

Oak Ridge Reservation Cleanup Contract 89303322DEM000067

Task Order 89303523FEM400032

United Cleanup Oak Ridge LLC (UCOR)

Subtask No: 0341

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



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. Total Estimated Price

Total Estimated Cost	<u>\$302,606,869</u>
Fee	<u>\$10,047,991</u>
Total Estimated Price	<u>\$312,654,860</u>

- (a) DOE-B-2001 *Cost-Plus-Fixed-Fee Task Order: Total Estimated Cost and Fixed Fee* (Oct 2014) (Revised)
- (b) DOE-B-2002 *Cost-Plus-Award-Fee Task Order: Total Estimated Cost and Award Fee* (Oct 2014) (Revised)
- (d) DOE-B-2004 *Cost Task Order-No Fee: Total Estimated Cost* (Oct 2014) (Revised)

(1) The Total Estimated Cost and Fee of the Subtask Contract Line Items are 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	<u>\$251,387,408</u>	<u>\$10,047,991</u>	<u>\$261,435,399</u>

CLIN/ SubCLIN	CLIN/SubCLIN Title	CLIN Type	Estimated Cost	Fee	Total Estimated Price*
000341b	Subtask 4-1: Site Usage Fees and Post-Retirement Benefits/Long-Term Disability/Pension and Reservation Management – Initial Term	CR (No Fee)	\$49,940,727	N/A	\$49,940,727
000341-3	Subtask 4-1 Requirements Transferred from Subtask 3	CPAF	\$1,278,734	\$0	\$1,278,734
Total Estimated Price			<u>\$302,606,869</u>	<u>\$10,047,991</u>	<u>\$312,654,860</u>

Acronyms:

CLIN	Contract Line Item Number	CR	Cost Reimbursable
CPAF	cost-plus-award-fee	N/A	Not applicable
CPIF	cost-plus-incentive-fee		

**This Subtask is subject to reopening following receipt of audit of UCOR by an auditing firm retained by DOE. Therefore, the parties agree that the 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.*

(2) 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 (excluding SubCLIN 000341-3).

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 and Pension, Subtask 1

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.

Executive Order 14028 established the prevention, detection, assessment, and remediation of cyber incidents as a top priority and essential to national and economic security. In January 2022, the Office of Management and Budget released M-22-09, Moving the U.S. Government Toward Zero Trust Cybersecurity Principles, which mandates a federal zero trust architecture (ZTA) strategy, requiring agencies to meet specific cyber security standards and objectives. This Subtask includes completion of select activities to establish compliance with EO 14028 and M-21-31, Improving the Federal Government's Investigative and Remediation Capabilities Related to Cybersecurity Incidents.

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

Subtask 4-1 Requirements Transferred from Subtask 3 (SubCLIN 000341-3)

- ***C.5.9.2 Design Basis Threat Mitigation***

- **C.6 Core Functions (including the following PWS Subsections)**
 - C.6.1.17 Information Technology
 - C.6.2.4 Technology Development

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 September 30, 2025.

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 September 30, 2025, 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.

An OREM Reservation-wide Excavation Penetration Program that provides planning and implementation of long-term land use controls that ensure protectiveness and meet CERCLA requirements as described in Master IDIQ C.6.2.2, *Reindustrialization and Land Use Controls*.

Implementation of the requirements detailed in DOE Order 436.1A, Departmental Sustainability Contractor Requirements Document (CRD).

The completion of select Cybersecurity Projects pertaining to Executive Order 14028, Improving the Nation's Cybersecurity. This will be completed through upgrading existing programs and standing up new programs, as applicable, to meet the Zero Trust Architecture.

