

The purpose of this modification is to:

- (1) Modify Table B.2 to increase the Estimated cost (+\$15,133,667) and Fixed Fee (\$605,347) within CLIN/SubCLIN 000392a for extension of the period of performance for Subtask 9-2a, Modification 5: *OF200 MTF, Subtask 2a – Initial Site Responsibility, Procurements, and Construction Activities* through December 22, 2024.
- (2) Modify Attachment J-15-3 to increase the Total Maximum Value of Services by \$15,739,014, for Subtask 000392, Subtask 9-2a, Modification 6: *OF200 MTF, Subtask 2a – Initial Site Responsibility, Procurements, and Construction Activities*.
- (3) Award Attachment J-15-3-09-02, Modification 6: *Subtask 9-2a, Modification 6: OF200 MTF, Subtask 2a – Initial Site Responsibility, Procurements, and Construction Activities*. Additions to Subtask 9-2a included in Subtask 9-2a, Modification 6 are denoted by **bold, double-underline**.

Task Order 89303523FEM400032 Table B.2 and Section J-15 are deleted in entirety and replaced with the following pages.

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

1. Task Order Number: 89303523FEM400032	2. Task Order Revision Number: 39
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.	

Table B-2. Task Order CLIN Structure

CLIN/ SubCLIN	CLIN/SubCLIN Title	CLIN/SubCLIN Type	Estimated Cost	Target Cost	Firm Fixed Price	Award Fee	Fixed Fee	Target Fee	Minimum Fee	Maximum Fee	PMI
00033	Subtask 3 – End States Phase-In (Revision 6)	Hybrid (CPAF/CR)	\$694,024,270			\$50,895,900					
00033-a	End States Phase In, Revision 6 (fee-bearing)	CPAF	\$655,502,495			\$50,895,900					
00033-b	End States Phase In, Revision 6 - Site Usage Fees	CR	\$2,473,358			N/A					
00033-c	End States Phase In, Revision 6 - Post-Retirement Medical Benefits, Long-Term Disability, and Pension and Reservation Management (GFC)	CR	\$36,048,417			N/A					
000341	Subtask 4-1 Core Functions and PRB/LTD and Pension - Phase 1 (Initial Term)	Hybrid (CPFF/CR)	\$298,696,314				\$9,950,223				
000341a	Subtask 4-1: Core Functions – Initial Term	CPFF	\$132,461,082				\$5,298,443				
000341b	Subtask 4-1: Site Usage Fees and Post-Retirement Benefits/Long-Term Disability/Pension and Reservation Management – Initial Term	CR	\$26,850,495								
000341a-1	Subtask 4-1: Core Functions – Initial Term (Priced Option)	CPFF	\$116,294,505				\$4,651,780				
000341b-1	Subtask 4-1: Site Usage Fees and Post-Retirement Benefits/Long-Term Disability/Pension and Reservation Management – Initial Term (Priced Option)	CR	\$23,090,232								
000342	Subtask 4-2 - ICAM Implementation	CPFF	\$774,095				\$30,964				

CLIN/ SubCLIN	CLIN/SubCLIN Title	CLIN/SubCLIN Type	Estimated Cost	Target Cost	Firm Fixed Price	Award Fee	Fixed Fee	Target Fee	Minimum Fee	Maximum Fee	PMI
000343	Subtask 4-3: HQ-Funded Technology Development	CPFF	\$375,000				\$15,000				
000351	Subtask 5-1 - ORNL Operations and Cleanup End States	CPIF		\$689,295,965				\$38,407,408	\$0	\$102,876,985	\$20,575,397
000361	Subtask 6-1 - Y-12 Operations and Cleanup End States	CPIF		\$343,207,500				\$27,285,050	\$0	\$51,159,469	\$15,347,841
000370	Subtask 7, ETTP Soil Remediation End State, Modification 2	CPIF		\$41,164,287				\$3,293,143		\$6,174,643	\$1,234,928
000381	Subtask 8-1 - EMDF Early Site Prep	CPIF		\$22,277,370				\$1,782,190	\$0	\$3,341,606	\$668,321
000382	Subtask 8-2, Mod 3 - EMDF Groundwater Field Demo/Balance of Construction	CPIF		\$208,228,070				\$12,444,657	\$0	\$31,111,643	\$6,222,329
000382	Subtask 8-2, Mod 3 - EMDF Groundwater Field Demo/Balance of Construction	CPIF		\$207,410,956				\$12,444,657	\$0	\$31,111,643	\$6,222,329
000382-2	Subtask 8-2, Mod 3: EMDF Merchantable Timber Harvesting Priced Option	CPIF		\$817,114							
000391	Subtask 9-1 - OF200 MTF Subtask 1	CPFF	\$9,877,348				\$395,094				
000392	Subtask 9-2 - OF200 Construction and Commissioning End State, Modification 6	Hybrid	<u>\$33,003,217</u>				<u>\$1,320,129</u>				
000392a	Subtask 9-2a - OF200 Initial Site Responsibility, Procurements, and Construction Activities, Modification 6 (Change Order)	CPFF	<u>\$33,003,217</u>				<u>\$1,320,129</u>				
000393	Subtask 9-3 - OF200 MTF Onboarding and Training	FFP			\$ 1,142,912						

