

Oak Ridge **Reservation** Cleanup Contract 89303322DEM000067
Task Order 89303523FEM400032

United Cleanup Oak Ridge LLC (UCOR)

Subtask No: 000362

Subtask 6-2, **Modification 1**: Alpha-2 **Complex** Demolition



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

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

- a. This is a Cost-Plus-Incentive-Fee type Subtask. In accordance with the clause at FAR 52.216-10, *Incentive Fee*, the target cost and target fee increase and decrease ratios are applicable to the following Subtask Contract Line Item(s) (CLINs):

Table B-2. Subtask CLIN Structure					
CLIN/ SubCLIN	CLIN/SubCLIN Title	CLIN Type	Target Cost	Target Fee	Fee Increase/Decrease Ratio
0003	ORRCC End State Task Orders 89303322DEM000067/ 89303523FEM400032				
000362	Subtask 6-2: Alpha-2 <u>Complex</u> Demolition				
000362a	Subtask 6-2: Alpha-2 Demolition Project	CPIF	<u>\$46,886,867</u>	<u>\$2,625,665</u>	<u>As described in B.2.(c)(2)</u>
000362b (Option)	Subtask 6-2: Alpha-2 Restoration of Inaccessible Areas	CPIF	<u>\$8,266,409</u>	<u>\$462,919</u>	<u>As described in B.2.(c)(3)</u>

Table B-2. Subtask CLIN Structure					
CLIN/ SubCLIN	CLIN/SubCLIN Title	CLIN Type	Target Cost	Target Fee	Fee Increase/Decrease Ratio
Acronyms: CLIN Contract Line Item Number CPIF cost-plus-incentive-fee					
			ORRCC Oak Ridge Reservation Cleanup Contract		

(2) SubCLIN 000362a is a Cost-Plus-Incentive-Fee SubCLIN. In accordance with the clause at FAR 52.216-10, *Incentive Fee*, the target cost, target fee, maximum and minimum fees, and the target fee increase and decrease ratios for this Subtask CLIN are:

SubCLIN 000362a, Subtask 6-2a: Alpha-2 Complex Demolition Project

Target Cost: **\$46,886,867**

Target Fee: **\$2,625,665**

Maximum Fee: **\$7,033,030** *

Minimum Fee: **\$0**

*Includes PMI **\$1,406,606** so remaining Maximum Fee is **\$5,626,424**

i. Cost Incentive

Target Cost: **\$46,886,867**

Target Fee: **\$918,983**

Maximum Fee: **\$1,969,248**

Minimum Fee: **\$ 0**

As specified at Section I clause FAR 52.216-10, *Incentive Fee*, paragraph (e)(1): the fee payable under this contract shall be the target fee increased by **thirty (30) cents** for every dollar the total allowable cost is less than the target cost or decreased by **thirty (30) cents** for every dollar the total allowable cost exceeds the target cost. In no event shall the fee be greater than **fifteen (15) percent** or less than **zero percent** of the target cost.

ii. Schedule Incentive

Target Fee: **\$1,706,682**

Maximum Fee **\$3,657,176**

Minimum Fee: **\$ 0**

Schedule incentive will be earned as follows in Table B-2a in accordance with completion criteria provided in Section C, *Performance Work Statement*, 8.0, *Performance Objectives and Standards*.

Table B.2a, SubCLIN 000362a Schedule Incentives						
Schedule Incentive	Minimum Fee Due Date*	Target Fee Due Date*	Max Fee Due Date*	Minimum Available Fee Amount	Target Fee Available Fee Amount	Max Fee Available Fee Amount
<u>Alpha-2 Complex Demolition Site Preparation Activities</u>	<u>11/20/2024</u>	<u>11/5/2024</u>	<u>10/21/2024</u>	<u>\$0</u>	<u>\$170,668</u>	<u>\$365,718</u>
<u>East Demolition and Waste Disposition</u>	<u>6/9/2026</u>	<u>3/11/2026</u>	<u>12/11/2025</u>	<u>\$0</u>	<u>\$426,670</u>	<u>\$914,294</u>
<u>Lead Removal and Disposition</u>	<u>4/4/2027</u>	<u>1/4/2027</u>	<u>10/6/2026</u>	<u>\$0</u>	<u>\$170,668</u>	<u>\$365,718</u>
<u>West Demolition and Waste Disposition</u>	<u>11/18/2026</u>	<u>8/20/2026</u>	<u>5/22/2026</u>	<u>\$0</u>	<u>\$426,670</u>	<u>\$914,294</u>
<u>Complete all remaining scope requirements including submittal of the D2 PCCR and all CD-4 information</u>	<u>12/6/2027</u>	<u>9/7/2027</u>	<u>6/9/2027</u>	<u>\$0</u>	<u>\$512,005</u>	<u>\$1,097,153</u>
*Note the fee amount will be calculated on a prorated daily basis from the max fee due date to the target fee due date as well as from the target fee due date to the minimum fee due date. No fee will be available beyond the minimum fee due date.						

