

Oak Ridge Cleanup Contract 89303322DEM000067
89303322DEM000067/89303523FEM400032

United Cleanup Oak Ridge LLC (UCOR)

Subtask: 1-03-08-01

Mission Support Facility – EMDF Line Item, Subtask 1 – Early Site
Preparation



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) 1-03 of the Oak Ridge Reservation Cleanup Contract (ORRCC) (herein referred to as the Master IDIQ Contract). Section B of the Master IDIQ Contract is incorporated by reference.

B.2 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.3 DOE-B-2002 Cost-Plus-Incentive-Fee Subtask: Total Estimated Cost and Incentive Fee (Oct 2014) (Revised)

(a) DOE-B-2003 Cost-Plus-Incentive-Fee Task Order: Total Estimated Cost and Incentive Fee (Oct 2014) (Revised)

(1) This is a Cost-Plus-Incentive-Fee type Subtask, which includes a cost incentive, performance incentives, and a schedule incentive. In accordance with the clause at FAR 52.216-10, *Incentive Fee*, the target cost, target fee, maximum and minimum fees are set forth below:

Target Cost: \$22,277,370

Target Fee: \$1,782,190 (8%)

Maximum Fee: \$3,341,606* (15%)

Minimum Fee: 0%

*Includes PMI \$668,321; therefore, remaining maximum fee available is \$2,673,284

(i) Cost Incentive:

Target Cost:	\$22,277,370
Target Fee (2.5%):	\$445,547
Maximum Fee (5%):	\$891,095
Minimum Fee:	\$0

For the cost incentive portion of fee, as specified at Section I clause FAR 52.216-10, *Incentive Fee*, paragraph (e)(1): the fee payable under this subtask 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 **\$891,095** or less than **\$0**.

(ii) Performance Incentive:

Maximum Fee (7.0%):	\$ 1,247,533
Minimum Fee:	\$ 0

Performance incentive fee shall be earned as follows, as each construction subproject is completed:

Table B-1. Performance Incentive.

PERFORMANCE INCENTIVE – INTERIM/PROGRESS & COMPLETION	Amount
Interim/Progress Fee (earned upon completion/no clawback)(70%)	
Spoils Area Construction Complete	\$ 174,655
Support Area Construction Complete	\$ 174,655
Road Reroute Construction Complete	\$ 349,309
Borrow Area Site 7b - Prep Complete	\$ 174,655
Subtask 1-03-08-1 End State Completed NLT 9/11/2024	\$ 374,260
Total Available Performance Incentive - Max 7%	\$1,247,533

- (A) The value of interim construction milestones is based on the importance and value of the work to be performed. Upon completion of an interim construction milestone, the Contractor shall earn the amount specified for that milestone. The four construction milestones total \$873,274.
- (B) The remaining \$374,260 shall be earned by the Contractor after completing the final construction milestone on or before September 11, 2024. None of the \$374,260 fee shall be earned if work is not completed by September 11, 2024.

- (C) Completion criteria to earn interim progress fee for construction milestones are as follows, in accordance with Subtask 1-03-08-01:
- (1) Spoils area installed and ready to use:
 - (i) Access road installed.
 - (ii) Limits of spoils area cleared and grubbed.
 - (iii) Initial sediment and erosion controls constructed.
 - (iv) Vegetation waste managed.
 - (v) Spoils Area ready for intended use.
 - (2) Support area construction complete:
 - (i) Construction support area constructed in accordance with approved final design.
 - (ii) Access road installed.
 - (iii) Limits of construction support area cleared and grubbed.
 - (iv) Stormwater controls graded.
 - (v) Vegetation waste managed.
 - (vi) Project trailer(s) installed and connected to temporary power. Temporary power provided to the project trailer through ESP completion.
 - (vii) Parking area installed to standards.
 - (viii) Completion report including materials, testing results, as-builts issued and approved by DOE.
 - (3) Road Reroute Construction Complete:
 - (i) Roads constructed in accordance with approved final design.
 - (ii) Completion report, including materials, testing results, as-builts, final ORR traffic inspection and certification that roads meet standards, issued and approved by DOE.
 - (iii) Contaminated soils from excavation areas characterized, segregated, packaged and disposed.
 - (4) Borrow Area Site 7b - Prep Complete:
 - (i) Initial site access complete for Site 7b Borrow Area development.
- (D) Completion criteria for final performance fee payment is as follows:
- (1) Mitigation plans complete to allow Early Site Prep construction to begin:
 - (i) Mitigation pathway(s) approved to allow construction activities to begin.
 - (ii) Surveys, monitoring and supporting documents.
 - (2) Early Site Prep construction completion documentation approved by the PME:
 - (i) PME Approval of tailored Critical Decision-4 for the ESP Subproject.
 - (ii) Final report shall address any deficiencies or non-conformance items identified.