CLIN/ SubCLIN	CLIN/SubCLIN Title	CLIN/SubCLIN Type	Estimated Cost	Target Cost	Firm Fixed Price	Award Fee	Fixed Fee	Target Fee	Minimum Fee	Maximum Fee	PMI
0003101	Subtask 10-1 - ETPP Final Groundwater RODs/Remedies/Closure, Subtask 1										
0003101a	Subtask 10-1a - ETPP Final Groundwater RODs/Remedies/Closure, Subtask 1a	CPFF	\$7,692,876				\$307,715				
0003171	Subtask 17-1 - Y-12 Infrastructure	CPIF		\$22,863,422				\$1,829,074	\$0	\$3,429,513	\$685,903

Acronyms:

BOC	Balance of Construction	LTD	Long-Term Disability
CLIN	Contract Line Item Number	Mod	Modification
CR	cost-reimbursement	MTF	Mercury Treatment Facility
EMDF	Environmental Management Disposal Facility	OF200	Outfall 200
ETTP	East Tennessee Technology Park	ORNL	Oak Ridge National Laboratory
FFP	Firm Fixed Price	PRB	Post-Retirement Benefits
GFC	Government-Furnished Cost	ROD	Record of Decision
GWFD	Groundwater Field Demonstration	TBD	To be determined
		Y-12	Y-12 National Security Complex

Attachment J-15, *Task Order Tracking Matrix*, includes this Task Order as Attachment J-15-3, *End States Task Order*. Additionally, this Task Order includes the following Subtasks that are specific to this Task Order with a Total Maximum Value of Services of **\$2,633,631,529**:

Attachment J-15-3, End States Task Order - Subtask Tracking Matrix							
SubTask #	Section J Attachment #	Issue Date	Subtask Title	Subtask Type	Subtask Period of Performance		Maximum Value of Services ¹
					Start	End	
000391	J-15-3-09-01	7/21/2023	Subtask 9-1: Mission Support Facility – OF200 MTF Line Item	CPFF	7/24/2023	1/27/2025	\$10,272,442
000381	J-15-3-08-01	7/24/2023	Subtask 8-1: EMDF - Early Site Preparation	CPIF*	7/24/2023	9/11/2024	\$25,618,976

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

SubTask #	Section J Attachment #	Issue Date	Subtask Title	Subtask Type	Subtask Period of Performance		Maximum Value of Services ¹
					Start	End	
000342	J-15-3-04-02	8/21/2023	Subtask 4-2: Core Functions - ICAM Implementation	CPFF	8/21/2023	10/18/2024	\$805,059
000341	J-15-3-04-01	11/20/2023	Subtask 4-1: Core Functions and Post-Retirement Benefits/Long-Term Disability/Pension – Initial Term	Hybrid (CPFF/CR)	11/27/2023	9/30/2025**	\$308,646,537**
0003101	J-15-3-10-1	11/20/2023	Subtask 10-1: ETTP Final RODs/Remedies/ Closure	CPFF	11/27/2023	9/30/2024	\$8,000,591
0003171	J-15-3-17-1	11/20/2023	Subtask 17-1: Infrastructure for Y-12 Cleanup	CPIF*	12/4/2023	4/28/2026	\$26,292,935
000351	J-15-3-05-01	11/22/2023	Subtask 5-1: ORNL Operations and Cleanup End States	CPIF*	11/27/2023	4/13/2033	\$792,172,950
000382	J-15-3-08-02, Modification 3	2/26/2024	Subtask 8-2: EMDF - GWFD and BOC - Modification 3	CPIF*	11/16/2023	5/9/2030	\$239,339,713***
000393	J-15-3-09-03	04/02/2024	Subtask 9-3: OF200 MTF – Onboarding and Training	FFP	11/16/2023	4/30/2024	\$1,142,912
000361	J-15-3-06-01, Modification 1	05/13/2024	Subtask 6-1: Y-12 Operations and Cleanup End States	CPIF*	11/27/2023	1/21/2032	\$394,366,969
00033	J-15-3-03, Revision 6	6/7/2024	Subtask 3: End State Phase-In, Revision 6	Hybrid (CPAF/CR)	10/1/2022	03/31/2025	\$744,920,170
000370	J-15-3-07, Modification 2	6/14/2024	Subtask 7: ETTP Soils Remediation End State, Modification 2	CPIF*	7/24/2023	7/16/2026	\$47,338,930
000343	J-15-3-04-03	6/21/2024	Subtask 4-3: HQ-Funded Technology Development	CPFF	6/21/2024	3/31/2025	\$390,000
000392	J-15-3-09-02, Modification 6	7/12/2024	Subtask 9-2, Modification 6: OF200 MTF Construction	Hybrid	11/16/2023	<u>12/22/2024</u>	<u>\$34,323,345</u>

