

**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: 0341

Subtask 4-1: Core Functions and Post-Retirement Benefits/Long-Term
Disability/Pension – Initial Term



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 are incorporated by reference.

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

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

B.2 Type of Subtask

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

Table B-1. Estimated Total Price

Base Period Estimated Cost	\$159,311,577
Fee	\$5,298,443
Base Period Estimated Price	\$164,610,020
Option Period Estimated Cost	\$139,384,737
Fee	\$4,651,780
Option Period Estimated Price*	\$144,036,517
Total Estimated Cost	\$298,696,314
Fee	\$9,950,223
Total Estimated Price	\$308,646,537

*The Option Period may be adjusted based on a +/- 25 FTE shift from the baselined 500. FTE is based on 1880 hours. The period for potential adjustment to evaluated shall be April 2024 - August 2024.

(a) DOE-B-2001 *Cost-Plus-Fixed-Fee Task Order: Total Estimated Cost and Fixed Fee* (Oct 2014) (Revised)

(d) DOE-B-2004 *Cost Task Order-No Fee: Total Estimated Cost* (Oct 2014) (Revised)

(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*
00003	ORRCC End State Task Order 89303322DEM000067/89303523FEM400032				
000341a	Subtask 4-1: Core Functions – Initial Term	CPFF	\$132,461,082	\$5,298,443	\$137,759,525
000341b	Subtask 4-1: Site Usage Fees and Post-Retirement Benefits/Long-Term Disability/Pension and Reservation Management – Initial Term	CR (No Fee)	\$26,850,495	N/A	\$26,850,495
000341a-1 (Option)	Subtask 4-1: Core Functions – Initial Term (Priced Option)	CPFF	\$116,294,505	\$4,651,780	\$120,946,285
000341b-1 (Option)	Subtask 4-1: Site Usage Fees and Post-Retirement Benefits/Long-Term Disability/Pension and Reservation Management – Initial Term (Priced Option)	CR (No Fee)	\$23,090,232	N/A	\$23,090,232
Total			\$298,696,314	\$9,950,223	\$308,646,537

Acronyms:

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

CR Cost Reimbursable
N/A Not applicable

**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 4-1: Core Functions and Post-Retirement Benefits/Long-Term Disability/Pension – Initial Term

1.0 INTRODUCTION

This is not an end states Subtask. This Subtask includes implementation of the programs that must exist to perform the cleanup mission of the ORR Cleanup Contract safely and effectively and to meet DOE's commitments to fund Post Retirement Benefits, Long-Term Disability and Pension as described in the Master IDIQ and Task Order 89303322DEM000067/89303523FEM400032 Section C, Performance Work Statement and Section 3.0 below. The programmatic requirements and associated implementing instructions established under these programs shall be applied to all work authorized through Subtasks.

The desired outcomes for the Master IDIQ Section C and Task Order 89303322DEM000067/89303523FEM400032 PWS Sections included in this Subtask include:

- **PWS C.2:** Timely contributions to Post-Retirement Benefits, Long-Term Disability, and Pension that include:

- Funding the post-retirement medical benefits for ORR EM workers retiring prior to April 1, 1998, in coordination with the NNSA Management and Operating (M&O) contractor at Y-12.
- Managing and funding the post-retirement medical benefits for ORR EM workers retiring on or after April 1, 1998.
- Managing and funding the long-term disability program for all ORR EM workers.
- Managing and funding the pension plan for Grandfathered Employees.
- **PWS C.6 (and all subsections):** The efficient performance of general program infrastructure and support activities necessary for the execution of the ORR Cleanup Contract, as authorized by Subtasks.

A reduction of non-value-added requirements and processes that impede progress as approved by DOE and an increase of efficiencies and performance improvements that reduce the actual cost and/or improve the schedule for the work.

This Subtask is planned to be structured in terms. Each Subtask will include a specific term for the scope, assumptions, and completion objectives identified in Section 3.0 to be performed, and the estimated Subtask duration will be identified in Subtask Section F.3, Period of Performance. The Contractor shall ensure the Subtask 4-1 scope is integrated with other Subtasks, as necessary.

2.0 BACKGROUND

The mission of DOE's Oak Ridge Office of Environmental Management (OREM) is to complete cleanup of the ORR to protect the region's health and environment, make clean land available for future use, and enable vital DOE missions in science, energy, and national security. OREM's mission supports DOE strategic goals to advance America's sciences, energy security, and economic growth while minimizing the nation's environmental and national security threats.

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. Streamlining processes, eliminating nonvalue-added requirements, and identifying efficiencies and performance improvements are critical to accomplishing accelerated cleanup. The Contractor shall, throughout the Contract period of performance, seek to reduce non-value-added requirements and processes that impede progress and identify efficiencies and performance improvements that reduce the actual cost and/or improve the schedule for the work.

