001: Complete removal, packaging, shipment, and disposal of unforeseen high assay piping and associated soils, debris, and asbestos-containing material. This includes performing additional characterization and demolishing and disposition of concrete structures/pads required to access the remediation area. • Demolition or removal and associated sampling of the K-2500 AB Tent and the K-2500-J Rubb Tent to meet the end state of the Zone 2 ROD

SubCLIN 000370, Subtask 7: ETPP Soil Remediation End State	
End State Requirement	Work Scope/Completion Criteria
<p>Complete all remaining soil remedial actions and required regulatory completion documentation associated with the Zone 2 North-by-Northwest Area Exposure Units in accordance with the final Zone 2 Soils ROD.</p>	<ul style="list-style-type: none"> • Excavate contaminated soils based on the Zone 2 soils ROD requirements and EU-specific Work Plan/Technical Memorandum or other applicable document (i.e. DQA). • Ship and dispose of all applicable waste, ensuring the OREM Waste Hierarchy is utilized to the fullest extent and documented with OREM PM or PFPD concurrence. • Backfill excavation areas. • Grade site when/where necessary per grading designs coordinated with the ETPP Closure/Stormwater group. • Place site in a final condition, matching the surrounding area and/or based on future land utilization (i.e. gravel, hydroseeding, etc.). Discussion with Reindustrialization and DOE may be necessary.
<p>Complete all remaining soil remedial actions and required regulatory completion documentation associated with the Zone 2 K-25 Area Trichloroethylene Plume in accordance with the final Zone 2 Soils ROD.</p>	<ul style="list-style-type: none"> • Excavate contaminated soils based on the Zone 2 soils ROD requirements and EU-specific Work Plan/Technical Memorandum or other applicable document (i.e. DQA). • Ship and dispose of all applicable waste, ensuring the OREM Waste Hierarchy is utilized to the fullest extent and documented with OREM PM or PFPD concurrence. • Backfill excavation areas. • Grade site when/where necessary per grading designs coordinated with the ETPP Closure/Stormwater group. • Place site in a final condition, matching the surrounding area and/or based on future land utilization (i.e. gravel, hydroseeding, etc.). Discussion with Reindustrialization and DOE may be necessary.

SubCLIN 000370, Subtask 7: ETPP Soil Remediation End State	
End State Requirement	Work Scope/Completion Criteria
<p>Complete all remaining soil remedial actions and required regulatory completion documentation associated with the Zone 2 Balance of K-25 Area Exposure Units in accordance with the final Zone 2 Soils ROD.</p>	<ul style="list-style-type: none"> • Excavate contaminated soils based on the Zone 2 soils ROD requirements and EU-specific Work Plan/Technical Memorandum or other applicable document (i.e. DQA). • Ship and dispose of all applicable waste, ensuring the OREM Waste Hierarchy is utilized to the fullest extent and documented with OREM PM or PFPD concurrence. • Backfill excavation areas. • Grade site when/where necessary per grading designs coordinated with the ETPP Closure/Stormwater group. • Place site in a final condition, matching the surrounding area and/or based on future land utilization (i.e. gravel, hydroseeding, etc.). Discussion with Reindustrialization and DOE may be necessary.
<p><u>Complete characterization, dewatering, and stabilization of non-contaminated Zone 2 Duct Banks and documentation required for remediation of contaminated Zone 2 Duct Banks in accordance with the Zone 2 Soils Record of Decision.</u></p>	<ul style="list-style-type: none"> • <u>Complete vault assessment and characterization.</u> • <u>Complete dewatering and stabilization of non-contaminated duct banks.</u> • <u>Complete DQA and approvable WP/TM for contaminated vaults.</u> • <u>Complete documentation of No-Further-Action determination and/or remediation actions in a single PCCR for DOE review.</u> • <u>Resolve and incorporate DOE review comments on the PCCR.</u> • <u>Transmit D1 report to DOE for sharing with EPA/TDEC for review.</u> • <u>Resolve and incorporate changes per EPA and TDEC review comments into approvable PCCR D2.</u>