Oak Ridge Cleanup Contract 89303322DEM000067/

89303322DEM000067/89303523FEM400032

United Cleanup Oak Ridge LLC (UCOR)

Subtask No: 000392

Subtask 9-2a, **Modification 6** : OF200 MTF, Subtask 2a – Initial Site
Responsibility, Procurements, and Construction Activities



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

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Section B – Supplies or Services and Prices/Costs

This Subtask work shall be performed under Contract Line Item Number (CLIN)-00003 of the Oak Ridge Reservation Cleanup Contract (ORRCC) Master Indefinite Delivery/Indefinite Quantity (IDIQ) Contract (herein referred to as the Master IDIQ Contract). Section B of the Master IDIQ Contract and Task Order 89303322DEM000067/89303523FEM400032 is incorporated by reference.

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

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

B.2 Type of Subtask

(1) This is a hybrid type Subtask which may include Contract Line Item types as defined in the Master IDIQ Contract.

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

(1) SubCLIN 000392a is Cost-Plus-Fixed-Fee contract line item type. In accordance with the clause at FAR 52.216-8, *Fixed Fee*, the total estimated cost and fixed-fee is below.

(2) 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
0003	ORRCC End State Task Orders 89303322DEM000067/89303523FEM400032				
000392	Subtask 9-2: OF200 MTF Construction and Commissioning				
000392a	Subtask 9-2a: OF200 MTF Phase III: Initial Site Responsibility, Procurements, and Construction Activities	CPFF	<u>\$33,003,217</u>	<u>\$1,320,129</u>	<u>\$34,323,345</u>

CLIN/ SubCLIN	CLIN/SubCLIN Title	CLIN Type	Estimated Cost	Fee	Total Estimated Price
Total			<u>\$33,003,217</u>	<u>\$1,320,129</u>	<u>\$34,323,345</u>

(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 Subtask 9-2a.

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 9-2: OF200 MTF, Subtask 2 – Construction and Commissioning End State

1.0 INTRODUCTION

This Modification (changes denoted by bold double-underline) extends the Clause F.3 Period of Performance (POP) through December 22, 2024 and increases the estimated cost and fixed-fee for Subtask 9-2a: OF200 MTF Phase III: Initial Site Responsibility, Procurements, and Construction Activities within SubCLIN 000392a for the POP extension.

Modification 5 definitizes Change Order Modification P00013; as modified by Modification P00025; Modification P00026; Modification P00028; and, Modification P00034 to establish the estimated cost and fixed-fee for Subtask 9-2a: *OF200 MTF Phase III: Initial Site Responsibility, Procurements, and Construction Activities* within SubCLIN 000392a through July 19, 2024.

This is an end states Subtask. The desired outcome for *Mission Support Facility – OF200 MTF Line Item* is successful commissioning and subsequent reliable operations of the Outfall (OF) 200

Mercury Treatment Facility (MTF) as described in Master IDIQ and Task Order 89303322DEM000067/89303523FEM400032 Section C.5.6.

The OF200 MTF is designed to treat up to 3,000 gallons of surface water per minute and store two million gallons of excess stormwater. It will be comprised of two components at two locations — a headworks facility and a treatment plant— connected by a pipeline nearly a mile long. The headworks facility will capture creek flow, store excess stormwater collected during large rainfalls, remove grit, and pump water through the pipeline to the treatment plant. The treated water will then flow back into the creek.

