

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

1. Task Order Number: 89303523FEM400032	2. Task Order Revision Number: 15
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.4
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 Cleanup Contract 89303322DEM000067/  
89303322DEM000067/89303523FEM400032

United Cleanup Oak Ridge LLC (UCOR)

Subtask No: 000361

Subtask 6-1: *Y-12 Former Mercury Use Facilities and Bear Creek Valley  
Priorities – Phase I, Subtask 1,  
Y-12 Operations and Cleanup End States*



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

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## **Section B – Supplies or Services and Prices/Costs**

This Subtask work shall be performed under Contract Line Item Number (CLIN)-00003 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**

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

- (1) This is a Cost-Plus-Incentive-Fee type Subtask. 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 Subtask are:

**See Appendix B.2 for additional details**

Target Cost: \$343,207,50\* \*\*

\* \$343,207,50 includes non-fee bearing costs of \$2,144,375 for government furnished property. The fee-bearing costs for the calculation of fee below is \$341,063,125.

\*\* A cost no fee true up based on an escalation variation of +/- 2% will be conducted on an annual fiscal year basis at the master contract level if determined necessary by either party.

Target Fee: \$27,285,050

Maximum Fee (15%): \$51,159,469 \*

\* Includes PMI of \$15,347,841 so remaining Maximum Fee is \$35,811,628.

Minimum Fee (3.67%): \$12,513,299 \*

- \* Minimum Fee is only applicable to Performance Milestones that must be completed to earn fee.

i. Cost Incentive

Target Cost: \$341,063,125\*

Target Fee: \$5,729,861

Maximum Fee: \$10,743,488

Minimum Fee: N/A

\* Actual fee earned will be prorated based on final cost at completion.

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 subtask 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 (See Appendix B.2 for max amount) or less than \$0.

ii. Schedule Incentive

Target Fee: \$1,909,954\*

Maximum Fee: \$3,581,163

Minimum Fee: N/A

\* Note the fee amount will be calculated on a prorated daily basis from the max fee due date through the target fee due date. No fee will be available beyond the target fee due date.

iii. Performance Incentive

Target Fee: \$15,776,455\* \*\*

Maximum Fee: \$21,486,977

Minimum Fee: \$12,513,299

\* Earned upon completion/no clawback

\*\* Includes Performance Milestones not authorized until **TBD** dates are negotiated.

(2) The Total Estimated Cost and Fee of the Task Order, and/or the Total Estimated Cost and Fee of the Task Order Contract Line Items, is as follows:

**Table B-1. Task Order CLIN Structure**

CLIN/ SubCLIN	CLIN/SubCLIN Title	CLIN Type	Target Cost	Target Fee	Fee Increase/Decrease Ratio
00003	ORRCC End State Task Order 89303322DEM000067 /89303523FEM40003 2				
00361	Subtask 6-1: Y-12 Operations and Cleanup End States	CPIF	\$343,207,500*	\$27,285,050	As described in Subtask 6-1, Section B.2(c)(1). See Appendix B.2 for additional details.
	Subtask 6-1: Y-12 Operations and Cleanup End States – Beta 4 ( <b>PRICED OPTION</b> )	CPIF	\$343,207,500**	\$27,285,050	As described in Subtask 6-1, Section B.2(c)(1). See Appendix B.2 for additional details. <b>(AUTHORIZED ONCE OPTION IS EXERCISED)</b>
<b>Acronyms:</b> CPIF    Cost Plus Incentive Fee Y-12    Y-12 National Security Complex					

\* Included non-fee bearing costs of \$2,144,375 for government furnished property. The fee-bearing costs for the calculation of fee is \$341,063,125.

*This Subtask is subject to reopening pending receipt of audit of UCOR currently in process by an auditing firm retained by DOE. Therefore, the parties agree that the Total Subtask Estimated Value 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 price 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 Total Subtask Estimated Value shall be resolved in accordance with the Disputes Clause of the Contract.*

*\*\* Priced scope will be authorized once an agreement on schedule is reached.*

(3) Payment of fee shall be made in accordance with the 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) 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 subtask will be paid after completion criteria is validated by OREM.

## **B.9 Basis for Change**

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

## **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.

## **Section C – Performance Work Statement**

### **C.1 Subtask Requirements**

The Contractor shall perform the requirements in accordance with the Master IDIQ Contract and Task Order 89303322DEM000067/89303523FEM400032 and the information included below:

#### **PERFORMANCE BASED STATEMENT OF WORK**

#### **Subtask 6-1: Y-12 Operations and Cleanup End States**

### **1.0 INTRODUCTION**

This is an End States Subtask. Key desired outcomes for risk and environmental liability reduction include:

- Excess contaminated facilities de-inventoried of contaminants of concern that include Asbestos, Mercury, Lead, Beryllium, and Uranium.
- Contaminant Load Remediated from identified areas of Soil and Other Environmental Media.
- Excess contaminated facilities demolished.
- Footprint reduction/acres remediated and transferred to NNSA as vital space for ongoing site missions.
- Remedial Site Evaluation of Bear Creek Valley complete, interim removal action complete for Bear Creek Valley North Tributary-8, and regulatory decision documents approved for remediation of Bear Creek Valley Burial Grounds and White Wing Scrap Yard.

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**

Since its inception in 1943, the U.S. Department of Energy (DOE) Oak Ridge Reservation (ORR)'s Y-12 National Security Complex (Y-12) sites has supported a variety of DOE missions including weapons development and production, science and energy research, and isotope and nuclear fuel production. Today Y-12, managed and operated by DOE's National Nuclear Security Administration (NNSA), is an enduring site performing key DOE missions. Environmental liabilities from past DOE Oak Ridge activities remain to be addressed. To reduce environmental safety and health risk, numerous excess contaminated facilities at Y-12 must be demolished and sites with contaminated environmental media require remediation. Mercury is the prevalent legacy contaminant at Y-12, but beryllium, uranium, and other chemicals are also present. Y-12 also includes DOE's Office of Environmental Management (EM) operating facilities that support waste treatment and disposal and environmental compliance.

One of DOE's strategic goals is to clean up the nation's Manhattan Project and Cold War legacies in compliance with laws and regulations. To accomplish this goal, DOE must reduce its environmental liabilities through accelerated cleanup of high-risk areas, thereby reducing risk and financial liability and returning land for its projected future use. Accelerated cleanup (i.e., accomplishing cleanup faster and more efficiently than planned) is a cooperative undertaking that requires the Contractor and the Government to seek innovative approaches to achieve the end states.