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:

Subtask 4-1: Core Functions – Initial Term (CLIN/SubCLIN 000341a)

- **C.6 Core Functions (including the following PWS Subsections)**
 - C.6.1.1 Project Support Performance Requirements
 - C.6.1.2 Project Performance Reporting
 - C.6.1.3 Health and Safety
 - C.6.1.4 Radiation Protection
 - C.6.1.5 Nuclear Safety
 - C.6.1.6 Nuclear Criticality Safety
 - C.6.1.7 Safety Culture
 - C.6.1.8 Quality Assurance
 - C.6.1.9 Engineering
 - C.6.1.10 Environmental Protection
 - C.6.1.11 Environmental Sustainability
 - C.6.1.12 Federal Facility Agreement and Related Support
 - C.6.1.13 Records Management
 - C.6.1.14 Public Relations and Media Support
 - C.6.1.15 Legal Management
 - C.6.1.16 Safeguards and Security
 - C.6.1.17 Information Technology
 - C.6.1.18 Audit Support Services
 - C.6.1.19 Administration of Pension and Benefits Services at ORR, Portsmouth, and Paducah Sites
 - C.6.1.20 Other Program Activities
 - C.6.2.2 Reindustrialization and Land Use Controls
 - C.6.2.3 Emergency Management and Fire Protection
 - C.6.2.4 Technology Development
 - C.6.2.5 Historic Preservation and Cultural Resource Management
 - C.6.2.6 Analytical Services (Sample Management Office Integration)
 - C.6.2.7 Transportation Services
 - C.6.2.8 Waste Management
 - C.6.2.10 Support DOE Natural Resource Damage Assessment

Subtask 4-1: Site Usage Fees and Post-Retirement Benefits/Long-Term Disability/Pension and Reservation Management – Initial Term (CLIN/SubCLIN 000341b)

- ***C.2 Post-Retirement Medical Benefits, Long-Term Disability, and Pension Contributions***
- ***C.6 Core Functions (including the following PWS Subsections)***
 - C.6.2.1 Reservation Management
 - C.6.2.11 ORNL and Y-12 Site Usage Fees

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 completion objectives and assumptions into the Subtask:

COMPLETION OBJECTIVES:

C.2 Post-Retirement Medical Benefits, Long-Term Disability and Pension Contributions

Complete the requirements identified in Master IDIQ and Task Order 89303322DEM000067/89303523FEM400032 Section C.2 for the period November 27, 2023 through November 24, 2024.

C.6 Core Functions

Provide efficient performance of general program infrastructure and support activities necessary for the execution of the ORR Cleanup Contract, as authorized by Task Order Subtasks, for the period November 27, 2023 through November 24, 2024 and provide PWS C.6.2.4, *Technology Demonstration* activities for the period September 25, 2024 through September 30, 2025.

Identify, document, and implement with DOE approval 1) reductions for non-value-added requirements and processes that impede progress and 2) efficiencies and performance improvements to reduce the actual cost and/or improve the schedule for work authorized in Subtasks throughout the period of performance.

ASSUMPTIONS:

General: The Subtask 4-1 base period is planned to be completed with 500 Full-Time Equivalents (FTEs). One FTE is based on 1880 hours per fiscal year. If the number of FTEs required for the fiscal period April 2024 through August 2024 deviates by more than a 25 FTE increase or decrease from the planned 500 FTEs, an adjustment to the estimated price for the Option period may be negotiated.

C.2 Post-Retirement Medical Benefits, Long-Term Disability and Pension Contributions

- Assume cost-sharing for administration as agreed to by PPPO.
- Estimated costs/funding requirements will not be furnished by the Government.
- This PWS subsection is non fee-bearing [SubCLINs 000341b and 000341b-1 (Option)].