- **C.6.1.17, Information Technology**

- **Establish a unique WBS to ensure the scope and funding for HQ-Funded Cyber Modernization is differentiated from other PWS C.6.1.17 scope authorized in Subtasks 4-1 and 4-2.**
- **The DOE OCIO is funding the completion of HQ-Funded Cyber Modernization. The maximum value of services for HQ-Funded Cyber Modernization and associated allocation of general and administrative costs shall not exceed the funding allocated by the DOE OCIO for completion of the authorized scope.**
- **Under the Identity Pillar of the ZTA, implement and enforce the Zero Trust policy through upgrade of existing and implementation of new software. The below will address all five pillars of the ZTA making the system more secure and compliant with the National Institute of Standards and Technology (NIST) requirements.**
- **Complete implementation of requirements associated with EO 14028, including:**
 - **Under the Device Pillar of ZTA, implement endpoint management with InTune, and MS Defender.**
 - **Under the Data Pillar, implement data labeling, Data Loss Prevention (DLP) policies, and enterprise policy enforcement.**
 - **Under the Visibility Pillar, deploy MS Defender for Endpoint (MDE) with Sentinel Endpoint Detection and Response (EDR), and Varonis.**
 - **Under the Network /Environment Pillar, deploy Cisco port security and licensing for VCenter and Veeam.**
 - **Set up an isolated standalone maintenance/monitoring zone for Industrial Control System (ICS) environments; ensure that all ICS environments are patched and collecting the correct logs and being monitored routinely by cyber.**
- **Provide monthly updates to the DOE Office of Chief Information Office (OCIO). This will verify software/ZTA completion.**

Completion of the transferred requirements from Subtask 3, including:

– *C.5.9.2 Design Basis Threat Mitigation*

- Complete the remaining 27% of the following end state completion objectives:
 - Resolve and incorporate comments as required to obtain approval of Design Basis Threat implementation plan and begin implementation of mitigating actions.
 - Complete DBT Mitigation implementation, including:
 - Complete Federal Risk Acceptance Package;
 - Complete Validation Plan;
 - Complete Compliance Letter; and,
 - Complete project management and project support through approval of compliance.
- Complete Deliverable T3-063 - *Submit for DOE approval, UCOR compliance*

with DBT.

- *C.6.1.17 Information Technology*
 - Complete remaining 4% of negotiated completion objectives, including digital transformation activities.
- *C.6.2.4 Technology Development*
 - Complete remaining 4% of the negotiated completion objectives, including:
 - Continue East Fork Poplar Creek water chemistry manipulation, soil/sediment source zone stabilization and isolation, and ecological manipulation and enhancement studies.
 - Continue Bear Creek periphyton studies.
 - Continue planning and documentation of Technology Demonstrations to be performed by others.
 - Complete the final Certified for Construction (CFC) design and subcontract procurement for DARA facility modifications to provide a test facility for ORNL and Y-12 cleanup projects.
 - Continue Technology Development, ensuring continuity of ongoing studies through FY 2024.
 - Complete subcontract award, test plan, field demonstration preparation and support, and Summary Report for the third Technology Demonstration (demonstration to be performed by others).
 - Complete Deliverable T3-083, Mercury Technology Demonstration # 3 Report(s).

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. Option was exercised without adjustment.

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].

C.5.9.2 Design Basis Threat Mitigation

- No physical facility upgrades will be necessary to support implementation of the order.

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 ETTP NHP Viewing Platform and Site Improvements through completion of PWS C.5.7.2, as authorized in Subtask 10-1 or another Subtask.

C.6.1.11 Environmental Sustainability

- **Upgrades to the Environmental Management System will be completed to conform with ISO 14001-2015 but certification is excluded.**
- **DOE Order 436.1A does not apply to non-EM owned facilities. Evaluation of existing facilities and reporting in the Sustainability Dashboard in compliance with the Guiding Principles for Sustainable Federal Buildings is applicable only to EM-owned facilities.**
- **DOE Order 436.1A, and specifically metering requirements, are not applicable to excessed facilities that are planned for demolition over the next ten years.**
- **Exceptions to DOE O 436.1A requirements for 413 Demo projects will be included in subtask-specific requirements within the subtask authorizing the demolition project scope.**
- **Full transition to Zero Emission Vehicle (ZEV) Fleet may be phased due to availability and funding.**
- **Exceptions to DOE Order 436.1A for in-process/ongoing design or construction projects will be identified in the applicable subtask authorizing document.**
- **Specific impacts for future new construction projects may be addressed via future requests for proposal, as applicable.**
- **Implementation and maintenance per ISO 50001 is not required. Future consideration of ISO 50001 requirements may be applied on a case-by-case basis, as needed, and included in a future subtask request for proposal.**
- **Development of an OREM Utility Service Procurement Plan is excluded.**