The scope of this task order includes accelerated cleanup of the highest priority excess contaminated facilities and sites at Y-12 while continuing critical ongoing waste treatment and disposal operations. DOE and the ORRCC Contractor have partnered to



reach agreement on the scope of work, completion objectives, and risk and mitigation ownership for the task order

### 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:

#### Subtask 1:

- **C.3.2 Y-12 Cleanup**
  - C.3.2.2 Beta 4 (9204-4) Complex (\*\*PRICED OPTION)**
    - C.3.2.2.2 Preparation for Demolition (select activities)
  - C.3.2.4 Alpha 4 (9201-4) Complex**
    - C.3.2.4.1 Characterization (select activities)
    - C.3.2.4.2 Preparation for Demolition (select activities)
  - C.3.2.5 Alpha 2 (9201-2) Complex**
    - C.3.2.5.2 Preparation for Demolition
  - C.3.2.7 Beta 1 Complex**
    - C.3.2.7.2 Preparation for Demolition
  - C.3.2.17 9401-1 Facility**
    - C.3.2.17.3 Demolition
  - C.3.2.19 Bear Creek Valley Burial Grounds Record of Decision**
  - C.3.2.24 Bear Creek Valley White Wing Scrap Yard Record of Decision**
  - C.3.2.26 UEFPC Soils Remedial Action**
    - C.3.2.26.1 Upper East Fork Poplar Creek Soils – Remedial Action (Characterization of Select EUs, as specified below)
  - C.3.2.27 Bear Creek Valley NT-8 Action Memo and Removal Action**
    - C.3.2.27.1 Bear Creek Valley NT-8 – Remedial Action (select activities)
- **C.5.4 Y-12 Surveillance and Maintenance of EM Facilities and Sites and Environmental Monitoring**
  - C.5.4.1 Y-12 Surveillance and Maintenance
  - C.5.4.2 Y-12 Environmental Monitoring
- **C.5.5 CERCLA Disposal Facilities and ORR Landfills Management and Operations**
  - C.5.5.1 EMWMF
  - C.5.5.2 ORR Landfills

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:

Subtask 6-1 Assumptions and Completion Criteria		
PWS Subsection	Completion Criteria	Assumptions
C.3.2.2 Beta 4 (9204-4) <i>Complex Demo Prep</i> (** <b>PRICED OPTION</b> )	<ul style="list-style-type: none"> <li>• Complete initial Preparation for Demolition activities, including: <ul style="list-style-type: none"> <li>– Mobilization;</li> <li>– Cold and dark, combustible removal and temporary power;</li> <li>– Initial Beryllium investigations and cleanup/decontamination;</li> <li>– Structural evaluation of building and compensatory measures;</li> <li>– Procurement and receipt of waste containers for deactivation waste disposal;</li> <li>– Regulatory document preparation and approval; and,</li> <li>– Project management and project support through completion of initial Preparation for Demolition activities.</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• The facility complex shall be prepared for open air demolition.</li> <li>• The following facilities from Master IDIQ Section C are excluded: <ul style="list-style-type: none"> <li>– OD-7, Building 9811-1 RCRA Tank Storage Area</li> <li>– OD-9, Building 9811-8 Waste Oil/Solvent Storage Area</li> </ul> </li> <li>• Assume facilities will be outside of Perimeter Intrusion Detection and Assessment System (PIDAS) in September 2025.</li> <li>• Regulatory documents include a specific addendum to the RDR/RmAWP plan that covers both the Prep for Demolition and Demolition end states.</li> </ul>

Subtask 6-1 Assumptions and Completion Criteria		
PWS Subsection	Completion Criteria	Assumptions
C.3.2.4 Alpha 4 (9201-4) <i>Complex Char/Demo Prep</i>	<ul style="list-style-type: none"> <li>• Complete Deactivation Characterization.</li> <li>• Continue to prepare the Alpha-4 Complex for Demolition by completing all remaining sanitization and equipment removal activities to obtain Declassification approval for the facility.</li> <li>• Procure and receive waste containers required for 18-months of deactivation waste disposal.</li> <li>• Provide facility inspection and maintenance.</li> </ul>	<ul style="list-style-type: none"> <li>• The facility complex shall be prepared for open air demolition.</li> <li>• Scope includes the Y701630 pedestrian bridge.</li> <li>• The creation of no-path-to-disposal waste will be prevented or minimized.</li> <li>• Collaboration with DOE project management, waste management SMEs, and regulatory affairs SMEs will identify acceptable paths forward for Alpha-4 waste items included in Master IDIQ Attachment J-12, Difficult to Disposition Waste and no-path-waste including but not limited to storage and/or variance request preparation and submittal.</li> <li>• Recovered mercury will be dispositioned or relocated to approved storage area(s).</li> <li>• Prep for demo activities in Alpha 4 may continue inside PIDAS with Alpha-5 and Beta-4 prep for demo activities prioritized, once WEPAR progress places Alpha-5 and Beta-4 outside PIDAS.</li> </ul>

<b>Subtask 6-1 Assumptions and Completion Criteria</b>		
<b>PWS Subsection</b>	<b>Completion Criteria</b>	<b>Assumptions</b>
<i>C.3.2.5 Alpha 2 (9201-2) Complex</i>	<ul style="list-style-type: none"> <li>Complete Preparation for Demolition end state described in ORRCC End State Task Order Section C.3 and support DOE with obtaining Critical Decision approval for Demolition.</li> </ul>	<ul style="list-style-type: none"> <li>The slabs and subsurface structures shall remain for a future remedial action, except for inaccessible basement areas identified for excavation in the applicable RmAWP.</li> <li>Exterior ACM has been removed, except where the Y-12-owned utility re-route prevented access.</li> <li>Facility complex will be prepared for open air demolition.</li> </ul>
<i>C.3.2.7 Beta 1 (9204-1) Complex</i>	<ul style="list-style-type: none"> <li>Complete Preparation for Demolition end states described in ORRCC End State Task Order Section C.3, including removal and disposition of process equipment and piping from basement areas, stabilization of basement areas with CLSM in preparation for demolition, and supporting DOE with obtaining CD approval for Demolition, if applicable.</li> <li>Provide Project management and support through completion of the Preparation for Demolition end state.</li> </ul>	<ul style="list-style-type: none"> <li>The slabs and subsurface structures shall remain for a future remedial action, except for inaccessible basement areas identified for excavation in the applicable RmAWP.</li> <li>Exterior ACM has been removed, except where the Y-12-owned utility re-route prevented access.</li> <li>Facility will be prepared for open air demolition.</li> <li>Repairs will be needed to support waste hauling across E Street prior to the start of demolition and after demolition.</li> </ul>
<i>C.3.2.17 9401-01 Facility</i>	<ul style="list-style-type: none"> <li>Complete Demolition end state described in ORRCC End State Task Order Section C.3 and desired outcome described in Master IDIQ C.3.2.17.</li> </ul>	<ul style="list-style-type: none"> <li>The slab shall remain for a future remedial action.</li> <li>Exterior ACM has been removed, except where the Y-12-owned utility re-route prevented access.</li> </ul>
<i>C.3.2.19 BCV Burial Ground Record of Decision</i>	<ul style="list-style-type: none"> <li>Complete desired outcome described in ORRCC End State Task Order Section C.3.2.19.</li> </ul>	