C.6.1.1 Project Support Performance Requirements

- Subtask metrics include the following metrics and units of measure:
 - CH TRU Waste Certified for Final Disposal Progress Indicator (m3)
 - CH TRU Waste Processed (Certification Ready) Progress Indicator (m3)
 - RH TRU Waste Certified for Final Disposal Progress Indicator (m3)
 - RH TRU Waste Processed (Certification Ready) Progress Indicator (m3)
 - TRU-CH (m3)
 - TRU-RH (m3)
 - Bulk Tank Waste Removed (thousands of gallons)
 - Liquid Waste Tanks Cleaned (number of tanks)
 - Liquid Waste In Inventory eliminated (number of gallons)
 - Liquid Waste Tanks closed (number of tanks)
 - Remediation Complete (# of Release Sites)
 - Site Remediated/Footprint Reduction (Acreage)
 - Groundwater Wells Installed (# wells)
 - Industrial Facility Completions (# of Facilities)
 - Radioactive Facility Completions (# of Facilities)
 - Nuclear Facility Completions (# of Facilities)
 - Square Footage De-inventoried (Square Feet)
 - Square Footage Demolished (Square Feet)
 - General Plant Projects Completed (number of projects)
 - D&D Debris and Remediated Soil Disposed Indicator (m3)
 - LL/LLMW disposed Legacy (Stored) and NGW (m3)
 - Material Access Areas eliminated (number of areas)
 - Radionuclides De-inventoried (Curies)
 - Contaminant Load Remediated from Soil and Other Environmental Media (yd3)
- DOE and Contractor will partner on a tailored approach for Integrated Baseline Review(s) described in Master IDIQ Section H.16(d). Assume the initial Integrated Baseline Review will be combined for Task Order-02 and Task Order-03 Subtasks 4-1, 5-1, 6-1, 7, 8-1, 8-2, 9-1, 10-1, and 17-1 and completed within 60 days of the final Subtask award.
- DOE has agreed the Integrated Master Schedule update for Task Order-02 and Task Order-03 Subtasks 4-1, 5-1, 6-1, 7, 8-1, 8-2, 9-1, 10-1, and 17-1 may be combined and provided with the final Subtask award.

- DOE will complete Master IDIQ Deliverables M-001, M-002, and M-055 with input from the Contractor, as requested.

C.6.1.3 Health and Safety

- Approximately 50 OREM employees will require comprehensive health screening and medical surveillance services annually.

C.6.1.4 Radiation Protection

- Approximately 75 OREM representatives will require ongoing radiation monitoring and reporting.

C.6.1.5 Nuclear Safety

- Readiness determinations for restart of activities and for startup of new activities are excluded from this Subtask and will be included in the Subtask PWS section requiring the readiness activity.

C.6.1.9 Engineering

- Continue as the design authority for the ETP NHP Viewing Platform and Site Improvements through completion of PWS C.5.7.2, as authorized in Subtask 10-1 or other Subtask.

C.6.1.18 Audit Support Services

- Real property and financial statement audit will be tested against new Federal Accounting Standards beginning in FY 2024.

C.6.2.1 Reservation Management

- Guidance will be obtained from the Office of Science to estimate Reservation Management contributions in accordance with annual site wide requirements.
- The estimated Reservation Management costs will not be government-furnished.
- This PWS subsection is non fee-bearing [SubCLINs 000341b and 000341b-1 (Option)].

C.6.2.2 Reindustrialization and Land Use Controls

- Includes development and maintenance of land maps which show land parcels available for reuse and intended transfers.

C.6.2.3 Emergency Response

- ETP fire protection and emergency response will be provided by the City of Oak Ridge.
- Fire and emergency response at ORNL and Y-12 will be provided through site usage fees at each respective site.

C.6.2.4 Technology Development

- Technology Demonstration #4 is planned to follow completion of Technology Demonstration #3, which is authorized in Subtask 3.
- Continuity of ongoing Technology Development studies (East Fork Poplar Creek water chemistry manipulation, soil/sediment source zone stabilization and isolation, and ecological manipulation and enhancement) through FY 2024 is authorized in Subtask 3.

C.6.2.8 *Waste Management*

- Rather than providing a waste generation forecast for all cleanup scope in the Master IDIQ Contract, DOE has agreed to receive a waste generation forecast with each Subtask proposal for each PWS subsection that will result in the generation of waste.
- Waste generation forecast includes the following data elements:
 - PBS Number
 - Project Group
 - WBS Project
 - Waste Type (Sanitary, LLW or MLLW)
 - Material Type
 - Solid or Liquid
 - RCRA Type (Characteristic or Both)
 - RAD Type (Contact or Remote)
 - Classified
 - Destination Facility
 - EMWMF Confidence in Volume
 - Schedule (FY/Quarters of disposal)
 - Units
 - Component
 - Waste Origin

C.6.2.11 *Site Usage Fees*

- Includes estimated site usage fees for total applicable ORRCC onsite workforce at ORNL and Y-12 beginning October 2023. Actual costs for FY 2024 site usage fees attributable to the period October 2023 through November 26, 2023 are authorized within the Subtask 4-2 base period.
- This PWS subsection is non fee-bearing [SubCLINs 000341b and 000341b-1 (Option)].

B.6 *Funding Profile*

- Includes work based on the funding profile in the Master IDIQ for the period of performance of this subtask.

4.0 APPLICABLE DIRECTIVES

In addition to the Directives included in the Master IDIQ Contract, additional Directives are included in Attachment J-2-4 to this Subtask.

5.0 INTERFACES

In addition to the Interfaces included in the Master IDIQ Contract, additional Interfaces are included in Attachment J-3-4 to this Subtask.