(iii) Schedule Incentive:

Maximum Fee (3.0%):	\$ 534,657
Minimum Fee:	\$ 0

Schedule incentive fee shall be earned if all work scope is completed ahead of schedule as follows:

Completed between August 10, 2024 and August 25, 2024	\$176,437
Completed between July 25, 2024 and August 9, 2024	\$358,220
Completed on or before July 24, 2024	\$534,657
Completion criteria:	See B.2(a)(1)(ii)(C)(D)

(b) Payment of fee shall be made in accordance with 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), and clause B.11, Provisional Payment of Fee (Oct 2013)(Revised) of the Master IDIQ Contract and is payable upon DOE’s final determination.

- (1) Cost incentive fee will be made 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.
- (2) Performance and schedule incentive fee under this subtask will be paid after completion criteria is validated by OREM.

(c) This subtask is subject to reopening pending receipt of audit of UCOR currently in process by an auditing firm retained by DOE. Therefore, the parties agree that the cost and associated fee 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 cost and fee 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 Subtask cost and associated fee shall be resolved in accordance with the Disputes Clause of the Contract.

B.5 Basis for Change

In accordance with Clause B.9 *Basis for Change*, of the Master IDIQ Contract, the identification of fee risk ownership for both the Government and the Contractor is set forth in Attachment B.5 to this Subtask.

B.6 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 (See B.3(a)(1)(iv)).

Section C – Performance Work Statement

C.1 Subtask Requirements

The Contractor shall perform the requirements in accordance with the Master IDIQ Contract and the information included below:

PERFORMANCE BASED STATEMENT OF WORK Mission Support Facility – EMDF Line Item

1.0 INTRODUCTION

This is an end states Subtask. The desired outcome for *Mission Support Facility – EMDF Line Item* is the completed design, construction, and startup of the new onsite CERCLA disposal facility (the EMDF) to support uninterrupted cleanup activities on the ORR.

The EMDF is a Line-Item construction project (17-D-401) that is planned to be executed under tailored critical decision approval(s) as three DOE Order 413.3B phased subprojects:

- Subproject 1: Early Site Preparation (ESP)
- Subproject 2: Groundwater Field Demonstration (GWFD)
- Subproject 3: Balance of Phase I Construction, including the wastewater treatment system and support facilities (BOC)

Completion of these phased subprojects is structured in two Mission Support Facility – EMDF Subtasks, as follows:

Mission Support Facility - EMDF Subtask 1 (1-03-08-01): Includes the completion of Subproject 1, Early Site Preparation (ESP) Construction as defined in the Subtask Section 3.0, *Scope* following applicable Critical Decision approval by the Project Management Executive (PME).

Mission Support Facility - EMDF Subtask 2 (1-03-08-02): Includes completion of Subproject 2, Groundwater Field Demonstration (GWFD) and Subproject 3, Balance of Phase I Construction (BOC) as defined in Subtask Section 3.0, *Scope*.

The Contractor shall ensure the EMDF Subtask 1 scope is integrated with EMDF Subtask 2, and other Subtasks, as necessary.

The Contractor shall incorporate Subtask 1-03-08-01 into the Performance Measurement Baseline and Integrated Master Schedule and shall submit the following Subtask-specific Deliverables to DOE for approval, as required per Section J-7-8:

- Deliverable T8-1-001, *Performance Measurement Baseline (Final within 30 days of Subtask issuance)*, which is to include per H.51, *Task Ordering Procedure*:
 - A fragment of the detailed resource-loaded schedule for the Subtask 1-03-08-01 scope of work.
 - Updated WBS Dictionary Sheets showing the addition of the Subtask 1-03-08-01 scopes of work through DOE WBS Level 7, which shall align with the Master IDIQ Section C Performance Work Statement (PWS) subsections at the lowest level. The WBS submittal shall include a data column which cross references the WBS elements at the lowest level to the appropriate Contract Line-Item Number (CLIN)/Sub-CLIN and PWS subsection. The WBS Dictionary shall also include updated Basis of estimate organized by DOE WBS Level 7 with detail by Control Account incorporating the addition of the Subtask 1-03-08-01 scope of work.
 - Updated Time-phased cost estimate for the Subtask 1-03-08-01 period of performance, summarized at DOE WBS Level 6 with detail at DOE WBS Level 7 and Control Account showing the addition of the Subtask 1-03-08-01 scope of work and Total Estimated Cost.
- Deliverable T8-1-002, *Integrated Master Schedule (Final within 30 days of Subtask issuance)*, which is to include per H.51, *Task Ordering Procedure*:
 - A copy of the Integrated Master Schedule showing the inclusion of the Subtask 1-03-08-01 scope of work and identifying the logic ties and dependencies between already contracted Subtask scopes of work and the Subtask 1-03-08-01 work scope.
- Deliverable T8-1-003, *Subtask Metrics and Milestone Plan (Final within 30 days of Subtask issuance)*: To incorporate the applicable J-7-8-1 Deliverables, Subtask-specific milestones, and *10-Year Task Order Strategic Plan* metrics applicable to the Subtask 1-03-08-01 scope of work, including 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 Deinventoried (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 Deinventoried (Curies)
 - Contaminant Load Remediated from Soil and Other Environmental Media (yd3)
- T8-1-004, *Waste Generation Forecast (Final within 30 days of Subtask issuance)*:
To document the Waste Generation Forecast for the Subtask 1-03-08-01 scope of work, including the following data elements 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

2.0 BACKGROUND

Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) remediation of facilities that are contaminated by historical Manhattan Project and Cold War activities is the major focus of the OREM Program. This cleanup mission is projected to take the next 25 years to complete and will result in large volumes of radioactive, hazardous, and mixed waste requiring disposal. The current onsite disposal cell is nearing capacity and the remaining estimated volumes will require approximately 2.2 million yd³ of disposal capacity. The Environmental Management Disposal Facility (EMDF) will be built to provide this capacity in phases so only the capacity that is needed is constructed. The EMDF will be built to meet Resource Conservation and Recovery Act and Toxic Substances Control Act requirements as well as those from DOE O 435.1 for disposal of low-level (radioactive) waste.

The EMDF project includes final design of an engineered land disposal facility with multiple cells and up to approximately 2.2 million yd³ of capacity; a landfill wastewater collection and treatment system; all support infrastructure (e.g., utilities, personnel facilities); and a conceptual level design of the final cover. The Phase I construction of the facility will provide approximately one-third of the total capacity and fully construct the support infrastructure/facilities (e.g., the landfill wastewater treatment system, personnel facilities, utility systems).

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:

- **C.4 CERCLA Disposal Facility Construction (Y-12)**

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 end state completion objectives into the Subtask:

Mission Support Facility – EMDF, Subtask 1 (1-03-08-01):

C.4.2 CERCLA Disposal Facility Construction

The ESP Construction end state to be completed during the Subtask period of performance includes:

- Access road and parking area for Borrow area 7b complete.
- Reroutes to Haul Road and Bear Creek Road complete meeting industry standards and Oak Ridge Reservation Standards.
- Construction support areas for the Groundwater Field Demonstration (GWFD) and Phase I Construction established with access roads and parking areas for operations personnel constructed.

- Spoils area installed and ready to use.
 - ESP mitigations documentation complete to allow ESP construction to proceed.
 - Sensitive resources mitigation included removal of bat roosting trees prior to the start of ESP construction.
 - ESP Construction completion documentation approved by the PME.
- Regulatory and critical decision approvals required to proceed with Early Site Preparation construction and acquisition of early site preparation construction subcontract(s) will be completed in TO 1-03, *End States Phase In*.
 - ESP activities for road reroutes, access road and parking for borrow area 7B Phase 1, and construction support area are expected to require mitigation.
 - There is no ESP scope related to the central borrow area.
 - Spoils area will not be larger than approximately 5 acres.
 - Assume up to 5% of existing asphalt roadbeds and soils to be removed for Bear Creek Road re-route will be contaminated, requiring characterization and segregation prior to disposal.
 - Temporary power will be provided to the Construction Support Area through completion of Subtask 1.

4.0 APPLICABLE DIRECTIVES

In addition to the Directives included in the Master IDIQ Contract Attachment J-2, Directives specific to this Subtask are included in Attachment J-2-8.