<b>Subtask 6-1 Assumptions and Completion Criteria</b>		
<b>PWS Subsection</b>	<b>Completion Criteria</b>	<b>Assumptions</b>
<i>C.3.2.24 Bear Creek Valley White Wing Scrap Yard Record of Decision</i>	<ul style="list-style-type: none"> <li>Complete desired outcome described in ORRCC End State Task Order Section C.3.2.24.</li> </ul>	<ul style="list-style-type: none"> <li>Includes vegetation removal.</li> </ul>
<i>C.3.2.26 UEFPC Soils Remedial Action (Select EUs)</i>	<ul style="list-style-type: none"> <li>Complete Remedial Action characterization described in ORRCC End State Task Order Section C.3 for EUs-1A, EU-1B, EU-02, and EU-03.</li> <li>Revise CERCLA documentation (e.g., RDR/RAWP Addendum and Explanation of Significant Differences) as necessary for DOE and regulatory approval.</li> </ul>	<ul style="list-style-type: none"> <li>Evaluation of ROD boundaries and Clean Parcel Determinations and a gap analysis will be performed to ensure no areas exist that are not covered under CERCLA.</li> <li>Planning for remaining EUs will be completed based on OREM/Y-12 priorities and phased approach to soil remedial actions. Sub-EUs will be proposed as appropriate for planning purposes but maintaining EU-wide risk evaluation.</li> <li>Regulatory agreement will be obtained to include EUs 15, 16, and 17 into UEFPC ROD and/or determine as candidates for Clean Parcel Determination.</li> <li>Phased Construction Completion Reports are not required for EU characterization.</li> </ul>
<i>C.3.2.27 BCV NT-8 Action Memo and Removal Action</i>	<ul style="list-style-type: none"> <li>Complete regulatory documentation (Action Memorandum, Removal Action Work Plan) in preparation for a CERCLA Removal Action to achieve the desired outcome described in ORRCC End State Task Order Section C.3.2.27.</li> </ul>	<ul style="list-style-type: none"> <li>Technical approach to Removal Action shall not result in the generation of listed RCRA waste (F, P, U, or K codes), nor waste without an identified path to disposal.</li> </ul>

<b>Subtask 6-1 Assumptions and Completion Criteria</b>		
<b>PWS Subsection</b>	<b>Completion Criteria</b>	<b>Assumptions</b>
<i>C.5.4.1 Y-12 Surveillance and Maintenance of EM Facilities and Sites</i>	<ul style="list-style-type: none"> <li>Continue responsibility for operational activities described in ORRCC End State Task Order Section C.5.4.1 through December 24, 2028.</li> </ul>	
<i>C.5.4.2 ORR Water Quality Program</i>	<ul style="list-style-type: none"> <li>Continue responsibility for operational activities described in ORRCC End State Task Order Section C.5.4.2 through December 24, 2028.</li> <li>Complete BV RIWP Phase 1 Groundwater work.</li> </ul>	
<i>C.5.5.1 CERCLA Disposal Facilities Management and Operations</i>	<ul style="list-style-type: none"> <li>Continue operational activities for the EMWMF described in ORRCC End State Task Order Section C.5.5.1 through December 24, 2028.</li> <li>Complete Remedial Site Evaluation of Bear Creek Valley.</li> </ul>	<ul style="list-style-type: none"> <li>Operations for the EMDF are not included in this task order.</li> <li>Includes acquisition of the following equipment following completion of make versus buy decision analysis: <ul style="list-style-type: none"> <li>10 units, Power Distribution Center (H14)</li> <li>2 units, Ventrac Slope Mower (H37)</li> <li>1 unit, CAT D5 LGP (H37)</li> <li>1 unit, CAT Mini-Ex (Excavator) 313 (H37)</li> <li>1 unit, CAT D6 LGP Dozer (H37)</li> <li>1 unit, CAT 966 Loader (H37)</li> </ul> </li> </ul>
<i>C.5.5.2 ORR Landfills Management and Operations</i>	<ul style="list-style-type: none"> <li>Continue operational activities for the ORR landfills described in ORRCC End State Task Order Section C.5.5.2 through December 24, 2028.</li> </ul>	

#### **4.0 APPLICABLE DIRECTIVES**

In addition to the Directives included in the Master IDIQ Contract, additional Directives are included in Attachment J-2-6-1 to this Subtask.

#### **5.0 INTERFACES**

In addition to the Interfaces included in the Master IDIQ Contract, additional Interfaces are included in Attachment J-3-6-1 to this Subtask.

#### **6.0 DELIVERABLES**

In addition to the Deliverables included in the Master IDIQ Contract, additional Deliverables are included in Attachment J-7-6-1 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, additional GFS/I are included in Attachment J-8-6-1 to this Subtask.

#### **8.0 PERFORMANCE OBJECTIVES AND STANDARDS**

Fee will be determined upon completion of the End State requirements in Section 3.0 and work scope/completion criteria as follows:

Subtask 6-1 Y-12 Operations and Cleanup End States	
End State Requirement	Work Scope/Completion Criteria
Complete initial PWS C.3.2.2.1 <i>Beta 4 (9204-4) Complex - Preparation for Demolition</i> activities (** <b>PRICED OPTION</b> ).	<ul style="list-style-type: none"> <li>• Mobilization;</li> <li>• Cold and dark and temporary power;</li> <li>• Combustible removal, including DOE fire protection walkdowns and removal of checklist items identified during those walkdowns.</li> <li>• Initial Beryllium investigations and cleanup/decontamination;</li> <li>• Structural evaluation of building and compensatory measures, including providing engineering resources to effectively evaluate structural stability;</li> <li>• Procurement and receipt of waste containers for deactivation waste disposal;</li> <li>• Regulatory document preparation and approval; and,</li> <li>• Project management and project support through completion of initial Preparation for Demolition activities.</li> </ul>
Complete PWS C.3.2.4.1 <i>Alpha 4 (9201-4) Complex - Characterization</i> end state.	<ul style="list-style-type: none"> <li>• Complete Deactivation Characterization.</li> </ul>
Continue C.3.2.4.2 <i>Alpha 4 (9201-4) Complex - Preparation for Demolition</i> to complete Facility Declassification.	<ul style="list-style-type: none"> <li>• Continue to prepare the Alpha-4 Complex for Demolition by completing all remaining sanitization and equipment removal activities to obtain Declassification approval for the facility.</li> <li>• Complete declassification and sanitizing of materials and/or components and disposition of associated waste.</li> <li>• Procure and receive waste containers required for 18-months of deactivation waste disposal.</li> </ul>