The OF200 MTF is a line-item construction project (Line Item 14-D-403) with an approved performance baseline. The project will not meet an element of the current Performance Baseline. A performance baseline change is expected to be approved in the third quarter of FY2024.

The OF200 MTF construction was initiated under another DOE Prime contract that expires on December 25, 2023, and will not be extended. Operational responsibility for the OF200 MTF Site will be assigned to the ORRCC Contractor in November 2023 to enable the completion of the remaining OF200 MTF construction by the ORRCC Contractor.

The desired outcome for *Mission Support Facility – OF200 MTF Line Item* will be achieved in two Subtask phases that will be negotiated and awarded in increments as described in Section 3.0, *Scope*. The Subtask phases include:

- Subtask 9-2a (*Term*): Initial Site Responsibility, Procurements, and Construction Activities - This Subtask immediately follows receipt of the construction transition package from the DOE's Prime Contractor and the ORRCC Contractor's acceptance of operational responsibility for the OF200 MTF facility site and will continue until the start of Subtask 9-2b activities. Support activities initially authorized in Subtask 9-1 that are still required following the transition of operational responsibility will be combined into Subtask 9-2a for the period November 16, 2023, through **December 22, 2024** at negotiated pricing.
- Subtask 9-2b (*End State*): Construction and Commissioning End State – This Subtask will complete the desired outcome for *Mission Support Facility – OF200 MTF Line Item*. **This work will be negotiated upon completion of the Integrated Baseline Review.**

Master IDIQ Section C.5.6.3, *MTF Operations* will also be included in a future request for Subtask proposal. The Contractor shall ensure this Subtask scope is integrated with the awarded Subtask 9-1 and with other Subtasks, as necessary.

2.0 BACKGROUND

Historical missions at the Y-12 National Security Complex (Y-12) resulted in the release of mercury to the environment. The West End Mercury Area (WEMA) consists of former mercury-use buildings Beta-4 (9204-4), Alpha-4 (9201-4), and Alpha-5 (9201-5) located in the

west end of the Y-12 main plant area including mercury-contaminated soils and storm sewers in the immediate vicinity. Residual mercury in the 60-year-old storm drain infrastructure, infiltrating groundwater, and sediment-bound mercury are remobilized and transported through the storm drain network to OF200 into the Upper East Fork Poplar Creek (UEFPC). Currently, this is the largest environmental risk on the DOE Oak Ridge Reservation.

The primary pathway of concern is surface water because the UEFPC flows directly from Y-12 into the City of Oak Ridge. Discharges from WEMA are the primary point source contributors to mercury flux in UEFPC. OF200 is the integration point for storm sewer effluent entering UEFPC and, under dry weather (base) flow conditions, is the largest single source of mercury to the creek. The OF200 MTF will remove a significant portion of mercury contamination in these discharges.

The OF200 MTF construction is part of CERCLA actions to reduce mercury levels in East Fork Poplar Creek. The objective is compliance with ambient water quality criteria and assistance in controlling mercury discharges during cleanup of the West End Mercury Area.

3.0 SCOPE

The Contractor shall perform the scope of work and requirements in accordance with the Section C PWS sections and subsections of the Master IDIQ Contract and Task Order 89303322DEM000067/89303523FEM400032 identified below:

- **C.5.6 Outfall 200 Mercury Treatment Facility (Y-12)**
- **C.5.6.1, MTF Construction Support**

Subtask 9-2a: OF200 MTF, Subtask 2a – Initial Site Responsibility, Procurements, and Construction Activities

The desired outcome of Subtask 9-2a includes completion of all activities necessary to continue progress on the MTF construction through the start of Subtask 9-2b activities. The priorities for this extension include, at a minimum:

- Complete support to the DOE-OREM Integrated Baseline Review (IBR) and DOE O 413.3B External Independent Review (EIR)/performance baseline deviation activities;
- Continue facility and equipment maintenance including necessary preventative maintenance;
- Progress the critical path material procurements (e.g., electrical transformers/switchgear, etc., per mutual agreement with DOE on final list);
- Progress Headworks construction to the point necessary to demobilize 500 Ton crane; and,
- Complete treatment facility gravity filter concrete construction necessary for building structural steel and roof/siding shell installation.