6.0 DELIVERABLES

In addition to the Deliverables included in the Master IDIQ Contract, additional Deliverables are included in Attachment J-7-4 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-8-4 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:

Completion Objectives	Work Scope/Completion Criteria
Complete the Post-Retirement Medical Benefits, Long-Term Disability and Pension Contributions requirements described in Master IDIQ and TO 89303322DEM000067/89303523FEM400032 Section C.2. for the period November 27, 2023 through November 24, 2024.	<ul style="list-style-type: none">• Requirements described in Master IDIQ Section C.2 met.• Minimum Payments made in accordance with ERISA and Administrator requirements.• Minimum funding requirements met for PRMB/LTD as specified by administrator for the TO POP• Minimum requirement met per ERISA for Pension Contributions for the TO POP

<p>Provide efficient performance of general program infrastructure and support activities necessary for the execution of the ORR Cleanup Contract, as authorized by Subtasks, described in the Master IDIQ and TO 89303322DEM000067/89303523FEM400032 Section C Performance Work Statement for the following for the period November 27, 2023 through November 24, 2024:</p> <ul style="list-style-type: none"> – C.6.1.1, <i>Project Support Performance Requirements</i> – C.6.1.2 <i>Project Performance Reporting</i> – C.6.1.3 <i>Health and Safety</i> – C.6.1.4 <i>Radiation Protection</i> – C.6.1.5 <i>Nuclear Safety</i> – C.6.1.6 <i>Nuclear Criticality Safety</i> – C.6.1.7 <i>Safety Culture</i> – C.6.1.8 <i>Quality Assurance</i> – C.6.1.9 <i>Engineering</i> – C.6.1.10 <i>Environmental Protection</i> – C.6.1.11 <i>Environmental Sustainability</i> – C.6.1.12 <i>Federal Facility Agreement and Related Support</i> – C.6.1.13 <i>Records Management</i> – C.6.1.14 <i>Public Relations and Media Support</i> – C.6.1.15 <i>Legal Management</i> – C.6.1.16 <i>Safeguards and Security</i> – C.6.1.17 <i>Information Technology</i> – C.6.1.18 <i>Audit Support Services</i> – C.6.1.19 <i>Administration of Pension and Benefits Services at ORR, Portsmouth, and Paducah Sites</i> – C.6.1.20 <i>Other Program Activities</i> – C.6.2.1 <i>Reservation Management</i> – C.6.2.2 <i>Reindustrialization and Land Use Controls</i> – C.6.2.3 <i>Emergency Management and Fire Protection</i> 	<ul style="list-style-type: none"> • Requirements described in Master IDIQ Section C.6 met for all subsections except C.6.2.2 Reindustrialization and C.6.2.4 Technology Development. • All programs maintained in accordance with requirements. • For C.6.1.1, <i>Project Support Performance Requirements</i> <ul style="list-style-type: none"> ○ Annual EVMS Surveillances submitted to DOE. ○ Required management and technical information provided for each Subtask, including applicable Subtask metrics and milestone plans. ○ Subtask deliverable dates and end state completion dates documented at Subtask award and incorporated into the Subtask baseline as project-level milestones. ○ A Subtask Metrics and Milestone Plan established for each awarded Subtask, and managed under configuration control. ○ Project Management Plan updated consistent with the requirements of DOE Order 413.3B, Change 6. ○ Data provided for development of the site-wide life-cycle baseline and DOE Integrated Master Plan (IMP). ○ Project Management planning and execution performed consistent with DOE orders and standards. ○ PARS data uploads completed accurately and within established monthly reporting timeframes. ○ Project reviews and assessments supported with retrievable input and adherence to requested timeframes. ○ Evaluation of the EVMS against the EIA-748 standard by a qualified, independent third party selected by
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<ul style="list-style-type: none"> – C.6.2.5 <i>Historic Preservation and Cultural Resource Management</i> – C.6.2.6 <i>Analytical Services (Sample Management Office Integration)</i> – C.6.2.7 <i>Transportation Services</i> – C.6.2.8 <i>Waste Management</i> – C.6.2.10 <i>Support DOE Natural Resource Damage Assessment</i> 	<p>the DOE Office of Project Management complete.</p> <ul style="list-style-type: none"> ○ Earned Value and baseline data available and maintained in accordance with approved EIA 748 standards and the approved EV system description. ○ Support to DOE Independent Baseline Review(s) complete, as required. ○ Integrated and traceable Performance Measurement Baseline established and maintained consistent with OREM change control thresholds. ○ All revisions to PMB made within the approved change control process. <ul style="list-style-type: none"> ● For C.6.1.2 <i>Project Performance Reporting</i> <ul style="list-style-type: none"> ○ Monthly data received timely, accurately and in the appropriate format. ○ Accurate monthly reports submitted in accordance with Master IDIQ and Subtask requirements. ○ Subtask Metrics and Milestones plan vs. actual/forecast provided to DOE with each monthly report. ○ Waste generation forecast updates provided to DOE when baseline changes result in need for revision. ○ Workforce utilization plans provided with each monthly report. ● For C.6.1.3 <i>Health and Safety</i> <ul style="list-style-type: none"> ○ Comprehensive health screening and medical surveillance services provided for certain OREM Federal employees who conduct oversight of DOE contractor work activities. ● For C.6.1.4 <i>Radiation Protection</i> <ul style="list-style-type: none"> ○ Radiation exposure monitoring (i.e., dosimetry) and reporting services provided for OREM representatives