<b>Subtask 6-1 Y-12 Operations and Cleanup End States</b>	
<b>End State Requirement</b>	<b>Work Scope/Completion Criteria</b>
Complete PWS C.3.2.5.2 <i>Alpha 2 (9201-2) Complex – Preparation for Demolition</i> end state.	<ul style="list-style-type: none"> <li>• Complete Preparation for Demolition end state described in ORRCC End State Task Order Section C.3 and support DOE with obtaining Critical Decision approval for Demolition.</li> <li>• Provide Project management and support through completion of the Preparation for Demolition end state.</li> <li>• Complete exterior asbestos abatement.</li> <li>• Complete disposition of exterior abatement waste.</li> </ul>
Complete PWS C.3.2.7.2 <i>Beta 1 (9204-1) Complex – Preparation for Demolition</i> end state.	<ul style="list-style-type: none"> <li>• Complete Preparation for Demolition end states described in ORRCC End State Task Order Section C.3, including stabilization of basement areas with CLSM in preparation for demolition and supporting DOE with obtaining CD approval for Demolition, if applicable.</li> <li>• Complete stabilization of the basement/below-grade spaces and areas where slab has been removed to support demolition equipment and safety requirements for future building demolition.</li> <li>• Complete necessary coordination activities with CNS/Y-12 to ensure requisite utility reroutes are completed to enable future demolition of Beta-1.</li> <li>• Provide Project management and support through completion of the Preparation for Demolition end state.</li> </ul>

<b>Subtask 6-1 Y-12 Operations and Cleanup End States</b>	
<b>End State Requirement</b>	<b>Work Scope/Completion Criteria</b>
Complete PWS C.3.2.17.3 <i>9401-01 Facility – Demolition</i> end state.	<ul style="list-style-type: none"> <li>• Complete Demolition end state described in ORRCC End State Task Order Section C.3 to achieve the desired outcome described in ORRCC End State Task Order Section C.3.2.17.</li> <li>• Complete building demolition to slab and complete shipping and disposal of all building waste debris/materials.</li> <li>• Complete any additional water management as necessary.</li> <li>• Place remaining slab and demolition area into a safe condition, removing or improving berms, if necessary for maintaining safe conditions.</li> <li>• Install riprap or gravel for stormwater management if necessary and to place the site in a safe condition for potential future RA work or use by Y-12.</li> </ul>
Complete PWS C.3.2.19 <i>BCV Burial Ground Record of Decision</i> end state.	<ul style="list-style-type: none"> <li>• Complete desired outcome described in ORRCC End State Task Order Section C.3.2.19.</li> </ul>
Complete PWS C.3.2.24 <i>Bear Creek Valley White Wing Scrap Yard Record of Decision</i> end state.	<ul style="list-style-type: none"> <li>• Complete desired outcome described in ORRCC End State Task Order Section C.3.2.24.</li> </ul>
Continue PWS C.3.2.26 <i>UEFPC Soils Remedial Action</i> regulatory documentation and characterization of select exposure units (EUs).	<ul style="list-style-type: none"> <li>• Complete Remedial Action characterization described in ORRCC End State Task Order Section C.3 for EUs-1A, EU-1B, EU-02, and EU-03.</li> <li>• Obtain regulatory approval of a Technical Memorandum for each EU.</li> <li>• Revise CERCLA documentation (e.g., RDR/RAWP Addendum and Explanation of Significant Differences) as necessary for DOE and regulatory approval.</li> </ul>
Continue PWS C.3.2.27 <i>BCV NT-8 Action Memo and Removal Action</i> through approval of the Action Memorandum and Removal Action Work Plan.	<ul style="list-style-type: none"> <li>• Complete regulatory documentation (Action Memorandum, Removal Action Work Plan) in preparation for a CERCLA Removal Action to achieve the desired outcome described in ORRCC End State Task Order Section C.3.2.27.</li> </ul>

<b>Subtask 6-1 Y-12 Operations and Cleanup End States</b>	
<b>End State Requirement</b>	<b>Work Scope/Completion Criteria</b>
Continue PWS C.5.4.1 <i>Y-12 Surveillance and Maintenance of EM Facilities and Sites</i> through December 24, 2028.	<ul style="list-style-type: none"> <li>Continue responsibility for operational activities described in ORRCC End State Task Order Section C.5.4.1 through December 24, 2028.</li> </ul>
Continue PWS C.5.4.2 <i>ORR Water Quality Program</i> through December 24, 2028.	<ul style="list-style-type: none"> <li>Continue responsibility for operational activities described in ORRCC End State Task Order Section C.5.4.2 through December 24, 2028.</li> <li>Complete BV RIWP Phase 1 Groundwater work.</li> </ul>
Continue PWS C.5.5.1 <i>CERCLA Disposal Facilities Management and Operations</i> through December 24, 2028.	<ul style="list-style-type: none"> <li>Continue operational activities for the EMWMF described in ORRCC End State Task Order Section C.5.5.1 through December 24, 2028.</li> <li>Complete Remedial Site Evaluation of Bear Creek Valley.</li> </ul>
Continue PWS C.5.5.2 <i>ORR Landfills Management and Operations</i> through December 24, 2028.	<ul style="list-style-type: none"> <li>Continue operational activities for the ORR landfills described in ORRCC End State Task Order Section C.5.5.2 through December 24, 2028.</li> </ul>

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, as applicable. The performance objectives and standards are as follows:

<b>Subtask Number and Description</b>	
<b>Objectives</b>	<b>Standard</b>
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

<b>Subtask Number and Description</b>	
<b>Objectives</b>	<b>Standard</b>
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

## **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 Task Order 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 from November 27, 2023 through January 21, 2032. The Contractor is expected to accomplish all of the completion criteria as defined in Section C within and/or at the end of the Subtask period of performance (POP).
- (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
    - (A) Name: John Phelps
    - (B) Telephone number: 865-576-1147
    - (C) Address: U.S. Department of Energy  
Oak Ridge Office of Environmental Management  
200 Administration Road  
Oak Ridge, TN 37830
    - (D) Email address: [john.phelps@orem.doe.gov](mailto:john.phelps@orem.doe.gov)
    - (E) Name: Karen Shears
    - (F) Telephone number: 865-241-6411

(G) Address: U.S. Department of Energy  
Oak Ridge Office of Environmental Management  
200 Administration Road  
Oak Ridge, TN 37830

(H) Email address: karen.shears@orem.doe.gov

(2) Subtask Contracting Officer's Representative

(A) Name: Brian Henry

(B) Telephone number: 865-241-8340

(C) Address:

U.S. Department of Energy  
Oak Ridge Office of Environmental Management  
200 Administration Road  
Oak Ridge, TN 37830

(D) Email address: Brian.Henry@orem.doe.gov

## **Section H – Special Contract Requirements**

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

None.