SubCLIN 000370-1, Zone 2 Duct Banks Remediation (PRICED OPTION)	
End State Requirement	Work Scope/Completion Criteria
<u>Complete remediation and/or stabilization of the Zone 2 Duct Banks, ensuring the protection of public safety, human health, and the environment.</u>	<ul style="list-style-type: none"> • <u>Complete remediation of the contaminated Zone 2 Duct Banks.</u> • <u>Restore each site to grade (if applicable) with a surface completion compatible with the immediate area (topsoil, and hydroseed or gravel).</u>

In addition, the performance requirements, made up of objectives and respective standards, for this Subtask will be used to determine quality of performance in CPARS evaluation and PMI for SubCLIN 000370, as applicable.

Objective	Standard
Stormwater management control and mitigation	No violation issued for stormwater discharges as a result of contractor's actions
Submit documents without errors and omissions.	No more than one reissue required
Submit FFA documents to DOE for internal review and formal transmittal according to FFA Appendix I-6, Document Schedule.	<p>Submit D0 document for DOE review for no less than 30 calendar days.</p> <p>Submit D1 document for DOE transmittal no less than 14 calendar days ahead of FFA due date.</p> <p>Submit D2 document edits for review for no less than 14 calendar days. Provide a minimum of 14 calendar days for transmittal ahead of FFA due date.</p>
Construct working structures (truck loading areas, surfaces, drainage swales, culverts, construction pads, parking areas, etc.) in accordance with approved designs, standards, and practices	No more than two corrective deficiencies issued by DOE
Perform work in accordance with CERCLA documents	No violations of CERCLA document as a result of contractor's actions

Objective	Standard
Wildlife mitigation and Sensitive Habitat included in Best Management Practice	No violation for failing to follow mitigation best management practices
Waste(s) managed utilizing OREM Waste Hierarchy protocol.	Compliance with DOE O 435.1 and completion, routine review of Form-3219, Waste Hierarchy Documentation, and concurrence of OREM PM or PFPD in deviations.
Complete substrate stabilization upon completion of all earth work, demolition, or removal activities.	Complete seeding, plantings, riprap, gravel placement, or other ground cover upon completion of activities to prevent erosion, scour, destabilization, or downcutting in accordance with industry standard BMPs.
Safety and Operational Performance	See ORRCC PMI Plan
Meeting Regulatory or Court Ordered Milestones	See ORRCC PMI Plan
Quality Assurance Performance per Section C and Section E Clause FAR 52.246-11, where Continuous Monitoring and Performance Improvement are Evident	See ORRCC PMI Plan
Maintaining the Operability of Facilities and Other Infrastructure throughout the Performance Period such that Degradation is Addressed to Prevent Mission Impact	See ORRCC PMI Plan
Management of the Contractor's team, including teaming subcontractors to ensure efficient and effective partnering with the Government and all parties;	See ORRCC PMI Plan
Establishment, maintenance, and implementation of sound business systems to ensure efficient and effective business management performance in a complex IDIQ task order environment	See ORRCC PMI Plan
IDIQ management, including timely, good faith and fair dealings in conducting negotiations with DOE with the goal of a reasonable outcome, including equitable risk sharing, for all Parties	See ORRCC PMI Plan

Objective	Standard
Presentations and meeting materials used for project team meetings and/or ad hoc meetings requiring regulatory/stakeholder decisions submitted to DOE for internal review and to external agencies/stakeholders ahead of scheduled meeting.	Materials will be provided to DOE no less than 15 business days before a scheduled meeting for internal review. Materials will be submitted to stakeholders/regulatory agencies no less than 5 business days ahead of scheduled meeting. Deviations of this schedule require PFPD/PM concurrence.

Section D – Packaging and Marking

Section D of the Master IDIQ Contract is incorporated by reference.