5.0 DELIVERABLES

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

6.0 GOVERNMENT-FURNISHED SERVICES AND INFORMATION

In addition to the Government-Furnished Services and Information included in the Master IDIQ Contract Attachment J-8, GFS/I specific to this Subtask are included in Attachment J-8-8.

7.0 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 1-03-08-01: Early Site Preparation	
End State Requirement	Work Scope/Completion Criteria
Access road and parking for Borrow area 7b complete.	<ul style="list-style-type: none"> • Initial site access complete for Site 7b Borrow Area development.
Reroutes to Haul Road and Bear Creek Road complete meeting industry standards and Oak Ridge Reservation Standards	<ul style="list-style-type: none"> • Roads constructed in accordance with approved final design. • Completion report, including materials, testing results, as-builts, final ORR traffic inspection and certification that roads meet standards, issued and approved by DOE. • Contaminated soils from excavation areas characterized, segregated, packaged and disposed.
Construction support areas for the Groundwater Field Demonstration (GWFD) and Phase I Construction established with access roads and parking areas for operations personnel constructed	<ul style="list-style-type: none"> • Construction support area constructed in accordance with approved final design. • Access road installed. • Limits of construction support area cleared and grubbed. • Stormwater controls graded. • Vegetation waste managed. • Project trailer(s) installed and connected to temporary power. Temporary power provided to the project trailer through ESP completion. • Parking area installed to standards. • Completion report including materials, testing results, as-builts issued and approved by DOE.
Spoils area installed and ready to use	<ul style="list-style-type: none"> • Access road installed. • Limits of spoils area cleared and grubbed. • Initial sediment and erosion controls constructed. • Vegetation waste managed. • Spoils Area ready for intended use.
Mitigation plans complete to allow ESP construction to begin	<ul style="list-style-type: none"> • Mitigation pathway(s) approved to allow construction activities to begin. • Surveys, monitoring and supporting documents
ESP Construction completion documentation approved by the PME	<ul style="list-style-type: none"> • PME Approval of tailored Critical Decision-4 for the ESP Subproject. • Final report shall address any deficiencies or non-conformance items identified.

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, if applicable. The performance objectives and standards are as follows:

Subtask 1-03-08-01: Early Site Preparation	
Objective	Standard
Construct roads in accordance with approved designs, standards and practices	No more than two corrective deficiencies issued by DOE
Stormwater management control and mitigation	No violation issued for stormwater discharges as a result of contractor's actions
Minimum impact to traffic flow on Bear Creek	No traffic disruption during prime commuter traffic period and no complete road closure during Y-12 Bear Creek Road west gate operating hours
Follow requirements and required notification in Memorandum of Agreement giving operational control of EMDF area to OREM	No violations of MOA as a result of contractor's actions
All documents submitted without errors and omissions	No more than one reissue required
Construct working structures (surfaces, drainage swales, culverts, construction pads, parking area) in accordance with approved designs, standards and practices	No more than four corrective deficiencies issued by DOE
Perform work in accordance with CERCLA documents	No violations of CERCLA document as a result of contractor's actions
Wildlife mitigation and Sensitive Habitat included in Best Management Practice	No violation for failing to follow mitigation best management practices

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 Period of Performance (POP) for Subtask 1-03-08-01 is estimated to be 14 months from July 24, 2023, through September 11, 2024; however, Subtask 1-03-08-01 will not be considered complete until the end state is achieved as defined in Section C of the Subtask.
- (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: John Phelps

(B) Telephone number: 865/576-1147

(C) Address:

U.S. Department of Energy
Oak Ridge Office of Environmental Management
200 Administration Road
Oak Ridge, TN 37830

(D) Email address: John.Phelps@orem.doe.gov

(E) Name: Karen Shears

(F) Telephone number: 865/241-6411

(G) Address:

U.S. Department of Energy
Oak Ridge Office of Environmental Management
200 Administration Road
Oak Ridge, TN 37830

(H) Email address: Karen.Shears@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

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

None.

Section I – Contract Clauses

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

None.

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

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

1. Section J-2 – Directives

Attachment J-2-8 includes the following additional directives for this Subtask:
 None.