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	<p>and others, as requested by DOE.</p> <ul style="list-style-type: none"> • For C.6.1.8 <i>Quality Assurance</i> <ul style="list-style-type: none"> ○ All audits conducted in accordance with required schedules. • For C.6.1.9, <i>Engineering</i> <ul style="list-style-type: none"> ○ Authorities having jurisdiction expertise provided in the areas of electrical and fire protection safety, with authorities delegated by DOE. ○ Design authority responsibilities met for OF200 MTF, EMDF, and ETPP NHP. • For C.6.1.14 <i>Public Relations and Media Support</i> <ul style="list-style-type: none"> ○ Tri-annual update of the Public Involvement Plan complete. • For C.6.1.16 <i>Safeguards and Security</i> <ul style="list-style-type: none"> ○ Design Basis Threat Mitigation maintained in compliance with DOE O 470.3C following establishment of compliance with the new requirements in PWS C.5.9.2, as authorized in TO 1-05. • For C.6.1.18 <i>Audit Support Services</i> <ul style="list-style-type: none"> ○ Audits supported in timely and accurate manner. Documentation provided as requested. ○ Annual submittal of the Federal Manager's Financial Integrity Act (FMFIA) Risk Profile (Top 10 risks) ○ Annual submittal of FMFIA required internal reviews to the new AMERICA system. • For C.6.1.19 <i>Administration of Pension and Benefits Services at ORR, Portsmouth, and Paducah Sites</i> <ul style="list-style-type: none"> ○ Administered in accordance with plan. • For C.6.1.20 <i>Other Program Activities</i> <ul style="list-style-type: none"> ○ The following other program activities continued:
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	<ul style="list-style-type: none"> ▪ Procurement Management ▪ Subcontract & Purchasing Administration ▪ Small Business Advocate ▪ Finance and Accounting Management ▪ Planning/Budget and Payroll/Benefit Services ▪ Accounting and Financial Reporting ▪ Human Resources Core Functions ▪ Benefits ▪ Labor Relations ▪ Performance Assurance ▪ Site Overhead ▪ Franchise Tax ▪ Employee Recognition Awards ▪ General Expenses ▪ Project Contract Management ▪ Real Property Management ▪ Training ▪ Asset and Lease Management ○ FIMS administration responsibilities complete, including FIMS entries for OREM owned assets which are brought onsite and/or constructed by DOE Contractors who do not utilize FIMS. ○ All Memorandums of Understanding/ Memorandums of Agreement and other real property instruments tracked for OREM owned assets as well as those assets where operational control is required for cleanup. ● For C.6.2.1 <i>Reservation Management</i> <ul style="list-style-type: none"> ○ Reservation Management contributions provided in accordance with annual site wide requirements. ● For C.6.2.8 <i>Waste Management</i> <ul style="list-style-type: none"> ○ Waste generation forecast developed and maintained in alignment with PMB.
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Completion Objectives	Work Scope/Completion Criteria
	<ul style="list-style-type: none"> ○ All applicable ORR waste generation input consolidated into annual BLDD update.
<p>Provide efficient performance of general program infrastructure and support activities necessary for the execution of the ORR Cleanup Contract, as authorized by Subtasks, described in the Master IDIQ and TO 89303322DEM000067/89303523FEM400032 Section C.6.2.4 <i>Technology Development</i> for the period September 25, 2024 through September 30, 2025.</p>	<ul style="list-style-type: none"> • East Fork Poplar Creek water chemistry manipulation, soil/sediment source zone stabilization and isolation, and ecological manipulation and enhancement studies continued through FY 2025. • Bear Creek periphyton studies continued. • Complete Technology Demonstration #4 (to be performed by others identified), including completion of Test Plan, Demonstration Subcontract acquisition, Field Demonstration preparation, Field Demonstration support, and Demonstration Summary Report. • Complete Technology Demonstration #5 Test Plan, Demonstration Subcontract acquisition, and Field Demonstration Preparation. • Continue development plan for completion of Mercury Technology Demonstration effort to support necessary CERCLA actions finalized and implemented.
<p>Provide efficient performance of general program infrastructure and support activities necessary for the execution of the ORR Cleanup Contract, as authorized by Subtasks, described in the Master IDIQ and TO 89303322DEM000067/89303523FEM400032 Section C.6.2.1.1 <i>ORNL and Y-12 Site Usage Fees</i> for FY 2024 and FY 2025.</p>	<ul style="list-style-type: none"> • ORNL and Y-12 Sites reimbursed at approved annual site usage fee rate for total applicable ORRCC onsite workforce. • Site usage fees for the period 10/1/2023 through 11/26/2023 are authorized to be paid during the Subtask 4-1 period of performance.