- (3) This is a Cost-Plus-Incentive-Fee type Subtask. In accordance with the clause at FAR 52.216-10, *Incentive Fee*, the target cost, target fee, maximum and minimum fees, and the target fee increase and decrease ratios for this Subtask CLIN are:

SubCLIN 000362b, Subtask 6-2: Alpha-2 Restoration of Inaccessible Areas

Target Cost: **\$8,266,409**

Target Fee: **\$462,919**

Maximum Fee: **\$1,239,961***

Minimum Fee: **\$0**

*Includes PMI **\$247,992** so remaining Maximum Fee is **\$991,969**

i. **Cost Incentive**

Target Cost: **\$8,266,409**

Target Fee: **\$162,022**

Maximum Fee: **\$347,189**

Minimum Fee: **\$ 0**

As specified at Section I clause FAR 52.216-10, *Incentive Fee*, paragraph (e)(1): the fee payable under this contract shall be the target fee increased by **thirty (30) cents** for every dollar the total allowable cost is less than the target cost or decreased by **thirty (30) cents** for every dollar the total allowable cost exceeds the target cost. In no event shall the fee be greater than **fifteen (15) percent** or less than **zero percent** of the target cost.

ii. **Schedule Incentive**

Target Fee: **\$300,897**

Maximum Fee: **\$644,780**

Minimum Fee: **\$ 0**

Schedule incentive will be earned as follows in Table B-2b in accordance with completion criteria provided in Section C, *Performance Work Statement*, 8.0, *Performance Objectives and Standards*.

Table B.2b, SubCLIN 000362b Schedule Incentives						
Schedule Incentive	Minimum Fee Due Date*	Target Fee Due Date*	Max Fee Due Date*	Minimum Available Fee Amount	Target Fee Available Fee Amount	Max Fee Available Fee Amount
<u>Complete Backfill of Excavated CLSM areas and Waste Disposition</u>	<u>7/5/2027</u>	<u>4/6/2027</u>	<u>1/6/2027</u>	<u>\$0</u>	<u>\$300,897</u>	<u>\$644,780</u>

*Note the fee amount will be calculated on a prorated daily basis from the max fee due date to the target fee due date as well as from the target fee due date to the minimum fee due date. No fee will be available

beyond the minimum fee due date..

- (4) Payment of fee shall be made in accordance with the clause 52.216-10, Incentive Fee, Clause I.228, DEAR 970.5232-2, Payment and Advances (Dec 2000) – Alt I (Dec 2000), Alt II (Dec 2000) and Alt III (Dec 2000)(DEVIATION) of the Master IDIQ Contract, and is payable upon DOE’s final determination.
- i. Cost incentive fee will be paid in accordance with this clause, Section B.11, Provisional Payment of Fee (Oct 2013)(Revised) of the Master IDIQ Contract, and other applicable clauses of the Subtask.
 - ii. Schedule incentive fee under this subtask will be paid after completion criteria is validated by OREM.

B.9 Basis for Change

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

B.12 Performance Management Incentive

In accordance with Clause B.12, *Performance Management Incentive*, of the Master IDIQ Contract, Performance Management Incentive is applicable to this Subtask.

Section C – Performance Work Statement

C.1 Subtask Requirements

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

PERFORMANCE BASED STATEMENT OF WORK Subtask 6-2: Alpha-2 Complex Demolition

1.0 INTRODUCTION

This is an End States Subtask. The desired outcome is the completed demolition end state for the Alpha-2 (9201-2) Complex as described in Master IDIQ Section C.3, **which may optionally include restoration of inaccessible basement areas that have been stabilized in place for demolition if authorized in a future modification of this Subtask.** Key desired outcomes for risk and environmental liability reduction include:

- **324,928** square feet of excess contaminated facilities demolished

The Alpha-2 Complex Demolition Subtask shall be executed in compliance with the requirements of DOE O 413.3B for Demolition Projects with Total Project Cost greater than \$50 Million.