## **Section I – Contract Clauses**

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

### **FAR 52.217-7 Option for Increased Quantity-Separately Priced Line Item (Mar 1989)**

The Government may require the delivery of the numbered line item, identified in the Schedule as an option item, in the quantity and at the price stated in the Schedule. The Contracting Officer may exercise the option by written notice to the Contractor within 5 days. Delivery of added items shall continue at the same rate that like items are called for under the contract, unless the parties otherwise agree.

## **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-2 – Directives**

In addition to the following requirements, Attachment J-2 of the Master IDIQ Contract is incorporated by reference:

None.

## **2. Attachment J-3 – Interfaces**

In addition to the following requirements, Attachment J-3 of the Master IDIQ Contract is incorporated by reference:

N/A

## **3. Attachment J-5 – Small Business Subcontracting Goals**

The following goals for this Subtask are appended to the Master Small Business Subcontracting Plan:

**Table J-5-6-1a. Subtask Small Business Subcontracting Goals**

Category	Total to be Subcontracted (\$)	Minimum Small Business Goals as a percent of total subcontracted dollars
<b>Total Subcontracted</b>	\$151,617,306	
Total Small Business Subcontracts	\$68,227,788	45%
Veteran-Owned Small Business (VOSB)	\$4,548,519	3%
Service-Disabled Veteran-Owned Small Business (SDVOSB)	\$4,548,519	3%
Historically Underutilized Business Zone (HUBZone)	\$4,548,519	3%
Small Disadvantaged Business	\$7,580,865	5%
Women-owned Small Business	\$7,580,865	5%

In accordance with Clause H.52, Subcontracted Work, Government-Provided Costs for Reservation Management and Post-Retirement Benefits and Long-Term Disability and Pension Contribution, and costs for the site usage fees provided to other site contractors are included in the Subtask value, but not included in the cumulative Subtask value for subcontracting goals, are provided in Table J-5-6-1b.

**Table J-5-6-1b. Government-Provided Costs Not Included in Subcontracting Goals**

Reservation Management	N/A
Post-Retirement Benefits and Long-Term Disability and Pension Contribution	N/A
Site Usage Fees	N/A
Services Acquired under Parent Organization Support Plan	\$860,656

#### 4. Attachment J-7 – Deliverables

Attachment J-7-6-1, includes the following additional deliverables for this Subtask:

**Table J-7-6. Subtask Deliverables**

Number	Deliverable	Deliverable Due Date	DOE Action Response <sup>1</sup>	Reference
T6-001	Subtask Performance Measurement Baseline	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>
T6-002	Integrated Master Schedule	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-7-6. Subtask Deliverables**

Number	Deliverable	Deliverable Due Date	DOE Action Response <sup>1</sup>	Reference
T6-003	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>
T6-004	Waste Generation Forecast	Final Within 30 days of Subtask issuance	Approve – 30 days	Section C.6.2.8, <i>Waste Management</i>
T6-005	Draft DOE Order 435.1 Annual Summary Report for EMWMF and EMDF to DOE for Review	Annually by January 17	Review – 30 days	C.5.5.1, EMWMF and EMDF
T6-006	DOE Order 435.1 Annual Summary Report for EMWMF and EMDF to DOE for Approval	Annually by March 17	Approve – 180 days	C.5.5.1, EMWMF and EMDF
T6-010	Alpha-4 Addenda for Pre-demolition to <i>Removal Action Work Plan for Y-12 Facilities Deactivation/Demolition Project</i> , D1 to DOE	*TBD	**	Section C.3.2.4, <i>Alpha 4 Complex Characterization/Demo Prep</i> CERCLA and FFA
T6-011	Alpha-4 Waste Handling Plan, D1 to DOE	*TBD	**	Section C.3.2.4, <i>Alpha 4 Complex Characterization/Demo Prep</i> CERCLA and FFA
T6-013	Beta-1 Deactivation PCCR, D1 to DOE	Within 60 days of facility deactivation completion	**	Section C.3.2.7, <i>Beta-1 (9204-1) Complex</i> CERCLA and FFA

**Table J-7-6. Subtask Deliverables**

<b>Number</b>	<b>Deliverable</b>	<b>Deliverable Due Date</b>	<b>DOE Action Response <sup>1</sup></b>	<b>Reference</b>
T6-014	Beta-4 Addenda for Pre-demolition to <i>Removal Action Work Plan for Y-12 Facilities Deactivation/Demolition Project</i> , D1 to DOE	4/6/2028	**	Section C.3.2.2, <i>Beta-4 (9204-4) Complex Char/Demo Prep</i> CERCLA and FFA
T6-016	Y-12 UEFPC Soils EU-1A Technical Memorandum, D1 to DOE	6/7/2029	**	Section C.3.2. 26 <i>UEFPC Soils Remedial Action (Select EUs)</i> CERCLA and FFA
T6-017	Y-12 UEFPC Soils EU-1B Technical Memorandum, D1 to DOE	2/14/2028	**	Section C.3.2. 26 <i>UEFPC Soils Remedial Action (Select EUs)</i> CERCLA and FFA
T6-018	Y-12 UEFPC Soils EU-02 Technical Memorandum, D1 to DOE	5/25/2027	**	Section C.3.2. 26 <i>UEFPC Soils Remedial Action (Select EUs)</i> CERCLA and FFA
T6-019	Y-12 UEFPC Soils EU-03 Technical Memorandum, D1 to DOE	10/21/2027	**	Section C.3.2. 26 <i>UEFPC Soils Remedial Action (Select EUs)</i> CERCLA and FFA
T6-022	NT-8 RmAWP D1 to DOE	7/30/2024	**	Section C.3.2.27, <i>NT-8 Action Memorandum and Removal Action</i> CERCLA and FFA
T6-024	BV Final GW ROD RIWP - New Corehole 8 Wells Installation Completion	By Q2 FY 2025	None	Section C.5.4.2, <i>ORR Water Quality Program</i> CERCLA and FFA
T6-025	CERCLA Five Year Review, D1 to DOE	*Annually	**	Section C.5.4.2, <i>ORR Water Quality Program</i> CERCLA and FFA

