

Oak Ridge Cleanup Contract 89303322DEM000067/
89303322DEM000067/89303523FEM400032

United Cleanup Oak Ridge LLC (UCOR)

Subtask No: 4-2

Core Functions, Subtask 2: Identity, Credential, and Access Management
(ICAM) Implementation



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) Master Indefinite Delivery/Indefinite Quantity (IDIQ) Contract (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-2001 Cost-Plus-Fixed-Fee Subtask: Total Estimated Cost and Fixed Fee (Oct 2014) (Revised)

- (1) This is a Cost-Plus-Fixed-Fee type Subtask. In accordance with the clause at FAR 52.216-8, *Fixed Fee*, the total estimated cost and fixed-fee for this Subtask are as follows:

Table B-1. Estimated Total Price

| | |
|------------------------------|-----------|
| Total Estimated Cost | \$774,095 |
| Fee | \$ 30,964 |
| Total Estimated Price | \$805,059 |

**This Subtask is subject to reopening pending receipt of audit of UCOR currently in process by an auditing firm retained by DOE. Therefore, the parties agree that the Total Subtask Estimated Value is subject to adjustment based on the results of audit report and resolution of audit findings. Should there be no agreement between DOE and Contractor on the amount of the price adjustment, the Contracting Officer may make a unilateral determination and modify the Subtask accordingly. Failure of Contractor and DOE to agree with such change and the resulting Total Subtask Estimated Value shall be resolved in accordance with the Disputes Clause of the Contract.*

- (2) The Total Estimated Cost and Fee of the Subtask, and/or the Total Estimated Cost and Fee of the Subtask Contract Line Items, is as follows:

| CLIN/ SubCLIN | CLIN/SubCLIN Title | CLIN Type | Estimated Cost | Fee | Total Estimated Price |
|------------------|---|--------------|-------------------|------------------|-----------------------------|
| 1 | Oak Ridge Reservation Cleanup Contract | | | | |
| 1-03 | ORRCC End State Task Orders 89303322DEM000067/893 03523FEM400032 | | | | |
| 1-03-04-02 | Core Functions, Subtask 2: ICAM Implementation | CPFF | \$ 774,095 | \$ 30,964 | \$ 805,059 |
| Total | | | \$774,095 | \$ 30,964 | \$ 805,059 |

Acronyms:

CLIN Contract Line Item Number ORRCC Oak Ridge Reservation Cleanup Contract
 CPFF cost-plus-fixed-fee ICAM Identity, Credential, and Access Management

(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.5 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.5:

B.6 Performance Management Incentive

In accordance with Clause B.12, *Performance Management Incentive*, of the Master IDIQ Contract, Performance Management Incentive is not 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 the information included below:

PERFORMANCE BASED STATEMENT OF WORK
Core Functions, Subtask 2: ICAM Implementation

1.0 INTRODUCTION

This Subtask includes implementation of the programs that must exist to perform the cleanup mission of the ORR Cleanup Contract safely and effectively. The programmatic requirements and associated implementing instructions established under these programs shall be applied to all work authorized through task orders.

This is an end states Subtask. The desired outcome of this Subtask is to complete the work necessary to comply with Department of Energy (DOE) Order 206.2, Chg 1 (LtdChg), dated September 2, 2022 which was incorporated into the Oak Ridge Reservation Cleanup Contract Number 89303322DEM000067 Section J-2 by Modification P00014.

The Contractor shall incorporate Subtask 4-2 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-7-1:

- Deliverable T4-2-001, *Performance Measurement Baseline*, which is to include per H.51, *Ordering Procedure*:
 - A fragment of the detailed resource-loaded schedule for the Subtask 4-2 scope of work.
 - Updated WBS Dictionary Sheets showing the addition of the Subtask 4-2 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 4-2 scope of work.
 - Updated Time-phased cost estimate for the Subtask 4-2 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 4-2 scope of work and Total Estimated Cost.
- Deliverable T4-2-002, *Integrated Master Schedule*, which is to include per H.51, *Ordering Procedure*:
 - A copy of the Integrated Master Schedule showing the inclusion of the Subtask 4-2 scope of work and identifying the logic ties and dependencies between already contracted Subtask scopes of work and the Subtask 4-2 work scope.