Initial award of this Subtask includes limited long-lead procurement and site preparation activities as described in 3.0, *Scope* and 8.0, *Performance Objectives and Standards*.

Modification 1 awards completion of the DOE Order 413.3B Demolition Project end state in accordance with the approved Critical Decision 2/3 including the remaining SubCLIN 000362a requirements described in Section C.

The Contractor shall ensure this Subtask scope is integrated with other Subtasks, as necessary.

2.0 BACKGROUND

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

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

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

reach agreement on the scope of work, completion objectives, and risk and mitigation ownership for the Subtask.

3.0 SCOPE

The Contractor shall perform the scope of work and requirements in accordance with the Section C PWS sections and subsections of the Master IDIQ Contract identified below:

Y-12 Cleanup Priorities, Subtask 2 – *Alpha-2 Complex Demolition*

- **C.3.2.5 Alpha 2 (9201-2) Complex**
 - **C.3.2.5.3 Demolition**

For the scope of work performed under Master IDIQ PWS sections and subsections listed in the Scope, the Contractor shall incorporate the following assumptions and completion objectives into the Subtask:

Subtask 6-2 (SubCLIN 000362): Alpha-2 Complex Demolition End State:

- Initial end state includes completion of activities required to begin the demolition of the Alpha-2 facility (9201-02) in October 2024, including:
 - Project management, project support, and consumables;
 - Weekly Outfall sampling, laboratory analysis, and validation;
 - Procurement of dechlorination system and equipment/materials required for stormwater protection and truck loading area;
 - Mobilization of demolition equipment;
 - Site preparation, including stormwater protection and truck stand installation;
 - Isolation of the tie line to the active steam plant to the east of Alpha-2;
 - Demolition of facility 9732-02, Storage Building (also known as Carpenter Shop); and,
 - Waste oversight and shipment of demolition waste for disposal.

Modification 1:

Complete the Alpha-2 Complex Demolition end state, including:

- **Complete building demolition, in accordance with the applicable Removal Action Work Plan (RmAWP) and complete shipping and disposal of all building waste debris/materials.**
- **Complete development of a Plan to restore and route the pump and re-**

establish sump pump operations.

- **Complete any additional water management as necessary.**
- **Place remaining slab and demolition area into a safe condition, removing or improving berms, if necessary for maintaining safe conditions.**
- **Install riprap or gravel for stormwater management if necessary and place the site in a safe condition for potential future Remedial Action work or use by Y-12.**
- Assume:
 - Exterior ACM has been removed, except where the Y-12-owned utility re-route prevented access.
 - Characterization and Preparation for Demolition of the facility complex for open air demolition was authorized and completed in Subtask 3 and Subtask 6-1.
 - Demolition will be completed in accordance with the Demolition Plan and Traffic Control Plan authorized for completion in Subtask 3.
 - Demolition of tie lines is not included.
 - **The slabs and subsurface structures shall remain for a future remedial action, except for inaccessible basement areas identified for excavation in the applicable RmAWP. Restoration of inaccessible basement areas is included in SubCLIN 000362b (Option).**
 - **UCOR will coordinate with CNS to ensure the temporary relocation of Building 9105 occupants during demolition of the western portion of Alpha 2.**
 - **The Pine Ridge line will require physical protection during demolition.**
 - **Demolition of tie lines is not included.**
 - **Approximately 20 percent of the basement was inaccessible to remove process piping and equipment during preparation of the building for demolition. Restoration of these inaccessible areas is included in SubCLIN 000362b (Option).**
 - **The DOE O 413.3B Demolition Project excludes the Alpha-2 CLSM Removal from inaccessible basement areas in the Total Project Cost, completion schedule, and key performance parameters requested for CD approval.**

4.0 APPLICABLE DIRECTIVES

In addition to the Directives included in the Master IDIQ Contract, **there are no** additional Directives included in this Subtask.

5.0 INTERFACES

In addition to the Interfaces included in the Master IDIQ Contract, **there are no** additional Interfaces included in this Subtask.