Section E – Inspection and Acceptance

In addition to the following requirements, Section E of the Master IDIQ Contract is incorporated by reference:

E.1 Inspection and Acceptance Delegation

In accordance with Clause E.2, DOE-E-2001, Inspection and Acceptance, the Contracting Officer assigns inspection and acceptance of all items to the Contracting Officer’s Representative; however, the Contracting Officer’s Representative is not authorized to accept nonconforming items or services.

Section F – Deliveries or Performance

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

F.3 Period of Performance

- (a) The overall Subtask Period of Performance (POP) is estimated to be 36 months from July 24, 2023, through July 16, 2026, and the SubCLIN 000370-3 POP is from October 1, 2024 through January 28, 2026; however, the Subtask will not be considered complete until all of the end states are achieved as defined in Section C of the Subtask. **The SubCLIN 000370-1 POP is not yet authorized.**
- (b) The Contractor shall not be paid for work performed or costs incurred prior to the

Subtask effective date, unless specifically authorized by the Contracting Officer.

Section G – Contract Administration Data

Section G of the Master IDIQ Contract is incorporated by reference in addition to the following:

G.1 Subtask Administration

To promote timely and effective contract administration, correspondence delivered to the Government under this Subtask, shall reference the contract number, Task Order number, Subtask number, and subject matter, and shall be subject to the following procedures:

- (a) Technical correspondence. Technical correspondence shall be addressed to the COR for this Subtask, and a copy of any such correspondence shall be sent to the CO for this Subtask, with an informational copy to the Contract COR and Contract CO. As used herein, technical correspondence does not include correspondence where patent or rights in data issues are involved, nor technical correspondence that proposes or involves waivers, deviations, or modifications to the requirements, terms, or conditions of this Contract.
- (b) Information regarding correspondence addresses and contact information will be provided through official correspondence:
 - (1) Subtask Contracting Officer(s)
 - (A) Name: Carol Jennings
 - (B) Telephone number: 865-574-5563
 - (C) Address:
U.S. Department of Energy
Oak Ridge Office of Environmental Management
200 Administration Road
Oak Ridge, TN 37830
 - (D) Email address: carol.jennings@orem.doe.gov
 - (E) Name: Natasha White
 - (F) Telephone number: 865-576-2397
 - (G) Address:
U.S. Department of Energy
Oak Ridge Office of Environmental Management
200 Administration Road
Oak Ridge, TN 37830
 - (H) Email address: Natasha.White@orem.doe.gov

- (2) Subtask Contracting Officer’s Representative
 (A) Name: Joanna Hardin
 (B) Telephone number: 865-576-2366
 (C) Address:
 U.S. Department of Energy
 Oak Ridge Office of Environmental Management
 200 Administration Road
 Oak Ridge, TN 37830
 (D) Email address: Joanna.Hardin@orem.doe.gov

Section H – Special Contract Requirements

Section H of the Master IDIQ Contract is incorporated by reference.

Section I – Contract Clauses

Section I of the Master IDIQ Contract is incorporated by reference.

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

In addition to the following requirements, Section J of the Master IDIQ Contract is incorporated by reference:

1. Attachment J-7 Deliverables

Attachment J-7-7 includes the following additional deliverables for this Subtask:

Table J-7-7. Subtask 7 Deliverables

Number	Deliverable	Deliverable Due Date	DOE Action Response ¹	Reference
T7-001	Performance Measurement Baseline (update for Subtask 7)	Final Within 30 days of Subtask issuance	Approve – 30 days	Section C.6.1.1, <i>Project Support Performance Requirements</i> Section H.51, <i>Task Ordering Procedure</i>
T7-002	Integrated Master Schedule (update for Subtask 7)	Final Within 30 days of Subtask issuance	Approve – 30 days	Section C.6.1.1, <i>Project Support Performance Requirements</i> Section H.51, <i>Task Ordering Procedure</i>