Additional scope priorities, not in order of priority, include:

- Complete Sludge Tank concrete pads;
- Complete remaining treatment facility concrete, including equipment pads (e.g., HVAC, air blowers, etc.), second floor composite deck concrete, truck unloading pads;
- Complete Headworks Stormflow Pump Station, Grit Pump Building, and Base Flow Pump Station concrete, including walls, roofs, and all pedestals/pads;
- Complete Stormflow Grit Chamber and Baseflow Grit Chamber concrete;
- Complete Stormflow Channel and Baseflow Channel concrete to an identified location to interface with weir/intake structure; and,
- Complete remaining Engineering detailing (e.g., piping stress calculations, pipe hanger details, piping details as required to release to fabrication subcontractor).

For the scope of work performed under Master IDIQ and Task Order 89303322DEM000067/89303523FEM400032 PWS sections and subsections listed in the Scope, the Contractor shall incorporate the following assumptions and completion objectives into Subtask 9-2a:

- Maintain current training of the OF200 MTF construction workforce.
- Maintain operational responsibility for the OF200 MTF site which includes responsibility for integrating and coordinating site activities with the Y-12 Operating Contractor, effective 4:31 pm, November 16, 2023. This includes obtaining any necessary approvals (i.e., Traffic Control Plans).
- Complete development and implementation of all required plans, programs, procedures, excavation permits, and work packages for remaining construction;
- Procure all necessary services, materials, and equipment for site maintenance and to ensure continued progress on construction activities
- Resume and execute key construction activities.
- Provide all personnel, equipment, supplies, facilities, transportation, tools, materials, supervision, and other items and non-personal services to complete the work scope.
- Ensure the effective performance of all activities necessary to execute the Subtask 9-2a scope which includes but is not limited to the following: technical management, project controls, scheduling and action tracking, estimating, procurement support, administrative support, subcontract oversight, regulatory and environmental compliance, quality assurance, risk management, safety and health, radiation protection, worker training, non-emergency fire protection, and records management.

- Provide supporting documents and participate, as necessary, in DOE O 413.3B reviews.
- Continue activities previously authorized in Subtask 9-1 that are not complete as of November 15, 2023, which includes:
 - Title III Engineering services during construction;
 - Special inspections;
 - Construction support facilities operations and maintenance;
 - As built drawings;
 - Construction waste permitting;
 - Construction waste generation reporting;
 - Facilitation of general construction interfaces and coordination with the Y-12 Site Contractor; and,
 - Engagement of Critical Project Team on emerging priorities and issues.
- Assume:
 - All procurements for maintenance and construction activities will be in accordance with the latest approved set of drawings and specifications.
 - UCOR will utilize existing agreements with CNS to obtain any required CNS support for construction and maintenance.
 - Memoranda of Agreements (MOAs), Memoranda of Understanding (MOUs), Work Packages, and subcontracts needed for Subtask 9-2a will be developed and in place prior to the start of the applicable Subtask 9-2a activity.
 - Personnel onboarding and training of the OF200 MTF construction workforce, including physicals, badging, employee orientation, and safety refocus training (safety culture, block training, and leadership courses) will be definitized under Subtask 9-3 and is excluded.
 - The completion of field work shall be prioritized over engineering detailing unless the engineering detail is required for a piece of equipment on the critical path.
 - UCOR shall incorporate the minimum and scope priorities in the plan to resume and execute key construction activities through completion of the Subtask 9-2a period of performance.

4.0 APPLICABLE DIRECTIVES

In addition to the Directives included in the Master IDIQ Contract, additional Directives are included in Attachment J-2-9 to this Subtask.

5.0 INTERFACES

In addition to the Interfaces included in the Master IDIQ Contract, additional Interfaces are included in Attachment J-3-9 to this Subtask.

6.0 DELIVERABLES

In addition to the Deliverables included in the Master IDIQ Contract, additional Deliverables are included in Attachment J-7-9 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-8-9 to this Subtask.