6.0 DELIVERABLES

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

7.0 GOVERNMENT-FURNISHED SERVICES AND INFORMATION

In addition to the Government-Furnished Services and Information (GFS/I) included in the Master IDIQ Contract, additional GFS/I are included in Attachment J-8-6 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:

SubCLIN 000362a: Subtask 6-2 – Alpha-2 Complex Demolition	
End State Requirement	Work Scope/Completion Criteria
Alpha-2 Complex Demolition Site Preparation Activities	<p>Complete the following activities required to begin demolition of the Alpha-2 facility (9201-02) in October 2024:</p> <ul style="list-style-type: none">• Provide project management, project support, and consumables;• Weekly Outfall sampling, laboratory analysis, and validation;• Procurement of dechlorination system and equipment/materials required for stormwater protection and truck loading area;• Mobilization of demolition equipment;• Site preparation, including stormwater protection and truck stand installation;• Isolation of the tie line to the active steam plant to the east of Alpha-2;• Demolition of the 9732-02, Storage Building (also known as Carpenter Shop); and,• Demolition waste oversight and shipment of demolition waste for disposal.

SubCLIN 000362a: Subtask 6-2 – <i>Alpha-2 Complex Demolition</i>	
End State Requirement	Work Scope/Completion Criteria
<u>Modification 1:</u> <u>Complete Alpha-2 East Demolition and Waste Shipped</u>	<ul style="list-style-type: none"> • <u>Completion of the east side of Alpha-2 demolition and shipping of waste. Demolition of the east side will be considered complete when demolition is paused to begin removing the lead shielding.</u> • <u>Completion of structure downsizing of the eastern side of the Alpha-2 facility.</u> • <u>Completion of all associated demolition debris waste shipments.</u> • <u>Acceptance of waste from the receiving landfill(s). Should waste packages be returned for any reason, and/or a certificate of disposal is not received, DOE reserves the right to claw back fee based on the percentage of containers returned.</u> • <u>Physical walkdown of site with written documentation submitted by UCOR and acceptance by DOE of work completion.</u>
<u>Modification 1:</u> <u>Lead Removal and Disposition</u>	<ul style="list-style-type: none"> • <u>Completion of removal, packaging, and shipment for offsite disposal of lead shielding.</u> • <u>Acceptance of waste from the receiving landfill(s). Should waste packages be returned for any reason, and/or a certificate of disposal is not received, DOE reserves the right to claw back fee based on the percentage of containers returned.</u> • <u>Physical walkdown of site with written documentation submitted by UCOR and acceptance by DOE of work completion.</u>
<u>Modification 1:</u> <u>Complete Alpha-2 West Demolition and Waste Shipped</u>	<ul style="list-style-type: none"> • <u>Effective coordination with CNS to assure the Pine Ridge Line has been protected and de-energized.</u> • <u>Completion of structure downsizing of the western side of the Alpha-2 facility.</u> • <u>Completion of all Alpha-2 Facility Complex Demolition Project waste shipments.</u> • <u>Acceptance of waste from the receiving landfill(s). Should waste packages be returned for any reason, and/or a certificate of disposal is not received, DOE reserves the right to claw back fee based on the percentage of containers returned.</u> • <u>Physical walkdown of site with written documentation submitted by UCOR and acceptance by DOE of work completion.</u>

SubCLIN 000362a: Subtask 6-2 – <i>Alpha-2 Complex Demolition</i>	
End State Requirement	Work Scope/Completion Criteria
<u>Modification 1:</u> <u>Complete all remaining SubCLIN 000362a requirements</u>	<ul style="list-style-type: none"> • <u>Completion of all remaining field work necessary to declare the Demolition Project complete.</u> • <u>Completion of any additional walkover surveys, grading activities, or signage posting for the footprint.</u> • <u>All demobilization activities complete (including removal of CMCP).</u> • <u>Removal of all excess material or equipment from the footprint.</u> • <u>All end states defined in Section C complete.</u> • <u>All Deliverables defined in Attachment J-7-6-2 complete, including identified DOE Action/Response.</u> • <u>Complete demolition of Alpha 2 (9201-02), the Carpentry Shop (9732-02), and 161 kV Steel Transformer (9501-02).</u> • <u>Complete removal, packaging, and shipment for offsite disposal of lead shielding.</u> • <u>Complete placement of remaining slab and demolition area into a safe condition with stormwater management controls for future Environmental Remediation, or use by Y-12.</u> • <u>Complete and obtain approval of regulatory completion documentation documenting the efforts from deactivation through above grade and below grade demolition completion.</u> • <u>Complete water management during demolition, as necessary.</u> • <u>Complete downsize, load, and transport of all demolition debris for disposal.</u> • <u>Acceptance of waste from the receiving landfill(s). Should waste packages be returned for any reason, and/or a certificate of disposal is not received, DOE reserves the right to claw back fee based on the percentage of containers returned.</u> • <u>Complete project management and oversight for completion of the Alpha-2 Complex Demolition project through approval of CD-4, Lessons Learned/Project Closeout, and regulatory completion documentation.</u>