Table J-7-7. Subtask 7 Deliverables

Number	Deliverable	Deliverable Due Date	DOE Action Response ¹	Reference
T7-003	Subtask Metrics and Milestone Plan	Final Within 30 days of Subtask issuance	Approve – 30 days	Section C.6.1.1, <i>Project Support Performance Requirements</i> Section H.51, <i>Task Ordering Procedure</i>
T7-004	Waste Generation Forecast	Final Within 30 days of Subtask issuance	Approve – 30 days	Section C.6.2.8, <i>Waste Management</i>
T7-005	Zone 1 Final Soil ROD RAR, D1 to DOE	05/15/2024	**	Section C.3.1, <i>Zone 1 Soils</i> Appendix E of FFA
T7-006	EU-13 PCCR, D1 to DOE	12/05/2024	**	Section C.3.2, <i>Zone 2 Soils</i> Appendix E of FFA
T7-007	EU-16 PCCR, D1 to DOE	12/16/2024	**	Section C.3.2, <i>Zone 2 Soils</i> Appendix E of FFA
T7-008	EUs 20, 21, and 22 PCCR, D1 to DOE	06/27/2025	**	Section C.3.2, <i>Zone 2 Soils</i> Appendix E of FFA
T7-009	EU-30 PCCR Addendum Comment Resolution and document revision, D1 to DOE	10/30/2024	**	Section C.3.2, <i>Zone 2 Soils</i> Appendix E of FFA
T7-010	EU-35 PCCR, D1 Comment Resolution and document revision to DOE	11/21/2024	**	Section C.3.2, <i>Zone 2 Soils</i> Appendix E of FFA
T7-011	EU-38 PCCR, D1 to DOE	03/22/2024	**	Section C.3.2, <i>Zone 2 Soils</i> Appendix E of FFA
T7-012	EU-39 PCCR, D1 to DOE	08/08/2024	**	Section C.3.2, <i>Zone 2 Soils</i> Appendix E of FFA

Table J-7-7. Subtask 7 Deliverables

Number	Deliverable	Deliverable Due Date	DOE Action Response ¹	Reference
T7-015	EU-11 PCCR, D1 to DOE	07/18/2024	**	Section C.3.2, <i>Zone 2 Soils</i> Appendix E of FFA
T7-017	Zone 2 Soil ROD RAR, D1 to DOE	03/04/2026	**	Section C.3.2, <i>Zone 2 Soils</i> Appendix E of FFA
<u>T7-1-001</u>	<u>Performance Measurement Baseline Update for Zone 2 Duct Banks</u>	<u>Final Within 30 days of Subtask 7 Modification award</u>	<u>Approve – 30 days</u>	<u>Section C.6.1.1, Project Support Performance Requirements</u> <u>Section H.51, Task Ordering Procedure</u>
<u>T7-1-002</u>	<u>Integrated Master Schedule Update for Zone 2 Duct Banks</u>	<u>Final Within 30 days of Subtask 7 Modification award</u>	<u>Approve – 30 days</u>	<u>Section C.6.1.1, Project Support Performance Requirements</u> <u>Section H.51, Task Ordering Procedure</u>
<u>T7-1-003</u>	<u>Metrics and Milestone Plan Update for Zone 2 Duct Banks</u>	<u>Final Within 30 days of Subtask 7 Modification award</u>	<u>Approve – 30 days</u>	<u>Section C.6.1.1, Project Support Performance Requirements</u> <u>Section H.51, Task Ordering Procedure</u>
<u>T7-1-004</u>	<u>Waste Generation Forecast Update for Zone 2 Duct Banks</u>	<u>Final Within 30 days of Subtask 7 Modification award</u>	<u>Approve – 30 days</u>	<u>Section C.6.2.8, Waste Management</u>
<u>T7-1-005</u>	<u>Reserved</u>			
<u>T7-1-006</u>	<u>Zone 2 Duct Banks Work Plan/Technical Memorandum, D1 to DOE</u>	<u>9/26/2025</u>	<u>**</u>	<u>Section C.3.2, Zone 2 Soils</u> <u>Appendix E of FFA</u>