8.0 PERFORMANCE OBJECTIVES AND STANDARDS

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

Subtask 9-2a, OF200 MTF Subtask 2a – Initial Site Responsibility, Procurements, and Construction Activities	
End State Requirement	Work Scope/Completion Criteria
<p>Complete all activities necessary to continue progress on the MTF construction through the start of Subtask 9-2b activities</p>	<ul style="list-style-type: none"> • Maintain current training of the OF200 MTF construction workforce. • Maintain operational responsibility for the OF200 MTF site which includes responsibility for integrating and coordinating site activities with the Y-12 Operating Contractor. This includes obtaining any necessary approvals (i.e., Traffic Control Plans). • Complete development and implementation of all required plans, programs, procedures, excavation permits, and work packages for remaining construction. • Procure all necessary services, materials, and equipment for site maintenance and to ensure continued progress on construction activities. • Resume and execute key construction activities. • Provide all personnel, equipment, supplies, facilities, transportation, tools, materials, supervision, and other items and non-personal services to complete the work scope. • Ensure the effective performance of all activities necessary to execute the Subtask 9-2a scope which includes but is not limited to the following:

Subtask 9-2a, OF200 MTF Subtask 2a – Initial Site Responsibility, Procurements, and Construction Activities	
End State Requirement	Work Scope/Completion Criteria
	<p>technical management, project controls, scheduling and action tracking, estimating, procurement support, administrative support, subcontract oversight, regulatory and environmental compliance, quality assurance, risk management, safety and health, radiation protection, worker training, non-emergency fire protection, and records management.</p> <ul style="list-style-type: none"> • Provide supporting documents and participate, as necessary, in DOE O 413.3B reviews. • Continue Title III Engineering services during construction; Special inspections; Construction support facilities operations and maintenance; As built drawings; Construction waste permitting; Construction waste generation reporting; Facilitation of general construction interfaces and coordination with the Y-12 Site Contractor; and, Engagement of Critical Project Team on emerging priorities and issues. <p>MODIFICATION 4:</p> <ul style="list-style-type: none"> • Complete support to the DOE-OREM Integrated Baseline Review (IBR) and DOE O 413.3B External Independent Review (EIR)/performance baseline deviation activities; • Continue facility and equipment maintenance including necessary preventative maintenance; • Progress the critical path material procurements (e.g., electrical transformers/switchgear, etc., per mutual agreement with DOE on final list); • Progress Headworks construction to the point necessary to demobilize 500 Ton crane (Storm Flow Grit Chamber slab and lower wall, Storm Flow Pump Station walls, Storm Flow channel sections, backfill); and, • Complete treatment facility gravity filter concrete construction necessary for building structural steel and roof/siding shell installation.

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

Subtask 9-2a, OF200 MTF Subtask 2a – Initial Site Responsibility, Procurements, and Construction Activities	
Objectives	Standard
Safety and Operational Performance	See ORRCC PMI Plan
Meeting Regulatory or Court Ordered Milestones	See ORRCC PMI Plan
Quality Assurance Performance per Section C and Section E Clause FAR 52.246-11, where Continuous Monitoring and Performance Improvement are Evident	See ORRCC PMI Plan
Maintaining the Operability of Facilities and Other Infrastructure throughout the Performance Period such that Degradation is Addressed to Prevent Mission Impact	See ORRCC PMI Plan
Management of the Contractor’s team, including teaming subcontractors to ensure efficient and effective partnering with the Government and all parties;	See ORRCC PMI Plan
Establishment, maintenance, and implementation of sound business systems to ensure efficient and effective business management performance in a complex IDIQ task order environment	See ORRCC PMI Plan
IDIQ management, including timely, good faith and fair dealings in conducting negotiations with DOE with the goal of a reasonable outcome, including equitable risk sharing, for all Parties	See ORRCC PMI Plan

Section D – Packaging and Marking

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

Section E – Inspection and Acceptance

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

E.1 Inspection and Acceptance Delegation

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

Section F – Deliveries or Performance

Section F of the Master IDIQ Contract and Task Order 89303322DEM000067/89303523FEM400032 is incorporated by reference. The requisite clause information specific to this Subtask included below is consistent with the clause numbering structure established by the Master IDIQ Contract.

F.3 Period of Performance

- (a) The overall Subtask Period of Performance (POP) is from November 16, 2023 **through December 22, 2024**. Subtask 9-2a will not be considered complete until the end states defined in Section C are complete.
- (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: Karen Shears
 - (B) Telephone number: 865/241-6411
 - (C) Address:

U.S. Department of Energy
Oak Ridge Office of Environmental Management
200 Administration Road
Oak Ridge, TN 37830
(D) Email address: Karen.Shears@orem.doe.gov

Section H – Special Contract Requirements

In addition to the following requirements, Section H of the Master IDIQ Contract is incorporated by reference:
None.

Section I – Contract Clauses

In addition to the following requirements, Section I of the Master IDIQ Contract is incorporated by reference:
None.

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

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

1. Attachment J-2 – Directives

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

None.