SubCLIN 000362b (Priced Option): Subtask 6-2 – <i>Alpha-2 Restoration of Inaccessible Areas</i>	
End State Requirement	Work Scope/Completion Criteria
<u>Modification 1:</u> <u>Complete Backfill of Excavated CLSM areas (SubCLIN 000362b OPTION)</u>	<ul style="list-style-type: none"> • <u>Removal and packaging of all CLSM containing inaccessible piping and/or equipment.</u> • <u>Characterization of CLSM and piping/equipment.</u> • <u>Backfill of area where CLSM was removed.</u> • <u>Grading and leveling of area(s) where new CLSM/backfill was placed.</u> • <u>Shipment of all packaged CLSM waste and acceptance for disposal.</u> • <u>Acceptance of waste from the receiving landfill(s). Should waste packages be returned for any reason, and/or a certificate of disposal is not received, DOE reserves the right to claw back fee based on the percentage of containers returned.</u> • <u>Project management and support through DOE verification of completion.</u> • <u>Physical walkdown of site with written documentation submitted by UCOR and acceptance by DOE of work completion.</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, as applicable. The performance objectives and standards are as follows:

Subtask 6-2 – <i>Alpha-2 Complex Demolition</i>	
Objectives	Standard
Construct working areas (laydown areas, truck stands, etc.) in accordance with approved designs, standards and practices	No more than four corrective deficiencies issued by DOE
All documents submitted without errors and omissions	No more than one reissue required
Perform work in accordance with CERCLA documents	No violations of CERCLA document as a result of contractor's actions
Stormwater management control and mitigation	No violation issued for stormwater discharges as a result of contractor's actions

Subtask 6-2 – Alpha-2 Complex Demolition	
Objectives	Standard
Follow requirements and required notification in Memorandum of Agreement giving operational control of Alpha-2 area to OREM	No violations of MOA as a result of contractor's actions
Conduct work consistent with work packages and radiological controls.	No violation for work performed varying from approved WP and no violations to RWPs.
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 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 6-2, SubCLIN 000362a Period of Performance (POP) is from **August 7, 2024, to April 17, 2028**. The Contractor is expected to complete all Subtask 6-2, SubCLIN 000362a end states as defined in Section C of the Subtask within the POP. The Subtask 6-2, SubCLIN 000362b POP is not yet authorized.
- (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 Officers:
- (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: Brian Henry
 - (B) Telephone number: 865/241-8340
 - (C) Address: U.S. Department of Energy
Oak Ridge Office of Environmental Management
200 Administration Road
Oak Ridge, TN 37830
 - (D) Email address: Brian.Henry@orem.doe.gov

Section H – Special Contract Requirements

Section H of the Master IDIQ Contract 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 is incorporated by reference:

1. Attachment J-7 - Deliverables

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

Table J-7-6. Subtask 6-2 Deliverables

Number	Deliverable	Deliverable Due Date	DOE Action Response ¹	Reference
T6-2-001	Performance Measurement Baseline	Final to CO Within 30 days of Subtask issuance	Approve – 30 days	Section C.6.1.1, <i>Project Support Performance Requirements</i> Section H.51, <i>Task Ordering Procedure</i>
T6-2-002	Integrated Master Schedule	Final to CO Within 30 days of Subtask issuance	Approve – 30 days	Section C.6.1.1, <i>Project Support Performance Requirements</i> Section H.51, <i>Task Ordering Procedure</i>
T6-2-003	Subtask Metrics and Milestone Plan	Final to CO Within 30 days of Subtask issuance	Approve – 30 days	Section C.6.1.1, <i>Project Support Performance Requirements</i> Section H.51, <i>Task Ordering Procedure</i>
T6-2-004	Waste Generation Forecast	Final to CO Within 30 days of Subtask issuance	Approve – 30 days	Section C.6.2.8, <i>Waste Management</i>
<u>T6-2-005</u>	<u>Submit CD-4 Documentation for Alpha-2 Complex Demolition to OREM</u>	<u>9/7/2027</u>	<u>Approve – 30 days</u>	<u>Section C.3.2.5, Alpha 2 (9201-2) Complex CERCLA and FFA</u>
<u>T6-2-006</u>	<u>Lessons Learned and Project Closeout documentation for Alpha-2 Complex Demolition</u>	<u>9/7/2027</u>	<u>Approve – 30 days</u>	<u>Section C.3.2.5, Alpha 2 (9201-2) Complex CERCLA and FFA</u>
<u>T6-2-007</u>	<u>Alpha-2 PCCR, D1 to DOE</u>	<u>5/11/2027</u>	<u>**</u>	<u>Section C.3.2.5, Alpha 2 (9201-2) Complex CERCLA and FFA</u>
<u>T6-2-008</u>	<u>Alpha-2 PCCR, D2 to DOE</u>	<u>9/7/2027</u>	<u>**</u>	<u>Section C.3.2.5, Alpha 2 (9201-2) Complex CERCLA and FFA</u>

Table J-7-6. Subtask 6-2 Deliverables

Number	Deliverable	Deliverable Due Date	DOE Action Response ¹	Reference
¹ The DOE action is defined as follows: <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: CD Critical Decision CERCLA Comprehensive Environmental Response, Compensation, and Liability Act DOE Department of Energy FFA Federal Facilities Agreement OREM Oak Ridge Office of Environmental Management</p> <p><i>* Fully compliant regulatory submittals are due no less than 45 days in advance of FFA Appendix E milestone dates unless otherwise agreed to by DOE.</i></p> <p><i>** DOE and Regulatory Actions to follow the standard schedule protocol for primary and secondary documents established per the FFA.</i></p>				

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

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

Subtask 6-2 GFS/I	
GFS/I	REQUIREMENT
Y-12/CNS utility re-routes required for enduring site mission	DOE will provide utility re-routes required for Y-12 enduring site missions as follows for the PWS C.3.2.5 <i>Alpha-2 Balance of Facility Subproject</i> by 8/31/2024.
National Historic Preservation approval to proceed with demolition.	DOE will obtain approval from the State Historic Preservation Office required to proceed with PWS C.3.2.5.3, Alpha-2 (9201-2) Complex – Demolition prior to Subtask award.

Appendix B.9, Subtask 6-2 Fee Risk Ownership

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

Subtask 6-2 Fee Risk Ownership				
Risk ID	Title	Statement of Event	Type	Owner
TO-6-03	Ineffective Execution	If project management execution is not effective, in that other DOE program offices contractors or EM prime contractors, or other agreements established under Memorandum of Agreement(s) cannot fulfill DOE's commitments to UCOR, then Subtask schedule and cost performance may be impacted.	Risk	DOE
TO-6-04	Changes in Security Requirements	If federal security requirements increase, then Subtask cost and schedule performance may be impacted.	Risk	DOE
TO-6-05	Transportation Interruption	If another DOE prime contractor causes a waste transportation event on the reservation (e.g., spread of contamination) that results in a shutdown of waste transportation, it could impact Subtask cost and schedule performance.	Risk	DOE
TO-6-07	Designated Landfills Unavailable	If waste disposal facilities are not available when needed for waste disposal (e.g., due to unforeseen events such as temporary closure due to violations by another DOE prime contractor or significant weather event), then there could be an impact on Subtask cost and schedule performance.	Risk	DOE

