

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

1. Task Order Number: 89303523FEM400032	2. Task Order Revision Number: 8
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: 0003101a

Subtask 10-1a: ETTP Final RODs/Remedies/Closure – Initial Term



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

Table of Contents

Table of Contents	2
Section B – Supplies or Services and Prices/Costs	4
B.1 DOE-B-2012 Supplies/Services Being Procured/Delivery Requirements (Oct 2014)	4
B.2 Type of Subtask	4
B.9 Basis for Change	5
B.12 Performance Management Incentive	5
Section C – Performance Work Statement	5
C.1 Subtask Requirements	5
Section D – Packaging and Marking	11
Section E – Inspection and Acceptance	12
E.1 Inspection and Acceptance Delegation	12
Section F – Deliveries or Performance	12
F.3 Period of Performance	12
Section G – Contract Administration Data	12
G.1 Subtask Administration	12
Section H – Special Contract Requirements	13
Section I – Contract Clauses	13
Section J – List of Documents, Exhibits, and Other Attachments	13
1. Attachment J-2 – Directives	14
2. Attachment J-3 – Interfaces	14
3. Attachment J-5 – Small Business Subcontracting Goals	16
4. Attachment J-7 – Deliverables	17
5. Attachment J-8 - Government-Furnished Services and Information (GFS/I)	19
Appendix B.9	21

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-2001 *Cost-Plus-Fixed-Fee Subtask: Total Estimated Cost and Fixed Fee (Oct 2014)* (Revised)

(1) This is a Cost-Plus-Fixed-Fee type Subtask. In accordance with the clause at FAR 52.216-8, *Fixed Fee*, the total estimated cost and fixed-fee for this Subtask are as follows:

Table B-1. Estimated Total Price

Total Estimated Cost	\$7,692,876
Fee	\$307,715
Total Estimated Price	\$8,000,591

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

CLIN/ SubCLIN	CLIN/SubCLIN Title	CLIN Type	Estimated Cost	Fee	Total Estimated Price*
000033	ORRCC End State Task Order 89303322DEM000067/893 03523FEM400032				

CLIN/ SubCLIN	CLIN/SubCLIN Title	CLIN Type	Estimated Cost	Fee	Total Estimated Price*
0003101a	Subtask 10-1a: ETPP Final RODs/Remedies/Closure – Initial Term	CPIFF	\$7,692,876	\$307,715	\$8,000,591
Total			\$7,692,876	\$307,715	\$8,000,591

**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.*

(3) Payment of fee will be made in accordance with 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.

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 10-1: ETTP Final RODs/Remedies/Closure, Subtask 1

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 groundwater and remaining ecological, surface water, and sediment environmental media as described in Master IDIQ Section C.3.3.3.
- Closure of ETTP as a DOE Site as described in Master IDIQ Section C.5.7.
- Reindustrialization of ETTP as described in Master IDIQ Section C.6.2.2.
- Contaminant Load Remediated from identified areas of Environmental Media from primary contaminants of concern that include mercury, technecium-99, trichloroethylene, and uranium.
- Remediation complete for identified release sites
- Identified acreage of Sites Remediated/Footprint Reduction
- Groundwater wells installed
- General Plant Projects completed

The desired outcomes will require more than 10 years to complete. DOE and the ORRCC Contractor have partnered on a phased approach for completion of the desired outcome, as follows:

- Subtask 10-1a: Completion of an initial term of scope described in Section 3.0 while remaining initial Subtask 10-1b end state requirements are negotiated.
- Future Subtask 10-1b: Completion of initial ETTP RODs/Remedies/Closure end state requirements.

Additional related Subtasks that are planned to fully achieve the desired outcome include the following:

- Future Subtask 10-2: Completion of the P1 Pond Removal Action, as required. (*Subtask 10-2 will be included in a future request for Subtask proposal*).
- Future Subtask 19-1: Completion of the Environmental Remediation end state for ETTP groundwater and remaining ecological, surface water, and sediment environmental media as described in Master IDIQ and Task Order 89303322DEM000067/89303523FEM400032 Section C.3.3.3 and all remaining actions to close ETTP as a DOE site as described in Master IDIQ and Task Order 89303322DEM000067/89303523FEM400032 Section C.5.7. (*Subtask 19-1 will be included in a future request for task order proposal*).