2. Section J-5 – Small Business Subcontracting Goals

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

Table J-5-8a. Subtask 1-03-08-01 Small Business Subcontracting Goals

Category	Total to be Subcontracted (\$)	Minimum Small Business Goals as a percent of total subcontracted dollars
Total Subcontracted	\$22,083,391	
Total Small Business Subcontracts	\$9,937,526	45%
Veteran-Owned Small Business (VOSB)	\$662,501	3%
Service-Disabled Veteran-Owned Small Business (SDVOSB)	\$662,501	3%
Historically Underutilized Business Zone (HUBZone)	\$662,501	3%
Small Disadvantaged Business	\$1,104,169	5%
Women-owned Small Business	\$1,104,169	5%

In accordance with Clause H.52, *Subcontracted Work*, Government-Provided Costs for Reservation Management and Post-Retirement Benefits and Long-Term Disability and Pension Contribution, and estimated costs for services acquired under parent organization support plan and 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-5-8b.

Table J-5-8b. Subtask 1-03-08-01 Costs Not Included in Subcontracting Goals

Reservation Management	Not applicable
Post-Retirement Benefits and Long-Term Disability and Pension Contribution	Not applicable
Site Usage Fees	Not applicable

Services Acquired under Parent Organization Support Plan	\$218,413
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3. Attachment J-7-8, Contract Deliverables, includes the following additional deliverables for this Subtask:

Table J-7-8. Subtask 1-03-08-01 Deliverables

Number	Deliverable	Deliverable Due Date	DOE Action Response ¹	Reference
T8-1-001	Performance Measurement Baseline	Draft with Subtask Proposal; 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>
T8-1-002	Integrated Master Schedule	Draft with Subtask Proposal; 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>
T8-1-003	Subtask Metrics and Milestone Plan	Draft with Subtask Proposal; 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>
T8-1-004	Waste Generation Forecast	Draft with Subtask Proposal; Final Within 30 days of Subtask issuance	Approve – 30 days	Section C.6.2.8, <i>Waste Management</i>
T8-1-005	Early site preparation tailored CD-4 issued to DOE for PME approval.	Within 30 days of EMDF ESP fieldwork completion	Approve – 90 days	C.4.2, <i>CERCLA Disposal Facility Construction</i> DOE O 413.3B
T8-1-006	Construction Support Area completion report including as-builts and testing results	Within 30 days of ESP - Construction Support Area fieldwork completion	Approve – 30 days	C.4.2, <i>CERCLA Disposal Facility Construction</i> DOE O 413.3B

Table J-7-8. Subtask 1-03-08-01 Deliverables

Number	Deliverable	Deliverable Due Date	DOE Action Response ¹	Reference																								
T8-1-007	Road Reroute completion report, including testing results, as-builts, final ORR traffic inspection and certification	Within 30 days of ESP – Road Reroute fieldwork completion	Approve – 30 days	C.4.2, <i>CERCLA Disposal Facility Construction</i> DOE O 413.3B																								
<p>¹The DOE action is defined as follows:</p> <ul style="list-style-type: none"> • Approve – The Contractor shall provide the deliverable to DOE for review and approval. DOE will review the deliverable and provide comments or approve as submitted. If necessary, the Contractor shall revise the document to incorporate mandatory DOE comments and resubmit for DOE approval. Once approved by DOE, the deliverable shall be placed under change control with changes requiring DOE approval. It is not intended that editorial changes or corrections that do not alter commitments would require new DOE approval. • Review – The Contractor shall provide the deliverable to DOE for review. DOE will review the information and will provide comments, as necessary. If necessary, the Contractor shall revise the document to incorporate mandatory DOE comments. • Information – The Contractor shall provide the deliverable for information purposes only. DOE will review the information and may provide comments. Such comments do not require resolution under the Contract. <p>Acronyms</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 15%;">CD</td> <td style="width: 35%;">Critical Decision</td> <td style="width: 15%;">OREM</td> <td style="width: 35%;">Oak Ridge Office of Environmental Management</td> </tr> <tr> <td>CERCLA</td> <td>Comprehensive Environmental Response, Compensation, and Liability Act of 1980</td> <td>ORR</td> <td>Oak Ridge Reservation</td> </tr> <tr> <td>DOE</td> <td>Department of Energy</td> <td></td> <td></td> </tr> <tr> <td>EMDF</td> <td>Environmental Management Disposal Facility</td> <td></td> <td></td> </tr> <tr> <td>ESP</td> <td>Early Site Preparation</td> <td></td> <td></td> </tr> <tr> <td>FFA</td> <td>Federal Facility Agreement</td> <td></td> <td></td> </tr> </table>					CD	Critical Decision	OREM	Oak Ridge Office of Environmental Management	CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act of 1980	ORR	Oak Ridge Reservation	DOE	Department of Energy			EMDF	Environmental Management Disposal Facility			ESP	Early Site Preparation			FFA	Federal Facility Agreement		
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4. Attachment J-8-8 includes the following additional GFS/I for this Subtask:

Table J-8-8, Subtask Specific GFS/I	
GFS/I	REQUIREMENT*
None	

Attachment B.5 Basis for Change:

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

Subtask 1-03-08-01 Fee Risk Ownership					
Risk ID	Title	Statement of Event	Type	Owner	Planned Mitigation by UCOR
TO-8-03	Ineffective Execution	If project management execution is not effective, in that other DOE program offices contractors, 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-8-04	Changes in Security Requirements	If federal security requirements increase, then cost and schedule performance may be impacted.	Risk	DOE	
TO-8-05	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, then cost and schedule performance may be impacted.	Risk	DOE	

Subtask 1-03-08-01 Fee Risk Ownership					
Risk ID	Title	Statement of Event	Type	Owner	Planned Mitigation by UCOR
TO-8-07	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 schedule and cost performance may be impacted.	Risk	DOE	
TO-8-09	Unexpected Hazards/Conditions	If differing site conditions are encountered that could not have been reasonably foreseen, then schedule and cost performance may be impacted. Includes unexpected contamination.	Risk	DOE	
TO-8-13	Design(s) Changes Needed	If DOE directs changes (outside from additional regulatory requirements or changes to DOE policy/mission) to designs/technical approaches once design is finalized, then technical cost, schedule and performance could be impacted.	Risk	DOE	

Subtask 1-03-08-01 Fee Risk Ownership					
Risk ID	Title	Statement of Event	Type	Owner	Planned Mitigation by UCOR
TO-8-14	Regulatory Approval Delayed/Additional Requirements Added	If regulators take longer than the prescribed/planned protocols to approve regulatory documents, or impose additional requirements, then schedule and cost performance may be impacted.	Risk	DOE	
TO-8-16	Delays in internal/external DOE approval of required documents	If DOE takes longer than planned to approve procedural documents, then cost and schedule performance 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-8-18	Change in ES&H Requirements - DOE Initiated	If DOE initiates ES&H requirements change, then cost and schedule performance may be impacted.	Risk/ Opportunity	DOE	
TO-8-20	Extreme Weather	If an extreme weather event occurs (e.g., rain, heat, cold/snow, high winds/tornado, earthquake), then cost, schedule or technical performance may be impacted.	Risk	DOE	

Subtask 1-03-08-01 Fee Risk Ownership					
Risk ID	Title	Statement of Event	Type	Owner	Planned Mitigation by UCOR
TO-8-22	Industrial Accidents	If an industrial accident by another DOE prime contractor occurs that results in a temporary shutdown of field activities, then schedule and cost performance may be impacted.	Risk	DOE	
TO-8-25	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-8-27	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	

Subtask 1-03-08-01 Fee Risk Ownership					
Risk ID	Title	Statement of Event	Type	Owner	Planned Mitigation by UCOR
TO-8-31	Bids Differ from Estimates	If subcontractor/supplier bids are less or greater than estimates (including supply chain & inflation impacts), then Subtask cost and schedule performance may be impacted.	Risk/ Opportunity	Shared	UCOR will include mitigation for the remaining Spoils area and contaminated soil cleanup subcontract bid(s) being up to 10% greater than estimated.
TO-8-32	Change in Planned Quantities Needed	If planned quantities or work processes (i.e., materials, characterization/ verification samples, waste/soil volumes) are more or less than estimated, then cost and schedule performance may be impacted.	Risk/ Opportunity	Shared	UCOR will include mitigation for up to 5% of existing asphalt roadbeds and soils removed for Bear Creek Road re-route being contaminated, requiring characterization and segregation prior to disposal. This mitigation includes 1,640 CY of contaminated soil with 15% swell to be removed, packaged, and shipped for disposal.
TO-8-35	Contaminated Equipment Not Releasable	If release conditions cannot be met due to unforeseeable and unpreventable conditions, then non-government equipment may need to be purchased and dispositioned.	Risk/ Opportunity	DOE	

Subtask 1-03-08-01 Fee Risk Ownership					
Risk ID	Title	Statement of Event	Type	Owner	Planned Mitigation by UCOR
TO-8-36	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-8-38	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	