- T4-2-003, *Waste Generation Forecast*: To document the Waste Generation Forecast for the Subtask 4-2 scope of work, including the following data element, as applicable:
 - 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

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

2.0 BACKGROUND

In response to letter “*Request for Impact Assessment – Listing of Directives*”, dated October 17, 2022 (DOE-22-0727), UCOR evaluated impacts of compliance with the update to DOE Order 206.2, Chg 1 (LtdChg). This Subtask is necessary to address the impacts and comply with the updated cybersecurity and physical security requirements for information, credentialing, and access control systems per DOE Order 206.2, Chg 1 (LtdChg). Buildings to be brought into compliance include: 100 Union Valley, 90 Union Valley, 701 Scarboro, K-1225, 1916 (T2 Receiving), Environmental Management Waste Management Facility (EMWMF), K-1036, Process Building 7880, and 105 Mitchell Road. Hardware requiring upgrade include Personal Identification Verification (PIV) badge readers, associated wiring, and controllers.

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.6 Core Functions (including the following PWS Subsection)

– C.6.1.16 Safeguards and Security

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

- Complete the work necessary to comply with Department of Energy (DOE) Order 206.2, Chg 1 (LtdChg), dated September 2, 2022, including:
 - Project Management and Project Support
 - Securing of subcontractor
 - Badging and training of subcontractors
 - Installation of badge readers, controller upgrades, associated communication and control cable and wiring, associated software
 - Operational testing and acceptance testing
 - Compliance assessment and report
 - Support to ensure procedures are maintained and records are managed properly
 - Support to ensure general and site specific training requirements are established and completed
 - General engineering support
 - Safety support for the project
 - One year of FIPS 201 HID pivCLASS Registration Engine for HSPD-12 card date management (additional years not included)
 - One year of FIPS 201 HID pivCLASS Certificate Manager for ongoing certificate checks (additional years not included)
- Buildings to comply with the updated Order include 100 Union Valley, 90 Union Valley, 701 Scarboro, K-1225, 1916 T2 and T3, Environmental Management Waste Management Facility (EMWMF), K-1036, TWPC, and 105 Mitchell Road.
- Assume no mobilization submittals.
- Assume future costs (for year two and beyond) for FIPS 201 HID pivCLASS registration Engineer/Certificate Manager will be authorized in a future Subtask.
- Assume potential buildings (e.g., training facility) added to the ORRCC in the future will have a requirement in the lease for access control and associated costs will be included in future Subtask(s).

4.0 APPLICABLE DIRECTIVES

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

6.0 DELIVERABLES

In addition to the Deliverables included in the Master IDIQ Contract, additional Deliverables are included in Attachment J-7-4-2 to this Subtask.

7.0 GOVERNMENT-FURNISHED SERVICES AND ITEMS

In addition to the Government-Furnished Services and Items included in the Master IDIQ Contract, additional Government-Furnished Services are included in Attachment J-8-4-2 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 Number and Description | |
|--|---|
| End State Requirement | Work Scope/Completion Criteria |
| Complete the work necessary to comply with Department of Energy (DOE) Order 206.2, Chg 1 (LtdChg), dated September 2, 2022 | <ul style="list-style-type: none"> • Complete acquisition of subcontractor. • Complete badging and training of subcontractors. • Complete installation of badge readers, controller upgrades, associated communication and control cable and wiring, and associated software. • Complete operational testing and acceptance testing. • Complete compliance assessment and report. • Ensure procedures are maintained and records are managed properly. • Ensure general and site specific training requirements are established and completed. • Provide one year of FIPS 201 HID pivCLASS Registration Engine for HSPD-12 card date management. • Provide one year of FIPS 201 HID pivCLASS Certificate Manager for ongoing certificate checks. • Complete Project Management and Project Support, general engineering, and safety support for ICAM compliance implementation. |

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 4-2 Core Functions, Subtask 2: ICAM Implementation | |
|--|---|
| Objectives | Standard |
| All revisions to PMB made within the approved change control process. | No violations of change control approval thresholds |
| Task baseline representing the cost, schedule, and entire scope over the period of performance of the associated task delivered with each Task Order proposal. | Continuity gaps between task baselines and IBR(s) completed as scheduled by DOE are minimal and are addressed within 60 days of identification. |
| All documents submitted without errors and omissions | No more than one reissue required |

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 Task Order 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 estimated to be from October 2, 2023 through December 5, 2024, or 430 calendar days from the effective date of this 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 Officer
 - (A) Name: Talia Burchfield
 - (B) Telephone number: 865-574-8007
 - (C) Address:
 - U.S. Department of Energy
 - Oak Ridge Office of Environmental Management
 - 200 Administration Road
 - Oak Ridge, TN 37830
 - (D) Email address: Talia.Burchfield@orem.doe.gov
 - (2) Subtask Contracting Officer's Representative
 - (A) Name: Karen Thompson
 - (B) Telephone number: 865-576-8787
 - (C) Address:
 - U.S. Department of Energy
 - Oak Ridge Office of Environmental Management
 - 200 Administration Road
 - Oak Ridge, TN 37830
 - (D) Email address: Karen.Thompson@orem.doe.gov

Section H – Special Contract Requirements

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

None.