The Contractor shall ensure the 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 Subtask includes completing groundwater and remaining ecological, surface water, and sediment environmental media remediation and all remaining actions to close ETTP as a DOE site.

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 and Task Order 89303322DEM000067/89303523FEM400032 identified below:

○ C.3.3 ETTP Cleanup

C.3.3.3 Groundwater and Remaining Ecological, Surface Water, and Sediment Remediation

- C.3.3.3.1 ETTP ROD Development
- C.3.3.3.2 ETTP Groundwater and Remaining Ecological, Surface Water, and Sediment Remediation

○ C.5.7 ETTP Site Closure, Historic Preservation, Surveillance and Maintenance, and Environmental Monitoring

- C.5.7.1 ETTP Closure
- C.5.7.2 ETTP Historic Preservation
- C.5.7.3 ETTP S&M and Environmental Monitoring

SUBTASK 10-1a:

The desired outcome of ETP Final RODs/Remedies/Closure Subtask 10-1a includes continuation of minimum-safe operations and critical path activities while remaining initial Subtask 10-1b end state requirements are negotiated.

For the scope of work performed under Master IDIQ and Task Order 89303322DEM000067/89303523FEM400032 PWS sections and subsections listed in the Scope, the Contractor shall incorporate the following assumptions and completion objectives into Subtask 10-1a:

- PWS C.3.3.3.1 ETP ROD Development Interim End State:
 - Complete Zone 1 Groundwater K-720 Waste Sampling, Analysis, Validation and Verification, Waste Profile, and Investigative Derived Waste Disposal.
 - Complete Zone 1 Groundwater K-1085 Remedial Investigation Work Plan Addendum D0, D1 and transmit to DOE.
 - Complete Main Plant Area Final Record of Decision Data Characterization and Delineation, including:
 - Site preparation and vegetation removal;
 - Planning, procurement and permitting;
 - Initial well mobilization;
 - Repair of Wells 1-110 and well repair demobilization; and,
 - Dry sampling of Wells 1-110, sampling analysis, validation and verification, dry sampling investigative derived waste disposal, and plume interpretation.
 - Provide project management and support for ETP Final Groundwater and Remaining Ecological, Surface Water and Sediment RODs and Remediation.
 - Assume:
 - Includes field activities required to obtain Final ROD (s).
- PWS C.3.3.3.2 ETP Groundwater and Remaining Ecological, Surface Water, and Sediment Remediation Interim End State:
 - Complete Main Plant Area Interim Record of Decision Remedial Design Work Plan, D1 and transmit to DOE.
 - Complete Main Plant Area Waste Handling Plan D0, D1 and transmit to DOE.
 - Complete K-31/K-33 Remedial Design Report/Remedial Action Work Plan Planning/Presentation/Resolution for DQO Sessions 1, 2, and 3.
 - Complete K-31/K-33 Remedial Design Work Plan, D0 and transmit to DOE.
- PWS C.5.7.1 ETP Site Closure:

- Continue sludge disposal from Rarity Ridge Wastewater Treatment Plant for the period 11/27/2023 through 9/30/2024.
- PWS C.5.7.2 ETTP Historic Preservation End State
 - Continue responsibilities of the ORRCC Contractor described in Attachment J-3-10, *ETTP Historic Preservation Responsibility Matrix*, for the period 11/27/2023 through 9/30/2024.
 - Assume:
 - The Viewing Platform Site Improvements will follow completion of ETTP Soils Remediation fieldwork.
 - The following J-3-10 responsibilities of the ORRCC Contractor are planned to occur after September 30, 2024:
 - Viewing Platform Construction As Built Drawings
 - Viewing Platform Construction – Procure and install front desk
 - Viewing Platform Construction Improvements – As built drawings
 - Viewing Platform Exhibits – Install the changeable, non-permanent exhibits and displays
 - Telecommunications – Procure and install telecommunications equipment
- PWS 5.7.3, ETTP Surveillance, Maintenance, and Environmental Monitoring:
 - Continue safe and compliant ETTP surveillance, maintenance, and monitoring as described in Master IDIQ and Task Order 89303322DEM000067/89303523FEM400032 Section C.5.7.3 for the period 11/27/2023 through 9/30/2024.