- **Vulnerability Assessments and Resilience Plans (VARPs) will be developed. Future implementation may occur on a case-by-case basis and may be included in a future request for proposal, as applicable.**
- **Engagement with Tribal authorities regarding OREM operations is not applicable.**
- **Site Sustainability Plans, data, and other relevant documentation will be prepared and uploaded into the Sustainability Dashboard. Schedules to document conformance with Sustainability Dashboard reporting will be provided with proposal.**

C.6.1.17, Information Technology

- **The DOE OCIO is funding the completion of select Cybersecurity Projects pertaining to EO 14028. The maximum value of services under Subtask 4-1 and associated allocation of general and administrative costs shall not exceed the funding allocated by the DOE OCIO for completion of the authorized scope.**

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 (SubCLIN 000341b).

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.
- OREM Reservation-wide Excavation Penetration Program and implementing Procedure will be contractor owned and operated but initial Program and updates include OREM approval.
- The Contractor will coordinate and manage stakeholder engagement, in coordination with OREM.
- Activities will include oversight responsibility for excavations, regardless of depth.
- Materials will be managed until declared waste for shipping by the Contractor or appropriate federal waste authority, within a timeframe that is agreed-upon with OREM and within legal requirements.
- The Contractor may establish a temporary storage area or similar, in coordination with OREM, but no site-wide Spoil Area will be established for private land-owner use. Access controls will be used to prevent unnecessary access by workers or members of the public.
- Upon declaration of “waste”, the Contractor will promptly package and ship waste(s) as

required by law.

- The Contractor will develop a tracking system, ideally as an add on to the current Land Use Manager Database, detailing waste information (i.e. description, quantity, radiological results, and waste disposal path/location).
- Oversight will be provided based on private owner request or notification via a Tennessee-811 notification.
- Legacy materials(s) attributable to DOE operations that are uncovered by private landowners, which exceed applicable federal regulation(s) and/or DOE O(s), will become DOE responsibility upon notification and DOE verification. Any such material(s) whose accidental release is made worse due to the action(s) of the private landowner will be the responsibility of the private landowner.
- Material(s) attributable to DOE operations which do not exceed applicable federal regulation(s) and/or DOE Order(s) will be the responsibility of the landowner. Material(s) uncovered by private landowners as a result of intentional violation of a land use control or remedy restriction are the responsibility of the private landowner.
- While DOE does not possess enforcement authority, any observed alteration of remedies in place will be reported at a minimum to DOE.
- The Reservation-wide Excavation Penetration Program is applicable to sites previously owned by Office of Environmental Management in Oak Ridge, not just East Tennessee Technology Park.

C.6.2.3 Emergency Response

- ETTP 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 and FY 2025 site usage fees attributable to the period October 2023 through September 30, 2025, are authorized within the Subtask 4-2 base period.
- This PWS subsection is non fee-bearing (SubCLIN 000341b).

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, no additional Directives are included in 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 September 30, 2025.	<ul style="list-style-type: none"> • Requirements described in Master IDIQ Section C.2 met. <ul style="list-style-type: none"> • 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

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 September 30, 2025:

- 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.6.2.1 *Reservation Management*
- C.6.2.2 *Reindustrialization and Land Use Controls*
- C.6.2.3 *Emergency Management and Fire Protection*
- C.6.2.5 *Historic Preservation and Cultural Resource Management*
- C.6.2.6 *Analytical Services (Sample*

- 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, *Project Support Performance Requirements*
- 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 the DOE Office of Project Management complete.
- Earned Value and baseline data available and maintained in accordance with approved EIA 748 standards and the approved EV system