Table J-7-7. Subtask 7 Deliverables

Number	Deliverable	Deliverable Due Date	DOE Action Response ¹	Reference
<u>T7-1-007</u>	<u>Zone 2 Duct Banks Phased Construction Completion Report, D1 to DOE</u>	<u>7/15/2026</u>	<u>**</u>	<u>Section C.3.2, Zone 2 Soils</u>

¹The DOE action is defined as follows:

- Approve – The Contractor shall provide the deliverable to DOE for review and approval. DOE will review the deliverable and provide comments or approve as submitted. If necessary, the Contractor shall revise the document to incorporate mandatory DOE comments and resubmit for DOE approval. Once approved by DOE, the deliverable shall be placed under change control with changes requiring DOE approval. It is not intended that editorial changes or corrections that do not alter commitments would require new DOE approval.
- Review – The Contractor shall provide the deliverable to DOE for review. DOE will review the information and will provide comments, as necessary. If necessary, the Contractor shall revise the document to incorporate mandatory DOE comments.
- Information – The Contractor shall provide the deliverable for information purposes only. DOE will review the information and may provide comments. Such comments do not require resolution under the Contract.

*** DOE and Regulatory Actions to follow the standard schedule protocol for primary and secondary documents established per the FFA.*

Acronyms:

AM	Action Memorandum	PCCR	Phased Construction Completion Report
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act of 1980	RA	Remedial Action
D&D	Demolition Preparation & Demolition	RAR	Remedial Action Report
DOE	Department of Energy	RAWP	Remedial Action Work Plan
DSA	Documented Safety Analysis	RDR	Remedial Design Report
EE/CA	Engineering Evaluation/Cost Analysis	ROD	Record of Decision
ETTP	East Tennessee Technology Park	TBD	To be determined
EU	Exposure Unit		
FFA	Federal Facility Agreement		
MOA	Memorandum of Agreement		
OREM	Oak Ridge Office of Environmental Management		

Appendix B.9

The identification of fee risk ownership for both the Government and the Contractor is set forth below.

Subtask 7 Fee Risk Ownership					
Risk ID	Title	Statement of Event	Type	Owner	Planned Mitigation by UCOR
TO-7-03	Ineffective Execution	If project management execution is not effective, in that other DOE program offices contractors or EM prime contractors, or other agreements established under Memorandum of Agreement(s) cannot fulfill DOE's commitments to UCOR, then Subtask schedule and cost performance may be impacted.	Risk	DOE	
TO-7-04	Changes in Security Requirements	If federal security requirements increase, then Subtask cost and schedule performance may be impacted.	Risk	DOE	
TO-7-05	Transportation Interruption	If another DOE prime contractor causes a waste transportation event on the reservation (e.g., spread of contamination) that results in a shutdown of waste transportation, it could impact Subtask cost and schedule performance.	Risk	DOE	

Subtask 7 Fee Risk Ownership					
Risk ID	Title	Statement of Event	Type	Owner	Planned Mitigation by UCOR
TO-7-07	Designated Landfills Unavailable	If waste disposal facilities are not available when needed for waste disposal (e.g., due to unforeseen events such as temporary closure due to violations by another DOE prime contractor, inadequate on-site landfill capacity due to authorization delays for cell expansion, or significant weather event) then, there could be an impact on Subtask cost and schedule performance.	Risk	DOE	
TO-7-09	Unexpected Hazards/Conditions (Differing site conditions)	If differing site conditions are encountered that could not have been reasonably foreseen, then there could be an impact on Subtask schedule and cost performance.	Risk	DOE	
TO-7-13	Regulatory Approval Delayed/Additional Requirements Added	If regulators take longer than the prescribed/planned protocols to approve regulatory documents, or impose additional requirements, then Subtask performance may be impacted.	Risk	DOE	