2. Attachment J-3 – Interfaces

Attachment J-3 of the Master IDIQ Contract is incorporated by reference. For Subtask 9-2, the Contractor shall accept the roles and responsibilities of the OF200 MTF Construction Contractor defined in Master IDIQ Contract Attachment J-3, *Outfall 200 Mercury Treatment Facility Responsibility Matrix* upon CO direction as denoted by strikethrough and double-underline in Attachment J-3-9:

Attachment J-3-9

Site Services and Interface Requirements

The Oak Ridge Reservation Cleanup Contract (ORRCC) Contractor shall coordinate with Department of Energy (DOE), National Nuclear Security Administration (NNSA), the Oak Ridge National Laboratory (ORNL) and Y-12 National Security Complex (Y-12) Site Management and Operating (M&O) Contractors, and others, as necessary, to perform the Performance Work Statement. The Contractor shall make every effort to ensure that no adverse impacts occur to

ongoing site missions. ORRCC work activities shall be coordinated with the respective site M&O contractor when working in close proximity to other contractor operations or facilities. The site services and interface requirements for the ORRCC Contractor include, but may not be limited to, those summarized in the table below.

Outfall 200 Mercury Treatment Facility (OF200 MTF)	Y-12 - The ORRCC Contractor shall interface with the OF200 MTF Construction Contractor (an Environmental Management Prime Contractor) as necessary to perform contractual responsibilities. See the <i>Outfall 200 Mercury Treatment Facility Responsibility Matrix</i> that immediately follows this table.
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Outfall 200 Mercury Treatment Facility Responsibility Matrix

This matrix summarizes the roles and responsibilities for the various contractor entities involved in the Outfall 200 Mercury Treatment Facility, including Oak Ridge Reservation Cleanup Contractor responsibilities described in Performance Work Statement Section C.5.6.

Legend: **P** – Primary Contractor responsible for accomplishment of activity
 S – Activity Support (as needed)
 O – Assistance in Activity Oversight (as needed)

Activity	Vendors to the OF200 MTF Construction Contractor	<u>ORRCC Contractor (OF200 MTF Construction Contractor Role)</u>	ORRCC Contractor (OF200 MTF Construction Support Role)*	ORRCC Contractor (OF200 MTF Operating Role)*
Construction				
Execute Factory Acceptance Testing per Startup Test Plan	P	O	O	
Execute Construction Acceptance Testing per Startup Test Plan		P	O	
Develop Acceptance Test Procedures per Startup Test Plan	S	S	P	
Execute Acceptance Test Procedures per Startup Test Plan	S	P	O	
<u>Develop Checkout, Testing, and Commissioning Plan</u>			<u>P</u>	
<u>Develop Operations Acceptance Test Procedure</u>				<u>P</u>
<u>Prepare a Phased Construction Completion Report for regulatory approval</u>			<u>P</u>	
Operational Readiness (Checkout, Testing, and Commissioning)				
<u>Develop Checkout, Testing, and Commissioning Plan</u>			P	

Activity	Vendors to the OF200 MTF Construction Contractor	<u>ORRCC Contractor (OF200 MTF Construction Contractor Role)</u>	ORRCC Contractor (OF200 MTF Construction Support Role)*	ORRCC Contractor (OF200 MTF Operating Role)*
Execute Checkout, Testing, and Commissioning Plan			O	P
Develop Operations Acceptance Test Procedure				P
Execute Operations Acceptance Test Procedure			O	P
Establish and Implement Safety Documentation for Facility				P
Perform a Readiness Activity prior to Startup				P
Prepare a Phased Construction Completion Report for regulatory approval			P	
Prepare Critical Decision (CD)-4 for DOE approval prior to Operations				P
Develop and implement a Transition to Operations Plan				P
* These two roles will be fulfilled by the Oak Ridge Reservation Cleanup Contractor from Construction through Startup. Acronyms: OF200 MTF Outfall 200 Mercury Treatment Facility ORRCC Oak Ridge Reservation Cleanup Contract				

3. Attachment J-5 – Small Business Subcontracting Goals

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

Table J-5-9-2a. Subtask Small Business Subcontracting Goals

Category	Total to be Subcontracted (\$)	Minimum Small Business Goals as a percent of total subcontracted dollars
Total Subcontracted	TBD	
Total Small Business Subcontracts	TBD	45%
Veteran-Owned Small Business (VOSB)	TBD	3%
Service-Disabled Veteran-Owned Small Business (SDVOSB)	TBD	3%
Historically Underutilized Business Zone (HUBZone)	TBD	3%
Small Disadvantaged Business	TBD	5%

Women-owned Small Business	TBD	5%
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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-5-9-2b.