Completion Objectives	Work Scope/Completion Criteria
<p>Identify, document, and implement, as approved by DOE, 1) reductions for non-value-added requirements and processes that impede progress and 2) efficiencies and performance improvements to reduce the actual cost and/or improve the schedule for work authorized in Subtasks for the period November 27, 2023 through November 24, 2024.</p>	<ul style="list-style-type: none"> • Documentation provided to DOE regarding reductions achieved for non-value-added requirements and processes that impede progress. • Documentation provided to DOE regarding identified efficiencies and performance improvements achieved to reduce the actual cost and/or improve the schedule for the work. • Workforce utilization plan across Subtasks provided to DOE for information and maintained with routine updates. • Workforce utilization projections by Subtask provided to DOE for incorporation into the 10-Year Task Order Strategic Plan and revisions. • Thorough and accurate cost and schedule variance analysis reports and supporting documentation provided to DOE monthly.
<p>Contribute to the Department's environmental liability and risk reduction by performing requested Subtask-specific metrics for the period November 27, 2023 through November 24, 2024.</p>	<ul style="list-style-type: none"> • Plan, measure, and report the subtask-specific metrics required per the <i>10-Year Task Order Strategic Plan</i>, including: <ul style="list-style-type: none"> ○ Site Remediated/Footprint Reduction (Acreage) ○ Square Footage Deinventoried (Square Feet) ○ Square Footage Demolished (Square Feet) ○ Contaminant Load Remediated from Soil and Other Environmental Media (yd3) [Equivalent to D&D Debris and Remediated Soil Disposed Indicator (m3, converted)] • Plan, measure, and report for IPABS all other Subtask-specific metrics applicable to the scope of work identified in Section 3.0 of each awarded Subtask.

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:

Objectives	Standard
Minimum Post-Retirement Benefit, Long-Term Disability, and Pension payments made in accordance with ERISA and Administrator requirements.	Balance maintained consistent with requirements with no deficiencies because of contractor's actions.
Applicable PARS data uploads completed accurately and within established monthly reporting timeframes.	No resubmittals after monthly due date or historic corrections
Project reviews and assessments supported with retrievable input.	Project cost and schedule data provided in electronic format that can be replicated in DOE Management Control Systems without errors.
Monthly data received timely, accurately and in the appropriate format.	Monthly data provided by 12th DOE workday with no data quality errors.
All revisions to PMB made within the approved change control process.	No violations of change control approval thresholds
All audits conducted in accordance with required schedules.	Data provided within 5 days of request, unless otherwise approved by the COR
Administration of Pension and Benefits Services at ORR, Portsmouth, and Paducah Sites	No deviations from administration plan due to contractor's actions
Task baseline representing the cost, schedule, and entire scope over the period of performance of the associated task delivered with each Task Order proposal.	Continuity gaps between task baselines and IBR(s) completed as scheduled by DOE are minimal and are addressed within 60 days of identification.
Timely response to DOE requests for additional data and information	No more than 3 day delay to requested response date, unless otherwise approved by the COR
Comprehensive health screening and medical surveillance services available for OREM Federal Employees providing oversight of contractor activities	Services available for up to 50 OREM employees annually.

Objectives	Standard
Ongoing radiation monitoring and reporting requirements met.	Services provided for up to 75 OREM employees annually.
Accurate and timely FIMS administration, including DOE-provided entries	Successful completion of annual FIMS validation audits with no red score cards.
Real property instruments tracked for all OREM-owned assets and assets within OREM operational responsibility for cleanup	No discrepancies during annual property inventories.
Accurate count of ORRCC onsite workforce at ORNL and Y-12 for determination of applicable site usage fees.	Onsite headcount verifiable within +/- 5%
Reservation Management contributions funded in accordance with the annual site wide requirements	Provide reservation management funding contributions in alignment with annual estimates obtained from the Office of Science and documented in the task order basis of estimate.
Waste generation forecast updated when task baseline changes dictate	WGF updated and submitted to meet reporting requirements with less than 5% errors
Timely communication of changes in workforce utilization projections across task orders	Workforce utilization projections across task orders updated at least quarterly, or as dictated by baseline changes.
Performance measure plans and actuals reported for all task orders monthly.	Plan is updated and submitted to meet the requirements for monthly reporting in IPABS with less than 5% errors.
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