Subtask 7 Fee Risk Ownership					
Risk ID	Title	Statement of Event	Type	Owner	Planned Mitigation by UCOR
TO-7-15	Delays in internal/external DOE approval of required documents	If DOE takes longer than planned to review/approve documents, due to reasons other than document quality, then Subtask cost and schedule may be impacted. Documents may include: DOE O 413.3B, Contract Award, Design documents, regulatory documents, waste handling plans, project management plans, etc.	Risk	DOE	
TO-7-17	Change in ES&H Requirements - DOE Initiated	If DOE initiates a change to ES&H requirements, then Subtask cost and schedule performance may be impacted.	Risk/ Opportunity	DOE	
TO-7-19	Extreme Weather	If an extreme weather event occurs (e.g., rain, heat, cold/snow, high winds/tornado, earthquake), then Subtask cost, schedule or technical performance may be impacted.	Risk	DOE	
TO-7-21	Industrial Accidents	If an industrial accident by another DOE prime contractor occurs that results in a temporary shutdown of field activities, then there may be impacts to Subtask cost and schedule performance.	Risk	DOE	

Subtask 7 Fee Risk Ownership					
Risk ID	Title	Statement of Event	Type	Owner	Planned Mitigation by UCOR
TO-7-24	Inadequate Infrastructure Space - Non-foreseeable	If local parking, laydown, administrative, training, and changing facilities are not located at or near the job site, due to unforeseeable circumstance, then shuttle bus service may be needed to get workers to the job site, and additional laydown area accommodations may be needed. Subtask cost and schedule performance may be impacted due to cost of alternative measures and lower worker efficiency.	Risk	DOE	
TO-7-26	Non-WAC Compliant Waste - Non-Foreseeable	If waste planned for onsite disposal does not meet the onsite disposal Waste Acceptance Criteria (WAC) due to unforeseeable circumstance, then treatment/off-site disposal may be required.	Risk	DOE	
TO-7-31	Supply Chain - Material/Equipment Availability - Non-foreseeable	If unforeseeable supply chain issues impact material/equipment availability or lead times, then Subtask cost and schedule may be impacted.	Risk	DOE	
TO-7-32	Supply Chain - Material/Equipment Availability - Foreseeable	If foreseeable supply chain issues impact material/equipment availability or lead times, then Subtask cost and schedule may be impacted.	Risk	UCOR	

Subtask 7 Fee Risk Ownership					
Risk ID	Title	Statement of Event	Type	Owner	Planned Mitigation by UCOR
TO-7-33	Change in Planned Quantities Needed	If planned quantities or work processes changes (i.e., materials, characterization/ verification samples, waste/soil volumes, maintenance actions) differ from estimates, then Subtask cost and schedule performance may be impacted.	Risk/ Opportunity	Shared	+/- \$750K change due to volume change for SubCLIN 000370 <u>“Soil Remediation Planned Volumes”</u>
TO-7-36	Contaminated Equipment Not Releasable - Non-foreseeable	If release conditions cannot be met due to unforeseeable and unpreventable conditions, then non-government equipment may need to be dispositioned and purchased by DOE.	Risk/ Opportunity	DOE	
TO-7-39	Change in Mission or Policy - DOE Initiated	If DOE initiates mission or policy requirements change, then Subtask cost and schedule performance may be impacted. Includes other than ES&H related, for example - cyber security.	Risk/ Opportunity	DOE	
TO-7-41	Insufficient Waste Storage/Treatment Non-Foreseeable	If permitted waste storage facilities or treatment options are insufficient/ineffective and unforeseeable, then Subtask cost and schedule may be impacted.	Risk	DOE	

Subtask 7 Fee Risk Ownership					
Risk ID	Title	Statement of Event	Type	Owner	Planned Mitigation by UCOR
TO-7-43	NHPA Impacts Non-foreseeable	If National Historic Preservation Act (NHPA) reviews by the Tennessee State Historic Preservation Officer (SHPO) or the Council take longer than the Historic Preservation Plan (HPP) prescribed protocols, such as the Section 106 Recordation, Interpretation and Documentation for the demolition of a facility, or there is disagreement with the recommended interpretive effort then Subtask performance may be impacted.	Risk	DOE	