4.0 APPLICABLE DIRECTIVES

In addition to the Directives included in the Master IDIQ Contract, additional Directives are included in Attachment J-2-10 to this Subtask.

5.0 INTERFACES

In addition to the Interfaces included in the Master IDIQ Contract, additional Interfaces are included in Attachment J-3-10 to this Subtask.

6.0 DELIVERABLES

In addition to the Deliverables included in the Master IDIQ Contract, additional Deliverables are included in Attachment J-7-10 to this Subtask.

7.0 GOVERNMENT-FURNISHED SERVICES AND INFORMATION

In addition to the Government-Furnished Services and Items included in the Master IDIQ Contract, additional Government-Furnished Services are included in Attachment J-8-10 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 10-1a: ETTP RODs/Remedies/Closure – Initial Term	
End State Requirement	Work Scope/Completion Criteria
PWS C.3.3.3.1 ETTP ROD Development Interim End State	<ul style="list-style-type: none"> • Complete Zone 1 Groundwater K-720 Waste Sampling, Analysis, Validation and Verification, Waste Profile, and Investigative Derived Waste Disposal. • Complete Zone 1 Groundwater K-1085 Remedial Investigation Work Plan Addendum D0, D1 and transmit to DOE. • Complete Main Plant Area Final Record of Decision Data Characterization and Delineation, including: <ul style="list-style-type: none"> ○ Site preparation and vegetation removal; ○ Planning, procurement and permitting; ○ Initial well mobilization; ○ Repair of Wells 1-110 and well repair demobilization; and, ○ Dry sampling of Wells 1-110, sampling analysis, validation and verification, dry sampling investigative derived waste disposal, and plume interpretation. • Provide project management and support for ETTP Final Groundwater and Remaining Ecological, Surface Water and Sediment RODs and Remediation.
PWS C.3.3.3.2 ETTP Groundwater and Remaining Ecological, Surface Water, and Sediment Remediation Interim End State	<ul style="list-style-type: none"> • Complete Main Plant Area Interim Record of Decision Remedial Design Work Plan, D1 and transmit to DOE. • Complete Main Plant Area Waste Handling Plan D0, D1 and transmit to DOE. • Complete K-31/K-33 Remedial Design Report/Remedial Action Work Plan Planning/Presentation/Resolution for DQO Sessions 1, 2, and 3. • Complete K-31/K-33 Remedial Design Work Plan, D0 and transmit to DOE.
Continue PWS C.5.7.1 ETTP Site Closure	<ul style="list-style-type: none"> • Continue sludge disposal from Rarity Ridge Wastewater Treatment Plant for the period 11/27/2023 through 9/30/2024.
Continue PWS C.5.7.2 ETTP Historic Preservation.	<ul style="list-style-type: none"> • Continue responsibilities of the ORRCC Contractor described in Attachment J-3-10, ETTP Historic Preservation Responsibility Matrix for the period 11/27/2023 through 9/30/2024 (<i>Excluding responsibilities planned after September 2024 per assumptions in Section 3.0.</i>)

Subtask 10-1a: ETTP RODs/Remedies/Closure – Initial Term	
End State Requirement	Work Scope/Completion Criteria
Continue PWS 5.7.3, ETTP Surveillance, Maintenance, and Environmental Monitoring	<ul style="list-style-type: none"> Continue safe and compliant ETTP surveillance, maintenance, and monitoring as described in Master IDIQ and Task Order 89303322DEM000067/89303523FEM400032 Section C.5.7.3 for the period 11/27/2023 through 9/30/2024.