Table J-5-9-2b. Government-Provided Costs Not Included in Subcontracting Goals

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

4. Attachment J-7 – Deliverables

Attachment J-7-9, includes the following additional deliverables for this Subtask:

Attachment J-7-9. Subtask 9-2a Deliverables

Number	Deliverable	Deliverable Due Date	DOE Action Response ¹	Reference
T9-2-001	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>
T9-2-002	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>
T9-2-003	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>
T9-2-004	Subtask Waste Generation Forecast	Final Within 30 days of Subtask issuance	Approve – 30 days	Section C.6.2.8, <i>Waste Management</i>
T9-2-007	Certified construction acceptance test reports	Upon completion	Information	PWS C.5.6.1, <i>OF200 MTF Construction Support</i>

Attachment J-7-9. Subtask 9-2a Deliverables

Number	Deliverable	Deliverable Due Date	DOE Action Response ¹	Reference
T9-2-008	Construction submittals	TBD*	TBD	PWS C.5.6.1, <i>OF200 MTF Construction Support</i>
<p><i>*DOE will determine remaining construction submittals to be provided by UCOR within Subtask 9-2a.</i></p> <p>¹The DOE action is defined as follows:</p> <ul style="list-style-type: none"> • Approve – The Contractor shall provide the deliverable to DOE for review and approval. DOE will review the deliverable and provide comments or approve as submitted. If necessary, the Contractor shall revise the document to incorporate mandatory DOE comments and resubmit for DOE approval. Once approved by DOE, the deliverable shall be placed under change control with changes requiring DOE approval. It is not intended that editorial changes or corrections that do not alter commitments would require new DOE approval. • Review – The Contractor shall provide the deliverable to DOE for review. DOE will review the information and will provide comments, as necessary. If necessary, the Contractor shall revise the document to incorporate mandatory DOE comments. • Information – The Contractor shall provide the deliverable for information purposes only. DOE will review the information and may provide comments. Such comments do not require resolution under the Contract. <p>Acronyms:</p> <p>CERCLA Comprehensive Environmental Response, Compensation, and Liability Act of 1980 DOE Department of Energy FFA Federal Facility Agreement MTF Mercury Treatment Facility OF200 Outfall 200</p>				

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

Attachment J-8-9-2 includes the following additional GFS/I for this Subtask:

Attachment J-8-9-2. Subtask 9-2a GFS/I	
GFS/I	REQUIREMENT
TBD	TBD

Appendix B.9

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

Subtask 9-2a Fee Risk Ownership				
Risk ID	Title	Statement of Event	Type	Owner
TO-9-03	Ineffective Execution	If project management execution is not effective, in that other DOE program office 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-9-04	Changes in Security Requirements	If federal security requirements increase, then Subtask cost and schedule performance may be impacted.	Risk	DOE
TO-9-05	Unexpected Hazards/Conditions (Differing site conditions)	If differing site conditions are encountered that could not have been reasonably foreseen, then there could be an impact on Subtask schedule and cost performance.	Risk	DOE
TO-9-08	Regulatory Approval Delayed/Additional Requirements Added	If regulators take longer than the prescribed/planned protocols to approve regulatory documents, or impose additional requirements, then Subtask performance may be impacted.	Risk	DOE
TO-9-10	Delays in internal/external DOE approval of required documents	If DOE takes significantly longer than planned to approve documents per the approved Subtask baseline, for reasons other than 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-9-11	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-9-13	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

Subtask 9-2a Fee Risk Ownership				
Risk ID	Title	Statement of Event	Type	Owner
TO-9-15	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-9-21	Supply Chain - Material/Equipment Availability	If unforeseeable supply chain issues impact material/equipment availability or lead times, then Subtask cost and schedule may be impacted.	Risk	DOE
TO-9-25	Change in Mission or Policy - DOE Initiated	If DOE initiates mission or policy requirements change, then Subtask cost and schedule performance may be impacted. Includes other than ES&H related, for example - cyber security.	Risk/ Opportunity	DOE
TO-9-27	Equipment Material Procured/Installed by Previous Contractor Does Not Meet Applicable Quality Requirements.	If equipment material procured/installed by DOE's Prime Construction Contractor does not meet applicable quality requirements, then Subtask cost and schedule may be impacted.	Risk	DOE