<p><i>Management Office Integration)</i></p> <ul style="list-style-type: none"> - 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>description.</p> <ul style="list-style-type: none"> ○ 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> ○ 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. <ul style="list-style-type: none"> ● For C.6.1.3 <i>Health and Safety</i> ○ Comprehensive health screening and medical surveillance services provided for certain OREM Federal employees who conduct oversight of DOE contractor work activities. <ul style="list-style-type: none"> ● For C.6.1.4 <i>Radiation Protection</i> ○ Radiation exposure monitoring (i.e., dosimetry) and reporting services provided for OREM representatives and others, as requested by DOE. <ul style="list-style-type: none"> ● For C.6.1.8 <i>Quality Assurance</i> ○ All audits conducted in accordance with required schedules. <ul style="list-style-type: none"> ● For C.6.1.9, <i>Engineering</i> ○ Authorities having jurisdiction expertise provided in the areas of electrical and fire protection safety, with authorities delegated by DOE.
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	<ul style="list-style-type: none">○ Design authority responsibilities met for OF200 MTF, EMDF, and ETTP NHP.<ul style="list-style-type: none">● For C.6.1.14 <i>Public Relations and Media Support</i>○ Tri-annual update of the Public Involvement Plan complete.<ul style="list-style-type: none">● For C.6.1.16 <i>Safeguards and Security</i>○ 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.<ul style="list-style-type: none">● For C.6.1.18 <i>Audit Support Services</i>○ 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.<ul style="list-style-type: none">● For C.6.1.19 <i>Administration of Pension and Benefits Services at ORR, Portsmouth, and Paducah Sites</i>○ Administered in accordance with plan.<ul style="list-style-type: none">● For C.6.1.20 <i>Other Program Activities</i>○ The following other program activities continued:<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
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Completion Objectives	Work Scope/Completion Criteria
	<ul style="list-style-type: none"> ▪ 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. ○ 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

Completion Objectives	Work Scope/Completion Criteria
	<p>Preparation.</p> <ul style="list-style-type: none"> • 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.
<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 September 30, 2025.</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 September 30, 2025.</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

Completion Objectives	Work Scope/Completion Criteria
	Soil Disposed Indicator (m3, converted)] <ul style="list-style-type: none"> • 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.
An OREM Reservation-wide Excavation Penetration Program that provides planning and implementation of long-term land use controls that ensure protectiveness and meet CERCLA requirements for the period October 1, 2024, through September 30, 2025	<ul style="list-style-type: none"> • Develop, maintain, and operate a comprehensive Excavation Penetration Program. • Utilize TNOneCall (aka: TN811) to inform of pending excavations and respond promptly. • Provide RadCon support for excavations. • Expand outreach efforts between Contractor/DOE and new property owners/operators. • Develop mechanism(s) allowing for rapid response action as necessary if radiological contamination is discovered. • Develop process and reporting mechanism to include characterization, material storage, and waste disposal for any future uncovered items or materials.
<p><u>Implementation of the requirements detailed in DOE Order 436.1A, Departmental Sustainability CRD.</u></p>	<ul style="list-style-type: none"> • <u>Implement the CRD consistent with assumptions provided in Section 3.0.</u> • <u>Continue the incremental effort required to maintain compliance with the CRD.</u>
<p><u>For HQ-Funded Cyber Modernization: Under the Identity Pillar of the ZTA, implement and enforce the Zero Trust policy through upgrade of existing and implementation of new software to meet requirements associated with EO 14028.</u></p>	<ul style="list-style-type: none"> • <u>Purchase, Test, Install and Implement the following aspects:</u> <ul style="list-style-type: none"> ○ <u>Under the Device Pillar of ZTA, implement endpoint management with InTune, and MS Defender.</u> ○ <u>Under the Data Pillar, implement data labeling, DLP policies, and enterprise policy enforcement.</u> ○ <u>Under the Visibility Pillar, deploy MDE with Sentinel EDR, and Varonis.</u> ○ <u>Under the Network / Environment Pillar, deploy Cisco port security and licensing for VCenter and Veeam.</u> ○ <u>Set up an isolated standalone maintenance/monitoring zone for ICS environments; ensure that all ICS environments are patched and collecting the correct logs and being monitored routinely by cyber.</u> • <u>Provide monthly updates to the Office of Chief Information Office. This will verify</u>

Completion Objectives	Work Scope/Completion Criteria
	<p><u>software/ZTA completion.</u></p> <ul style="list-style-type: none"> • <u>Procurement and/or deployment of required software, hardware, and policies shall be completed within FY 2025.</u> • <u>Complete renewal of licenses, maintenance of functionality, and training to new requirements through FY 2025.</u>