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:

Subtask 10-1a: ETTP RODs/Remedies/Closure – Initial Term	
Objectives	Standard
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

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 and Task Order 89303322DEM000067/89303523FEM400032 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 from November 27, 2023, through September 30, 2024. 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: Talia Burchfield

(B) Telephone number: 865/574-8007

(C) Address:

U.S. Department of Energy

Oak Ridge Office of Environmental Management

200 Administration Road

Oak Ridge, TN 37830

(D) Email address: Talia.Burchfield@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

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:

None.

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

Attachment J-3-10 includes the following additional interfaces for this Subtask:

Attachment J-3-10

ETTP Historic Preservation Responsibility Matrix

This matrix summarizes the roles and responsibilities for the various contractor entities involved in the completion of the remaining stipulations of the *Memorandum of Agreement for Decommissioning and Demolition of the K-25 Site and Interpretation of the East Tennessee Technology Park on the Oak Ridge Reservation* including Oak Ridge Reservation Cleanup Contractor responsibilities described in Performance Work Statement Section C.5.7.2

Activity	USACE Construction Contractor *	USACE **	ORRCC Contractor ***
Viewing Platform			
Viewing Platform Construction	Construction (Viewing Platform facility, walkways)	Construction management for Viewing Platform	Title III Services As-built drawings Excavation and penetration permit(s) RAD protection Procure and install front desk
Viewing Platform Construction Debris	Waste packaging and disposal	Construction management for Viewing Platform waste disposal	Disposal authorization at DOE landfill sites Support for clean spoils disposal
Viewing Platform Site Improvements			

Activity	USACE Construction Contractor *	USACE **	ORRCC Contractor ***
Viewing Platform Site Improvements	Construction of K-25 Footprint Delineation (road improvements, visual markers, Wayside Exhibit Frames)	Construction management for Footprint Delineation	Title III Services As-built drawings Excavation and penetration permit(s) RAD protection Schedule coordination with ETPP RA Project Fabrication and installation of graphic panels in Wayside Exhibit frames
Viewing Platform Site Improvements Construction Debris	Waste packaging and disposal	Construction management for Footprint Delineation waste disposal	Support for clean spoils disposal Disposal authorization at DOE landfill sites
Viewing Platform Exhibits		Facilitate access to UCOR and UCOR's subcontractor for exhibit fabrication and installation, to verify final measurements; turn over access from USACE construction contractor to UCOR and UCOR exhibit fabrication/installation contractor for installation of exhibits.	Production Ready Art Fabricate and install the changeable, non-permanent exhibits and displays.
Telecommunications	Demobilize to enable work to proceed	Construction management for demobilization	Procure and install telecommunications equipment after USACE completes construction of Viewing Platform

Activity	USACE Construction Contractor *	USACE **	ORRCC Contractor ***																
External Communications	None	None	Support DOE OREM in communications with the NHP Consulting Parties, including semi-annual report																
K-25 Artifacts	None	None	Manage historic artifacts Maintain a database of identified artifacts Support DOE in property movements for excess artifacts not retained																
<p>*Assumes USACE will acquire and administer two single firm fixed price construction contracts for all identified NHP construction activities in accordance with OREM design.</p> <p>** Construction management assumes operational responsibility for the construction site footprint will be transferred to USACE for the duration of construction activities.</p> <p>*** The ORRCC Contractor will acquire and administer subcontract with Professional Site Design Team and Museum Professional required for assigned responsibilities.</p>																			
<p>Acronyms:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 15%;">DOE</td> <td style="width: 45%;">Department of Energy</td> <td style="width: 15%;">RA</td> <td style="width: 25%;">Remedial Action</td> </tr> <tr> <td>NHP</td> <td>National Historic Preservation</td> <td>RAD</td> <td>Radiological</td> </tr> <tr> <td>OREM</td> <td>Oak Ridge Office of Environmental Management</td> <td>USACE</td> <td>United States Army Corps of Engineers</td> </tr> <tr> <td>ORRCC</td> <td>Oak Ridge Reservation Cleanup Contract</td> <td></td> <td></td> </tr> </table>				DOE	Department of Energy	RA	Remedial Action	NHP	National Historic Preservation	RAD	Radiological	OREM	Oak Ridge Office of Environmental Management	USACE	United States Army Corps of Engineers	ORRCC	Oak Ridge Reservation Cleanup Contract		
DOE	Department of Energy	RA	Remedial Action																
NHP	National Historic Preservation	RAD	Radiological																
OREM	Oak Ridge Office of Environmental Management	USACE	United States Army Corps of Engineers																
ORRCC	Oak Ridge Reservation Cleanup Contract																		