Subtask 6-2 Fee Risk Ownership				
Risk ID	Title	Statement of Event	Type	Owner
TO-06-09	Unexpected Hazards/ Conditions (Differing site conditions)	If differing site conditions are encountered that could not have been reasonably foreseen, then there could be an impact on Subtask schedule and cost performance.	Risk	DOE
TO-6-13	Regulatory Approval Delayed/ Additional Requirements Added	If regulators take longer than the prescribed/planned protocols to approve regulatory documents, or impose additional requirements, then Subtask performance may be impacted.	Risk	DOE
TO-6-15	Delays in internal/ external DOE approval of required documents	If DOE takes longer than planned to approve procedural documents, then Subtask cost and schedule may be impacted. Documents may include DOE O 413.3B, Contract Award, Design documents, regulatory documents, waste handling plans, project management plans, etc.	Risk	DOE
TO-6-17	Change in ES&H Requirements - DOE Initiated	If DOE initiates a change to ES&H requirements, then Subtask cost and schedule performance may be impacted.	Risk/ Opportunity	DOE
TO-6-19	Extreme Weather	If an extreme weather event occurs (e.g., rain, heat, cold/snow, high winds/tornado, earthquake), then Subtask cost, schedule or technical performance may be impacted.	Risk	DOE
TO-6-21	Industrial Accidents	If an industrial accident by another DOE prime contractor occurs that results in a temporary shutdown of field activities, then there may be impacts to Subtask cost and schedule performance.	Risk	DOE

Subtask 6-2 Fee Risk Ownership				
Risk ID	Title	Statement of Event	Type	Owner
TO-6-24	Inadequate Infrastructure Space - Non-foreseeable	If local parking, laydown, administrative, training, and changing facilities are not located at or near the job site, due to unforeseeable circumstance, then shuttle bus service may be needed to get workers to the job site, and additional laydown area accommodations may be needed. Subtask cost and schedule performance may be impacted due to cost of alternative measures and lower worker efficiency.	Risk	DOE
TO-6-26	Non-WAC Compliant Waste - Non-Foreseeable	If waste planned for onsite disposal does not meet the onsite disposal Waste Acceptance Criteria (WAC) due to unforeseeable circumstance, then treatment/off-site disposal may be required.	Risk	DOE
TO-6-31	Supply Chain - Material/ Equipment Availability - Non-foreseeable	If unforeseeable supply chain issues impact material/equipment availability or lead times, then Subtask cost and schedule may be impacted.	Risk	DOE
<u>TO-6-33</u>	<u>Change in Planned Quantities Needed</u>	<u>If planned quantities or work processes changes (i.e., materials, characterization/ verification samples, waste/soil volumes, maintenance actions) differ from estimates, then Subtask cost and schedule performance may be impacted.</u>	<u>Risk/ Opportunity</u>	<u>Shared: See Appendix B.9, Subtask 6-2 Key Quantities</u>

Subtask 6-2 Fee Risk Ownership				
Risk ID	Title	Statement of Event	Type	Owner
TO-6-36	Contaminated Equipment Not Releasable - Non-foreseeable	If release conditions cannot be met due to unforeseeable and unpreventable conditions, then non-government equipment may need to be dispositioned and purchased by DOE.	Risk/ Opportunity	DOE
TO-6-39	Change in Mission or Policy - DOE Initiated	If DOE initiates mission or policy requirements change, then Subtask cost and schedule performance may be impacted. Includes other than ES&H related, for example - cyber security.	Risk/ Opportunity	DOE

Key quantities establishing risk thresholds applicable to the performance of this subtask are provided in the following tables.

Appendix B.9, Subtask 6-2, SubCLIN 000362a Key Quantities

<u>PWS</u>	<u>Key Quantities</u>	<u>Source of Quantity Estimate</u>	<u>Esc Cost (x 1,000)</u>	<u>Risk Threshold</u>
<u>C.03.02.05 - Alpha 2 (9201-2) Complex</u>	<u>Cubic Yard of building debris</u> <u>72,990</u>	<u>Based on walkdowns of the facility and historical information</u>	<u>\$17,117</u>	<u>± 50% and ± \$500K</u>
	<u>Pounds of Lead Shielding</u> <u>783,741</u>	<u>Based on walkdowns of the facility and historical information</u>	<u>\$2,571</u>	<u>± 30% and ± \$500K</u>
	<u>Anomalous Waste</u>		<u>\$0</u>	<u>\$250K</u>

Appendix B.9, Subtask 6-2, SubCLIN 00362b (Option) Key Quantities

<u>PWS</u>	<u>Key Quantities</u>	<u>Source of Quantity Estimate</u>	<u>Esc Cost (x 1,000)</u>	<u>Risk Threshold</u>
<u>C.03.02.05 - Alpha 2 (9201- 2) Complex</u>	<u>*Cubic Yard of CLSM excavated 7,680</u>	<u>Based on 20% of the CLSM volume need to be removed</u>	<u>\$1,400</u>	<u>± 10% and ± \$250K</u>