In addition, the performance requirements, made up of objectives and respective standards, for this Subtask will be used to determine quality of performance in CPARS evaluation and PMI for SubCLIN 000341a, 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

Objectives	Standard
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.
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

Objectives	Standard
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 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 Subtask Base Period of Performance (POP) is from November 27, 2023, through September 30, 2025 for all Subtask Section C, Scope except PWS C.6.2.4, PWS C.6.2.9, PWS C.6.2.11 and SubCLIN 000341-3. 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 POP is from October 1, 2024, through September 30, 2025, for PWS C.6.2.2 Reservation-wide Excavation Penetration Permit Program. The POP is from October 1, 2024, through October 21, 2025, for SubCLIN 000341-3. 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: 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

Section H of the Master IDIQ Contract and Task Order 89303523FEM400032 is incorporated by reference.

Section I – Contract Clauses

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

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

In addition to the following requirements, Section J of the Master IDIQ Contract and Task Order 89303523FEM400032 is incorporated by reference:

1. Attachment J-3 – Interfaces

Attachment J-3-4 includes the following additional Interfaces specific to this subtask: reference:

<u>Attachment J-3-4, Subtask Specific Interfaces</u>	
<u>Category</u>	<u>Description of Interface</u>
<u>Cybersecurity Modernization</u>	<u>For HQ-Funded Cyber Modernization, the ORRCC Contractor shall coordinate with the Department of Energy Office of Chief Information Officer (OCIO) and Local OREM Cyber Subject Matter Expert SME) to collaborate and execute assigned, HQ-funded Cyber Modernization tasks in accordance with EO 14028 and revised NIST standard and provide monthly cyber project</u>

<u>Attachment J-3-4, Subtask Specific Interfaces</u>	
<u>Category</u>	<u>Description of Interface</u>
	<u>presentation updates. The presentation template will be provided by OCIO and the ORRCC Contractor shall provide the requested data.</u>

2. 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>

Attachment J-7-4. Task Order Specific Deliverables

Number	Deliverable	Deliverable Due Date	DOE Action Response	Reference
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>
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>

Attachment J-7-4. Task Order Specific Deliverables

Number	Deliverable	Deliverable Due Date	DOE Action Response	Reference
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>
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>
<u>T4-1-018</u>	<u>Site Sustainability Plan</u>	<u>Annually beginning 8/30/2025</u>	<u>Approve – 30 days</u>	<u>DOE O 436.1A, Departmental Sustainability</u>

Attachment J-7-4. Task Order Specific Deliverables

Number	Deliverable	Deliverable Due Date	DOE Action Response	Reference
<u>T4-1-019</u>	<u>Environmental Management System Report</u>	<u>Annually by January 31, beginning 1/31/2025</u>	<u>Information</u>	<u>DOE O 436.1A, Departmental Sustainability Attachment J-7, M-044, Data to Support DOE's Submittal of Reports and Implementation of Sustainability Goals</u>
<u>T4-1-020</u>	<u>Environmental Management System Independent Review Report</u>	<u>May 1 of every 3 years, beginning 5/1/2025</u>	<u>Information</u>	<u>DOE O 436.1A, Departmental Sustainability Attachment J-7, M-044, Data to Support DOE's Submittal of Reports and Implementation of Sustainability Goals</u>
<u>T4-1-021</u>	<u>Vulnerability Assessment and Resilience Plan</u>	<u>By 8/30/2025, then every 4 years</u>	<u>Approve – 30 days</u>	<u>DOE O 436.1A, Departmental Sustainability Attachment J-7, M-044, Data to Support DOE's Submittal of Reports and Implementation of Sustainability Goals</u>