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-5-10-1a. Subtask Small Business Subcontracting Goals

Category	Total to be Subcontracted (\$)	Minimum Small Business Goals as a percent of total subcontracted dollars
Total Subcontracted	\$5,919,773	

Total Small Business Subcontracts	\$2,663,897	45%
Veteran-Owned Small Business (VOSB)	\$177,593	3%
Service-Disabled Veteran-Owned Small Business (SDVOSB)	\$177,593	3%
Historically Underutilized Business Zone (HUBZone)	\$177,593	3%
Small Disadvantaged Business	\$295,988	5%
Women-owned Small Business	\$295,988	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-5-10b.

Table J-5-10b. 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	N/A

4. Attachment J-7 – Deliverables

Attachment J-7-10, includes the following additional deliverables for this Subtask:

Attachment J-7-10. Subtask 10-1a Deliverables

Number	Deliverable	Deliverable Due Date	DOE Action Response ¹	Reference
T10-1a-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>

Attachment J-7-10. Subtask 10-1a Deliverables

Number	Deliverable	Deliverable Due Date	DOE Action Response¹	Reference
T10-1a-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>
T10-1a-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>
T10-1a-004	Subtask Waste Generation Forecast	Final Within 30 days of Subtask issuance	Approve – 30 days	Section C.6.2.8, <i>Waste Management</i>
T10-1a-005	Main Plant Area Groundwater IROD RDWP, D1 to DOE	8/14/2024	**	Section C.3.3.3, <i>Groundwater and Remaining Ecological, Surface Water, and Sediment Remediation</i> CERCLA and FFA
T10-1a-006	K-31/33 RDWP, D0 to DOE	9/30/2024	**	Section C.3.3.3, <i>Groundwater and Remaining Ecological, Surface Water, and Sediment Remediation</i> CERCLA and FFA

Attachment J-7-10. Subtask 10-1a Deliverables

Number	Deliverable	Deliverable Due Date	DOE Action Response ¹	Reference																				
<p>¹The DOE action is defined as follows:</p> <ul style="list-style-type: none"> • 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. <p>Acronyms:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 15%;">CERCLA</td> <td style="width: 35%;">Comprehensive Environmental Response, Compensation, and Liability Act of 1980</td> <td style="width: 15%;">OREM</td> <td style="width: 35%;">Oak Ridge Office of Environmental Management</td> </tr> <tr> <td>DOE</td> <td>Department of Energy</td> <td>PCCR</td> <td>Phased Construction Completion Report</td> </tr> <tr> <td>ETTP</td> <td>East Tennessee Technology Park</td> <td>RDWP</td> <td>Remedial Design Work Plan</td> </tr> <tr> <td>FFA</td> <td>Federal Facility Agreement</td> <td>TBD</td> <td>To be determined</td> </tr> <tr> <td>IROD</td> <td>Interim Record of Decision</td> <td></td> <td></td> </tr> </table> <p><i>** DOE and Regulatory Actions to follow the standard schedule protocol for primary and secondary documents established per the FFA.</i></p>					CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act of 1980	OREM	Oak Ridge Office of Environmental Management	DOE	Department of Energy	PCCR	Phased Construction Completion Report	ETTP	East Tennessee Technology Park	RDWP	Remedial Design Work Plan	FFA	Federal Facility Agreement	TBD	To be determined	IROD	Interim Record of Decision		
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act of 1980	OREM	Oak Ridge Office of Environmental Management																					
DOE	Department of Energy	PCCR	Phased Construction Completion Report																					
ETTP	East Tennessee Technology Park	RDWP	Remedial Design Work Plan																					
FFA	Federal Facility Agreement	TBD	To be determined																					
IROD	Interim Record of Decision																							