**Table J-7-6. Subtask Deliverables**

<b>Number</b>	<b>Deliverable</b>	<b>Deliverable Due Date</b>	<b>DOE Action Response <sup>1</sup></b>	<b>Reference</b>
T6-026	Bear Creek Valley Burial Ground RI/FS (revision), D1 to DOE	RI 1/14/2027 FS 8/27/2027	**	C.3.2.19 <i>BCV Burial Ground Record of Decision</i> CERCLA and FFA
T6-027	Bear Creek Valley Burial Ground PP (revision), D1 to DOE	1/3/2029	**	C.3.2.19 <i>BCV Burial Ground Record of Decision</i> CERCLA and FFA
T6-028	Bear Creek Valley Burial Ground ROD, D1 to DOE	4/11/2030	**	C.3.2.19 <i>BCV Burial Ground Record of Decision</i> CERCLA and FFA
NotT6-030	White Wing Scrap Yard RI/FS, D1 to DOE	RI 4/27/2026 FS 2/11/2027	**	C.3.2.24 <i>Bear Creek Valley White Wing Scrap Yard Record of Decision</i> CERCLA and FFA
T6-031	White Wing Scrap Yard PP, D1 to DOE	3/30/2028	**	C.3.2.24 <i>Bear Creek Valley White Wing Scrap Yard Record of Decision</i> CERCLA and FFA
T6-032	White Wing Scrap Yard ROD, D1 to DOE	5/24/2029	**	C.3.2.24 <i>Bear Creek Valley White Wing Scrap Yard Record of Decision</i> CERCLA and FFA
T6-037	Facility 9401-01 PCCR, D1 to DOE	Within 60 days of facility demolition completion	**	Section C.3.2.17, <i>9401-01 Facility</i> CERCLA and FFA
T6-039	Y-12 UEFPC Soils ROD Explanation of Significant Difference	11/1/2024	**	Section C.3.2. 26 <i>UEFPC Soils Remedial Action (Select EUs)</i> CERCLA and FFA

**Table J-7-6. Subtask Deliverables**

Number	Deliverable	Deliverable Due Date	DOE Action Response <sup>1</sup>	Reference
T6-040	Bear Creek Valley Mercury Source Remedial Site Evaluation D1 to DOE	9/23/2024	**	C.5.5.1, EMWMF and EMDF  CERCLA and FFA

<sup>1</sup> The 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.

**Table J-7-6. Subtask Deliverables**

Number	Deliverable	Deliverable Due Date	DOE Action Response <sup>1</sup>	Reference
<b>Acronyms:</b>				
AM	Action Memorandum	PCCR	Phased Construction Completion Report	
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act of 1980	PP	Proposed Plan	
D&D	Demolition Preparation & Demolition	RA	Remedial Action	
DOE	Department of Energy	RAR	Remedial Action Report	
DSA	Documented Safety Analysis	RAWP	Remedial Action Work Plan	
EE/CA	Engineering Evaluation/Cost Analysis	RDR	Remedial Design Report	
EMDF	Environmental Management Disposal Facility	RDWP	Remedial Design Work Plan	
		RI/FS	Remedial Investigation/Feasibility Study	
		RIWP	Remedial Investigation Work Plan	
EMWMF	Environmental Management Waste Management Facility	RmAWP	Removal Action Work Plan	
EU	Exposure Unit	RmAR	Removal Action Report	
FFA	Federal Facility Agreement	ROD	Record of Decision	
FFS	Focused Feasibility Study	TBD	To be determined	
MOA	Memorandum of Agreement	TM	Technical Memorandum	
NPO	National Nuclear Security Administration Production Office	UEFPC	Upper East Fork Poplar Creek	
NT-8	North Tributary-8			
OREM	Oak Ridge Office of Environmental Management			
** DOE and Regulatory Actions to follow the standard schedule protocol for primary and secondary documents established per the FFA.				

## 5. Attachment J-8 - Government-Furnished Services and Information (GFS/I)

Attachment J-8-6-1 includes the following additional GFS/I for this Subtask:

Attachment J-8-6-1, Subtask Specific GFS/I	
GFS/I	REQUIREMENT
Y-12/CNS utility re-routes required for enduring site mission	DOE will provide utility re-routes required for Y-12 enduring site missions as follows for applicable PWS sections included in the task order scope: <ul style="list-style-type: none"> <li>PWS C.3.2.17, 9401-01 Facility by 8/12/2024..</li> </ul>
National Historic Preservation approval to proceed with demolition.	DOE will obtain approval from the State Historic Preservation Office by 7/16/2024 as required to proceed with the following PWS subsections included in the task order scope: <ul style="list-style-type: none"> <li>PWS C.3.2.17.3, 9401-01 Facility – Demolition.</li> </ul>

### Appendix B.2, Subtask 6-1 Fee Model

Fee Model																																		
Target Cost (Direct)	\$	343,207,500																																
Task Order Non-fee Bearing Cost	\$	2,144,375																																
Task Order Fee Bearing Target Cost	\$	341,063,125																																
	<table><tr><th colspan="2">Fee Calculations</th></tr><tr><th>Percentages</th><th>Amounts</th></tr><tr><td>Min Fee</td><td>0.00% \$ -</td></tr><tr><td>Target Fee</td><td>8.00% \$ 27,285,050</td></tr><tr><td>Max Fee</td><td>15.00% \$ 51,159,469</td></tr></table>				Fee Calculations		Percentages	Amounts	Min Fee	0.00% \$ -	Target Fee	8.00% \$ 27,285,050	Max Fee	15.00% \$ 51,159,469																				
Fee Calculations																																		
Percentages	Amounts																																	
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	<table><tr><th>Fee Description</th><th>Percentages</th><th>Min Fee*</th><th>Target Fee</th><th>Max Fee</th></tr><tr><td>PMI</td><td>30.00%</td><td>\$ -</td><td>\$ 8,185,515</td><td>\$ 15,347,841</td></tr><tr><td>Cost</td><td>21.00%</td><td>\$ -</td><td>\$ 5,729,861</td><td>\$ 10,743,488</td></tr><tr><td>Schedule</td><td>7.00%</td><td>\$ -</td><td>\$ 1,909,954</td><td>\$ 3,581,163</td></tr><tr><td>Performance</td><td>42.00%</td><td>\$ 12,513,299</td><td>\$ 15,776,455</td><td>\$ 21,486,977</td></tr><tr><td>Total</td><td>100.00%</td><td>\$ 12,513,299</td><td>\$ 31,601,784</td><td>\$ 51,159,469</td></tr></table>				Fee Description	Percentages	Min Fee*	Target Fee	Max Fee	PMI	30.00%	\$ -	\$ 8,185,515	\$ 15,347,841	Cost	21.00%	\$ -	\$ 5,729,861	\$ 10,743,488	Schedule	7.00%	\$ -	\$ 1,909,954	\$ 3,581,163	Performance	42.00%	\$ 12,513,299	\$ 15,776,455	\$ 21,486,977	Total	100.00%	\$ 12,513,299	\$ 31,601,784	\$ 51,159,469
Fee Description	Percentages	Min Fee*	Target Fee	Max Fee																														
PMI	30.00%	\$ -	\$ 8,185,515	\$ 15,347,841																														
Cost	21.00%	\$ -	\$ 5,729,861	\$ 10,743,488																														
Schedule	7.00%	\$ -	\$ 1,909,954	\$ 3,581,163																														
Performance	42.00%	\$ 12,513,299	\$ 15,776,455	\$ 21,486,977																														
Total	100.00%	\$ 12,513,299	\$ 31,601,784	\$ 51,159,469																														
i. Cost Incentive																																		
Contractor Share			21.00%																															
30%																																		
Cost incentive portion of C,S,P Incentive Fee	Min Fee	Target Fee	Max Fee																															
Cost Incentive Range	\$ -	\$ 5,729,861	\$ 10,743,488																															
Final Cost for Fee Earning*	\$ 360,162,660	\$ 341,063,125	\$ 324,351,032																															
*Provided as a range, actual fee earned will be calculated based on final cost at completion.																																		