Objectives	Standard
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 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 Base Period of Performance (POP) is from November 27, 2023 through November 24, 2024 for all Subtask Section C, Scope except PWS

C.6.2.4 and PWS C.6.2.11. The POP is from September 25, 2024 through September 30, 2025 for PWS C.6.2.4. The POP is from November 27, 2023 through September 30, 2025 for PWS C.6.2.11. 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).

The Option Period of Performance is estimated to be November 25, 2024 – September 30, 2025.

- (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: Karen Thompson
(B) Telephone number: 865/576-8787
(C) Address:
U.S. Department of Energy
Oak Ridge Office of Environmental Management
200 Administration Road
Oak Ridge, TN 37830
(D) Email address: Karen.Thompson@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. Section J-2 – Directives

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

None.

2. Attachment J-3 – Interfaces

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

None.

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-5-4-1a. Subtask Small Business Subcontracting Goals

Category	Total to be Subcontracted (\$)	Minimum Small Business Goals as a percent of total subcontracted dollars
Total Subcontracted	\$42,766,784	
Total Small Business Subcontracts	\$30,070,395	45%
Veteran-Owned Small Business (VOSB)	\$2,004,693	3%
Service-Disabled Veteran-Owned Small Business (SDVOSB)	\$2,004,693	3%
Historically Underutilized Business Zone (HUBZone)	\$2,004,693	3%
Small Disadvantaged Business	\$3,341,155	5%
Women-owned Small Business	\$3,341,155	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-5-4-1b.

Table J-5-4-1b. Government-Provided Costs Not Included in Subcontracting Goals

Reservation Management	\$3,669,042
Post-Retirement Benefits and Long-Term Disability and Pension Contribution	\$19,843,185
Site Usage Fees	\$3,338,267
Services Acquired under Parent Organization Support Plan	\$854,562

4. Attachment J-7 – Contract Deliverables

Attachment J-7-4, includes the following additional deliverables for this Subtask:

Attachment J-7-4. Task Order Specific Deliverables

Number	Deliverable	Deliverable Due Date	DOE Action Response	Reference
T4-1-001	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>
T4-1-002	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>
T4-1-003	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>
T4-1-004	Subtask Waste Generation Forecast	Final Within 30 days of Subtask issuance	Approve – 30 days	Section C.6.2.8, <i>Waste Management</i>
T4-1-005	Revised Waste Generation Forecast	When baseline changes result in a revision	Approve – 30 days	Section C.6.2.8, <i>Waste Management</i> DOE Manual 435.1-1, <i>Radioactive Waste Management</i>

Attachment J-7-4. Task Order Specific Deliverables

Number	Deliverable	Deliverable Due Date	DOE Action Response	Reference
T4-1-006	Baseline Low-Level Waste and Material Disposition Data Update(s)	Annually to support new fiscal year in accordance with data call.	Review – 30 days	DOE Manual 435.1-1, <i>Radioactive Waste Management</i>
T4-1-007	EV Self-Assessment Surveillances	Annually by September 30	Review – 30 days	Section C.6.1.1, <i>Project Support Performance Requirements</i>
T4-1-008	Annual Cleanup Progress Report	Annually by October 31*	Review – 120 days**	Section C.6.1.14, <i>Public Relations and Media Support</i>
T4-1-009	Public Involvement Plan	Every three years Next Due March 1, 2025*	Review – 180 days**	Section C.6.1.14, <i>Public Relations and Media Support</i>
T4-1-010	Project Management Plan update for DOE O 413.3B, Change 6	By September 30, 2024	Review – 30 days	Section C.6.1.1, <i>Project Support Performance Requirements</i>
T4-1-011	FMFIA Risk Profile (Top 10 Risks)	Annually, in accordance with CFO guidance	Review in accordance with CFO guidance	Section C.6.1.18, <i>Audit Support Services</i>
T4-1-012	FMFIA required internal reviews to the AMERICA system	Annually, in accordance with CFO guidance	Review in accordance with CFO guidance	Section C.6.1.18, <i>Audit Support Services</i>