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

Attachment J-8-10 includes the following additional GFS/I for this Subtask:

Attachment J-8-10, Subtask Specific GFS/I	
GFS/I	REQUIREMENT
ETTP NHP Construction Services by the U.S. Army Corps of Engineers to implement the UCOR CFC design	<ul style="list-style-type: none"> • Construction/Construction management of the Viewing Platform and associated Site Improvements (road improvements, visual markers, and wayside exhibit frame installation) • Waste packaging and transportation of construction debris to the Oak Ridge Reservation - Landfill. • Warranty inspections for the one-year warranty period after construction is complete.

Appendix B.9

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

Subtask 10-1a Fee Risk Ownership				
Risk ID	Title	Statement of Event	Type	Owner
TO-10-03	Ineffective Execution	If project management execution is not effective, in that other DOE program office contractors or prime contractors, or other agreements established under Memorandum of Agreement(s) cannot fulfill DOE's commitments to UCOR, then task order schedule and cost performance may be impacted.	Risk	DOE
TO-10-04	Changes in Security Requirements	If federal security requirements increase, then task order cost and schedule performance may be impacted.	Risk	DOE
TO-10-05	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 task order cost and schedule performance.	Risk	DOE
TO-10-07	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 task	Risk	DOE

Subtask 10-1a Fee Risk Ownership				
Risk ID	Title	Statement of Event	Type	Owner
		order cost and schedule performance.		
TO-10-09	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 task order schedule and cost performance.	Risk	DOE
TO-10-13	Regulatory Approval Delayed/Additional Requirements Added	If regulators take longer than the prescribed/planned protocols to approve regulatory documents, or impose additional requirements, then task order performance may be impacted.	Risk	DOE
TO-10-15	Delays in internal/external DOE review/approval of required documents	If DOE takes longer than planned to approve procedural documents, then task order 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-10-17	Change in ES&H Requirements - DOE Initiated	If DOE initiates a change to ES&H requirements, then task order cost and schedule performance may be impacted.	Risk/ Opportunity	DOE
TO-10-19	Extreme Weather	If an extreme weather event occurs (e.g., rain, heat, cold/snow, high winds/tornado, earthquake), then task order cost, schedule or technical performance may be impacted.	Risk	DOE

Subtask 10-1a Fee Risk Ownership				
Risk ID	Title	Statement of Event	Type	Owner
TO-10-21	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 task order cost and schedule performance.	Risk	DOE
TO-10-24	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. Task order cost and schedule performance may be impacted, due to cost of alternative measures and lower worker efficiency.	Risk	DOE
TO-10-26	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-10-31	Supply Chain - Material/Equipment Availability - Non-foreseeable	If unforeseeable supply chain issues impact material/equipment availability or lead times, then task order cost and schedule may be impacted.	Risk	DOE
TO-10-36	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

Subtask 10-1a Fee Risk Ownership				
Risk ID	Title	Statement of Event	Type	Owner
TO-10-39	Change in Mission or Policy - DOE Initiated	If DOE initiates mission or policy requirements change, then task order cost and schedule performance may be impacted. Includes other than ES&H related, for example - cyber security.	Risk/ Opportunity	DOE
TO-10-41	Insufficient Waste Storage/Treatment Non-Foreseeable	If permitted waste storage facilities or treatment options are insufficient/ineffective and unforeseeable, then task order cost and schedule may be impacted.	Risk	DOE
TO-10-43	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 task order performance may be impacted.	Risk	DOE