Attachment J-7-4. Task Order Specific Deliverables

Number	Deliverable	Deliverable Due Date	DOE Action Response	Reference
<u>T4-1-022</u>	<u>Zero Emission Vehicle Strategic Plan</u>	<u>By 8/30/2025</u>	<u>Approve – 30 days</u>	<u>DOE O 436.1A, Departmental Sustainability Attachment J-7, M-044, Data to Support DOE’s Submittal of Reports and Implementation of Sustainability Goals</u>
<u>T4-1-023</u>	<u>Input to Support Environmental Justice Plan</u>	<u>By 8/30/2025</u>	<u>Approve – 30 days</u>	<u>DOE O 436.1A, Departmental Sustainability Attachment J-7, M-044, Data to Support DOE’s Submittal of Reports and Implementation of Sustainability Goals</u>
<u>T4-1-024</u>	<u>Waste Management Plan</u>	<u>By 8/30/2025</u>	<u>Approve – 30 days</u>	<u>DOE O 436.1A, Departmental Sustainability Attachment J-7, M-044, Data to Support DOE’s Submittal of Reports and Implementation of Sustainability Goals</u>

Attachment J-7-4. Task Order Specific Deliverables

Number	Deliverable	Deliverable Due Date	DOE Action Response	Reference
<u>T4-1-025</u>	<u>Data Center Evaluation Plan</u>	<u>By 8/30/2025</u>	<u>Approve – 30 days</u>	<u>DOE O 436.1A, Departmental Sustainability Attachment J-7, M-044, Data to Support DOE’s Submittal of Reports and Implementation of Sustainability Goals</u>
<u>T4-1-026</u>	<u>Sustainability Dashboard Input</u>	<u>By 9/30/2025, or due date established in request for Dashboard update(s)</u>	<u>Information</u>	<u>DOE O 436.1A, Departmental Sustainability Attachment J-7, M-044, Data to Support DOE’s Submittal of Reports and Implementation of Sustainability Goals</u>
T4-1-027	Reserved			
T4-1-028	Reservation-wide Excavation Penetration Program Procedure	6/30/2025	Approve – 30 days	Section C.6.2.2, <i>Reindustrialization and Land Use Controls</i>
T4-1-029	Reservation-wide Excavation Penetration Program Tracking System	6/30/2025	Approve – 30 days	Section C.6.2.2, <i>Reindustrialization and Land Use Controls</i>
T4-1-030	Reserved			

Attachment J-7-4. Task Order Specific Deliverables

Number	Deliverable	Deliverable Due Date	DOE Action Response	Reference
T3-063	Submit for DOE approval, UCOR compliance with DBT	By 10/21/2025	DOE Approval	Section C.5.9.2, <i>Design Basis Threat Mitigation</i>
T3-083	Mercury Technology Demonstration # 3 Report(s)	Within 60 days of Technology Demonstration completion by Others	Review – 30 days	Section C.6.2.4, Technology Demonstrations
<u>T4-4-001</u>	<u>Performance Measurement Baseline</u>	<u>Final update to the CO within 30 days of Subtask 4-1 Modification 4 issuance</u>	<u>Approve – 30 days</u>	<u>Section C.6.1.1, Project Support Performance Requirements</u> <u>Section H.51, Task Ordering Procedure</u>
<u>T4-4-002</u>	<u>Integrated Master Schedule</u>	<u>Final update to the CO within 30 days of Subtask 4-1 Modification 4 issuance</u>	<u>Approve – 30 days</u>	<u>Section C.6.1.1, Project Support Performance Requirements</u> <u>Section H.51, Task Ordering Procedure</u>
<u>T4-4-003</u>	<u>Final Implementation/ Software Acceptance report for HQ-Funded Cyber Modernization Scope</u>	<u>Within 30 days of final software validation and acceptance</u>	<u>Approve- 30 days</u>	<u>EO 14028 Improving the Nation's Cybersecurity</u>

Attachment J-7-4. Task Order Specific Deliverables

Number	Deliverable	Deliverable Due Date	DOE Action Response	Reference
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¹The DOE action is defined as follows:

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

Acronyms

AMERICA	A-123 Management of Entity Risk and Internal Controls Application
CFO	Chief Financial Officer
DOE	Department of Energy
<u>EO</u>	<u>Executive Order</u>
EV	Earned Value
FFA	Federal Facility Agreement
OREM	Oak Ridge Office of Environmental Management
TO	Task Order

** 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.*

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

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

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

Attachment 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
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

Risk ID	Title	Statement of Event	Type	Owner
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
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

Risk ID	Title	Statement of Event	Type	Owner
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. Option was exercised without adjustment.
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