Attachment J-7-4. Task Order Specific Deliverables

Number	Deliverable	Deliverable Due Date	DOE Action Response	Reference
T4-1-013	Mercury Technology Demonstrations Plan to support CERCLA clean-up actions	By September 30, 2024	Review – 30 days	Section C.6.2.4, <i>Technology Demonstrations</i>
T4-1-014	Mercury Technology Demonstration Report(s)	Within 60 days of Technology Demonstration completion by Others	Review – 30 days	Section C.6.2.4, <i>Technology Demonstrations</i>
T4-1-015	Proposed reductions to non-value-added requirements and processes that impede progress.	As identified, or at least annually	Approve – 60 days	Section C, <i>ORR Cleanup Contract Overview and Objectives</i>
T4-1-016	Proposed efficiencies and performance improvements to reduce the actual cost and/or improve the schedule for the work.	As identified, or at least annually	Approve – 60 days	Section C, <i>ORR Cleanup Contract Overview and Objectives</i>
T4-1-017	Workforce utilization projections by task order updates	Monthly, with Monthly Progress Report	Review – 30 days	Section C.6.1.1, <i>Project Support Performance Requirements</i> Section H.51, <i>Task Ordering Procedure</i>

Attachment J-7-4. Task Order Specific Deliverables

Number	Deliverable	Deliverable Due Date	DOE Action Response	Reference
Acronyms AMERICA A-123 Management of Entity Risk and Internal Controls Application CFO Chief Financial Officer DOE Department of Energy EV Earned Value FFA Federal Facility Agreement OREM Oak Ridge Office of Environmental Management TO Task Order <i>* Fully compliant regulatory submittals are due no less than 45 days in advance of FFA Appendix E milestone dates unless otherwise agreed to by DOE.</i> <i>** DOE and Regulatory Actions to follow the standard schedule protocol for primary and secondary documents established per the FFA.</i>				

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

Attachment J-8-4 includes the following additional GFS/I for this Subtask:

Table J-8-4, Task Order Specific GFS/I	
GFS/I	REQUIREMENT*
FIMS input for DOE Prime Contractors that are non-FIMS administrators	Real Property required fields for assets constructed or brought onsite by other non-FIMS administrator contractors. DOE Order 430.1C
BLDD input for scope not authorized in task orders.	BLDD required fields for other DOE Prime Contractors generating waste on the ORR and for future, uncontracted OREM scope

Appendix B.9

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

Risk ID	Title	Statement of Event	Type	Owner
TO-4-03	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-4-04	Changes in Security Requirements	If federal security requirements change, then Subtask cost and schedule performance may be impacted.	Risk/ Opportunity	DOE
TO-4-05	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-4-07	Designated Landfills Unavailable	If waste disposal facilities are not available when needed for waste disposal (e.g., due to unforeseen circumstance such as temporary closure due to violations by another DOE prime contractor or significant weather event) then there could be an impact on waste generation forecast cost performance.	Risk	DOE

Risk ID	Title	Statement of Event	Type	Owner
TO-4-09	Unexpected Hazards/Conditions (Differing site conditions)	If differing 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-4-12	Regulatory Approval Delayed/ Additional Requirements Added	If regulators takes longer than the prescribed/planned protocols to approve regulatory documents, or impose additional requirements, then Subtask performance may be impacted.	Risk	DOE
TO-4-14	Delays in internal/external DOE review/approval of required documents	If DOE takes longer than planned to review/approve documents, due to reasons other than document quality, then Subtask cost and schedule may be impacted. Documents may include DOE O 413.3B, Contract Award, Design documents, regulatory documents, waste handling plans, project management plans, etc.	Risk	DOE
TO-4-16	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-4-18	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-4-20	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

Risk ID	Title	Statement of Event	Type	Owner
TO-4-26	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-4-28	Change in Planned Quantities Needed	If planned quantities or work processes changes (i.e., materials, characterization/ verification samples, maintenance actions, overall IDIQ funding profile in B.6 for subtask 4-1) is more or less than estimated, then Subtask cost performance may be impacted.	Risk/ Opportunity	Shared: If the number of FTEs required for the fiscal period April 2024 through August 2024 deviates by more than a 25 FTE increase or decrease from the planned 500 FTEs, an adjustment to the estimated price for the Option period may be negotiated.
TO-4-31	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-4-33	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

Risk ID	Title	Statement of Event	Type	Owner
TO-4-35	NHPA Impacts Non-foreseeable	If National Historic Preservation Act (NHPA) reviews by the Tennessee State Historic Preservation Officer (SHPO) or the Council take longer than the Historic Preservation Plan (HPP) prescribed protocols, such as the Section 106 Recordation, Interpretation and Documentation for the demolition of a facility, or there is disagreement with the recommended interpretive effort then Subtask performance may be impacted, may require additional efforts.	Risk	DOE
TO-4-37	Change Waste Generation Forecast - DOE Initiated	If DOE initiates a change impacting WGF, then Subtask cost performance may be impacted.	Risk	DOE