ii. Schedule Incentive			
Schedule incentive portion of C,S,P Incentive Fee	Fieldwork Fee %	Regulatory Paperwork Fee %	7.00%
	67%	33%	
	Min Fee	Target Fee	Max Fee
Schedule Incentive Range - Fieldwork (67%)	\$ -	\$ 1,273,302	\$ 2,387,442
Schedule Incentive Range - Paperwork - Reg (33%)	\$ -	\$ 636,651	\$ 1,193,721
Schedule Incentive Range	\$ -	\$ 1,909,954	\$ 3,581,163
Completion Date for Fee Earning-Fieldwork	N/A	9/7/2027	3/11/2027
Completion Date for Fee Earning-Paperwork-Reg	N/A	1/21/2032	7/25/2031
Note the fee amount will be calculated on a prorated daily basis from the max fee due date through the target fee due date. No fee will be available beyond the target fee due date			



iii. Performance Incentive								
Performance incentive portion of C,S,P Incentive Fee	Interim Fee %	Endstate Fee %	42.00%					
	70%	30%						
	Min Fee	Target Fee	Max Fee					
	Performance Incentive Range Interim	\$ 10,794,341	\$ 12,338,538	\$ 15,040,884				
	Performance Incentive Range Endstate	\$ 1,718,958	\$ 3,437,916	\$ 6,446,093				
Performance Incentive Range	\$ 12,513,299	\$ 15,776,455	\$ 21,486,977					
TO-06 Subtask 1 Interim Fee (70%)								
Interim/Progress Fee	Min Fee Due Date	Target Fee Due Date	Max Fee Due Date	Weighting	Complete Date (TBD)	Minimum Available Fee Amount	Target Fee Available Fee Amount	Max Fee Available Fee Amount
Strategic Plan for UEFPC ROD EU Boundary Changes/RAWP Addendum		7/31/2024		3.00%		\$ 451,227	\$ 451,227	\$ 451,227
UEFPC Phase II ROD ESD		10/1/2024		3.00%		\$ 451,227	\$ 451,227	\$ 451,227
UEFPC EU-1A D2 Tech Memo Approval		1/9/2030		3.00%		\$ 451,227	\$ 451,227	\$ 451,227
UEFPC EU-1B D2 Tech Memo Approval		9/12/2028		3.00%		\$ 451,227	\$ 451,227	\$ 451,227
UEFPC EU-2 D2 Tech Memo Approval		12/27/2028		3.00%	N/A	\$ 451,227	\$ 451,227	\$ 451,227
UEFPC EU-3 D2 Tech Memo Approval		5/23/2028		4.00%		\$ 601,635	\$ 601,635	\$ 601,635
NT-8 RmAWP D1		9/30/2024		1.50%	N/A	\$ 225,613	\$ 225,613	\$ 225,613
BCBG RIWP D1		10/9/2024		1.50%		\$ 225,613	\$ 225,613	\$ 225,613
BCBG RI & FS D1		9/13/2027		1.50%	N/A	\$ 225,613	\$ 225,613	\$ 225,613
BCBG Proposed Plan D1		1/3/2029		1.50%		\$ 225,613	\$ 225,613	\$ 225,613
BCBG ROD D1		4/11/2030		2.50%	N/A	\$ 376,022	\$ 376,022	\$ 376,022
WWSY RIWP D1		2/22/2024		1.50%		\$ 225,613	\$ 225,613	\$ 225,613
WWSY RI & FS D1		2/11/2027		1.50%	N/A	\$ 225,613	\$ 225,613	\$ 225,613
WWSY Proposed Plan D1		4/6/2028		1.50%	N/A	\$ 225,613	\$ 225,613	\$ 225,613
WWSY ROD D1	9/29/2029	6/1/2029	12/3/2028	2.50%	N/A	\$ 100,273	\$ 200,545	\$ 376,022
Alpha-2 Preparation for Demolition Complete		10/15/2024		3.00%	N/A	\$ 451,227	\$ 451,227	\$ 451,227
Alpha 2 Demo CD-2/3 Approval	7/1/2024	6/1/2024	4/17/2024	1.50%		\$ 60,164	\$ 120,327	\$ 225,613
Beta-1 Preparation for Demolition Complete	10/19/2025	8/20/2025	5/22/2025	10.50%		\$ 421,145	\$ 842,289	\$ 1,579,293
Beta-4 RmAWP D1		TBD		3.50%		\$ 526,431	\$ 526,431	\$ 526,431
Beta-4 Cold and Dark Complete		TBD		10.50%		\$ 1,579,293	\$ 1,579,293	\$ 1,579,293

Beta 4 Initial Be Decon Complete		TBD		8.50%	N/A	\$ 1,278,475	\$ 1,278,475	\$ 1,278,475
Alpha 4 Process Equipment Characterization Complete	TBD	TBD	TBD	10.50%		\$ 421,145	\$ 842,289	\$ 1,579,293
Alpha 4 Declassification Complete	TBD	TBD	TBD	13.50%		\$ 541,472	\$ 1,082,944	\$ 2,030,519
9401-1 Demolition Complete		11/30/2027		4.00%		\$ 601,635	\$ 601,635	\$ 601,635
Total				100.00%		\$ 10,794,341	\$ 12,338,538	\$ 15,040,884
*Activity not based on a date for award amount. However, fee is not eligible for award after the TO Period of Performance.								
TO-06 Subtask 1 End State/Completion Fee (30%)								
	Min Fee Due Date	Target Fee Due Date	Max Fee Due Date	Weighting	Fieldwork Complete	Minimum Available Fee Amount	Target Fee Available Fee Amount	Max Fee Available Fee Amount
TO-06 Subtask 1 Cleanup Completed	1/5/2028	9/7/2027	3/11/2027	70%	9/7/2027	\$ 1,203,271	\$ 2,406,541	\$ 4,512,265
TO-06 Subtask 1 RA/Regulatory Docs Approvals Complete	5/20/2032	1/21/2032	7/25/2031	30%	1/21/2032	\$ 515,687	\$ 1,031,375	\$ 1,933,828
Total						\$ 1,718,958	\$ 3,437,916	\$ 6,446,093

TO5 Subtask 1 Example Summary			
	Minimum Fee	Target Fee	Max Fee
Total Estimated Direct Cost:	\$ 360,162,660	\$ 341,063,125	\$ 324,351,032
Cost Incentive Fee:	\$ -	\$ 5,729,861	\$ 10,743,488
Schedule Incentive Fee:	\$ -	\$ 1,909,954	\$ 3,581,163
Performance Incentive Fee:	\$ 12,513,299	\$ 15,776,455	\$ 21,486,977
PMI Fee:	\$ -	\$ 8,185,515	\$ 15,347,841
Total Estimated Price (Direct Cost + Fee):	\$ 372,675,959	\$ 372,664,909	\$ 375,510,501
Total Fee:	\$ 12,513,299	\$ 31,601,784	\$ 51,159,469
Total Fee %*:	3.47%	9.27%	15.77%

\*Total Fee % is based on estimated price, and does not exceed the maximum fee percentage of 15% on the target cost per the contract.

Appendix B.9

Appendix B.9, Subtask 6-1 Fee Risk Ownership

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

Subtask 6-1 Fee Risk Ownership				
Risk ID	Title	Statement of Event	Type	Owner
TO-6-03	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-6-04	Changes in Security Requirements	If federal security requirements increase, then Subtask cost and schedule performance may be impacted.	Risk	DOE
TO-6-05	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
TO-6-07	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 or significant weather event), then there could be an impact on Subtask cost and schedule performance.	Risk	DOE
TO-06-09	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-6-13	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
TO-6-15	Delays in internal/ external DOE approval of required documents	If DOE takes longer than planned to approve procedural documents, 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-6-17	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-6-19	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-6-21	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
TO-6-24	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-6-26	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-6-31	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-6-33	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: See Appendix B.9, Subtask 6-1 Key Quantities

Subtask 6-1 Fee Risk Ownership				
Risk ID	Title	Statement of Event	Type	Owner
TO-6-36	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-6-37	More Characterization Needed	If the estimated quantity of characterization samples proves insufficient, then additional samples beyond the estimate will be needed.	Risk/ Opportunity	Shared: See Appendix B.9, Subtask 6-1 Key Quantities
TO-6-39	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-6-40	Government Furnished Equipment Failure	If Government Furnished equipment is properly maintained and fails or requires more frequent maintenance interval than planned, then task order cost and schedule performance may be impacted.	Risk	DOE
TO-6-41	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 task order performance may be impacted.	Risk	DOE

Assumed quantities associated with completion of the Section C requirements are included in Appendix B.9. In addition, the following key quantities and risk thresholds by PWS Subsection applicable to the performance of this subtask are provided in the following table.

Appendix B.9, Subtask 6-1 Key Quantities

PWS	Subtask 6-1, Key Quantities											
	Characterization				Prep for Demo				Demolition			
	Key Quantities	Source of Quantity Estimate	Esc Cost (x 1,000)	Proposed Threshold	Key Quantities	Source of Quantity Estimate	Esc Cost (x 1,000)	Proposed Threshold	Key Quantities	Source of Quantity Estimate	Esc Cost (x 1,000)	Proposed Threshold
C.03.02.02 - Beta 4 (9204-4) (PRICED OPTION)	N/A - Characterization is not included in TO6 Subtask 1 Scope				1 Ea - Mechanical Isolations 5 Ea - Electrical Isoltations	Current Isolation status provided by CNS	\$5,569	± 10% and ± \$800K	NA - Demolition is not included in TO6 Subtask 1 Scope			
C.03.02.04 - Alpha 4 (9201-4)	466 Samples - Process equipment characterization		\$3,259	± 10% and ± \$400K	15,562 LF - Asbestos Abatement 3,856 SF - Asbestos Ceiling Tile, Plaster, and Boards 8,552 LF - Asbestos tank/duct 25,000 LF - Piping Removal	Quantities based on field walkdowns and historical reports.	\$17,262	± 10% and ± \$800K	NA - Demolition is not included in TO6 Subtask 1 Scope			
C.03.02.05 - Alpha 2 (9201-2)	N/A - Characterization is not included in TO6 Subtask 1 Scope				2,090 LF - Abate Exteriores Asbestos	Quantities based on field walkdowns.	\$382	± 10% and ± \$800K	NA - Demolition is not included in TO6 Subtask 1 Scope			
C.03.02.07 - Beta 1 (9204-1)	40 Samples - RA	Based on parametric from Alpha 2	\$447	Propose to not include, limited effort remaining	35,000 CY - CLSM Placement	Based on parametric from Alpha 2	\$9,520	± 10% and ± \$800K	NA - Demolition is not included in TO6 Subtask 1 Scope			
C.03.02.17 - 9401-1 Facility	N/A - Characterization is not included in TO6 Subtask 1 Scope				N/A - Prep for Demo is not included in TO6 Subtask 1 Scope				193 LF - Exterior Asbestos Abatement 1,602 CY - Building Debris (EMWMF)	Quantities based on field walkdowns	\$2,233	± 50% and ± \$200K

Total Esc Cost  
10% of Budgeted Value  
Divided by 1 Characterization Projects  
Threshold for Change

\$3,742  
\$374  
\$374  
\$400

Total Esc Cost  
10% of Budgeted Value  
Divided by 4 Prep for Demo Projects  
Threshold for Change

\$33,692  
\$3,369  
\$842  
\$800

Total Esc Cost  
10% of Budgeted Value  
Divided by 1 Demolition Projects  
Threshold for Change

\$2,159  
\$216  
\$216  
\$200