Section I – Contract Clauses

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

None.

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

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

1. Section J-2 – Directives

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

None.

2. Section J-3 – Interfaces

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

None.

3. Section J-5 – Small Business Subcontracting Goals

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

Table J-5-4-2a. Subtask Small Business Subcontracting Goals

| Category | Total to be Subcontracted (\$) | Minimum Small Business Goals as a percent of total subcontracted dollars |
|--|--------------------------------|--|
| Total Subcontracted | \$61,814 | 9% |
| Total Small Business Subcontracts | \$0 | 0% |
| Veteran-Owned Small Business (VOSB) | \$0 | 0% |
| Service-Disabled Veteran-Owned Small Business (SDVOSB) | \$0 | 0% |
| Historically Underutilized Business Zone (HUBZone) | \$0 | 0% |
| Small Disadvantaged Business | \$0 | 0% |
| Women-owned Small Business | \$0 | 0% |

In accordance with Clause H.52, *Subcontracted Work*, Government-Provided Costs for Reservation Management and Post-Retirement Benefits and Long-Term Disability and Pension Contribution, and costs for the site usage fees provided to other site contractors are included in the Subtask value, but not included in the cumulative Subtask value for subcontracting goals, are provided in Table J-5-4-2b.

Table J-5-4-2b. 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 | N/A |

4. Section J-7 – Deliverables

Attachment J-7-4-2, includes the following additional deliverables for this Subtask:

Table J-7-4-2. Subtask Deliverables

| Number | Deliverable | Deliverable Due Date | DOE Action Response ¹ | Reference |
|----------|--|--|----------------------------------|--|
| T4-2-001 | Performance Measurement Baseline | Final Within 30 days of Subtask issuance | Approve – 30 days | Section C.6.1.1, <i>Project Support Performance Requirements</i> Section H.51, <i>Task Ordering Procedure</i> |
| T4-2-002 | 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> |
| T4-2-003 | Waste Generation Forecast | Final Within 30 days of Subtask issuance | Approve – 30 days | Section C.6.2.8, <i>Waste Management</i> |
| T4-2-004 | ICAM Implementation Compliance Assessment Report | By 10/1/2024 | Information | Section C.6.1.16, <i>Safeguards and Security</i> |

Table J-7-4-2. Subtask 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: DOE Department of Energy ICAM Identity, Credential, and Access Management</p> | | | | |

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

Attachment J-8-4-2 includes the following additional GFS/I for this Subtask:

| Table J-8-4-2, Subtask Specific GFS/I | |
|---------------------------------------|-------------|
| GFS/I | REQUIREMENT |
| None | |

Appendix B.5

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

| Subtask 4-2 Fee Risk Ownership | | | | | |
|---------------------------------------|----------------------------------|---|----------------------|--------------|-----------------------------------|
| Risk ID | Title | Statement of Event | Type | Owner | Planned Mitigation by UCOR |
| TO-04-02-01 | 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-04-02-02 | Changes in Security Requirements | If federal security requirements change, then Subtask cost and schedule performance may be impacted. | Risk/ Opportunity | DOE | |
| TO-04-02-03 | 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 | |

| Subtask 4-2 Fee Risk Ownership | | | | | |
|---------------------------------------|---|--|-------------|--------------|-----------------------------------|
| Risk ID | Title | Statement of Event | Type | Owner | Planned Mitigation by UCOR |
| TO-04-02-04 | Designated Landfills Unavailable | If waste disposal facilities are not available when needed for waste disposal (e.g., due to unforeseen circumstance such as temporary closure due to violations by another DOE prime contractor or significant weather event) then there could be an impact on waste generation forecast cost performance. | Risk | DOE | |
| TO-04-02-05 | Unexpected Hazards/Conditions (Differing site conditions) | If differing conditions are encountered that could not have been reasonably foreseen, then there could be an impact on Subtask schedule and cost performance. | Risk | DOE | |
| TO-04-02-06 | Regulatory Approval Delayed/ Additional Requirements Added | If regulators takes longer than the prescribed/planned protocols to approve regulatory documents, or impose additional requirements, then Subtask performance may be impacted. | Risk | DOE | |
| TO-04-02-07 | Delays in internal/external DOE review/approval of required documents | If DOE takes longer than planned to review/approve documents, due to reasons other than document quality, then Subtask cost and schedule may be impacted. Documents may include DOE O 413.3B, Contract Award, Design documents, regulatory documents, waste handling plans, project management plans, etc. | Risk | DOE | |

| Subtask 4-2 Fee Risk Ownership | | | | | |
|---------------------------------------|--|---|----------------------|--------------|-----------------------------------|
| Risk ID | Title | Statement of Event | Type | Owner | Planned Mitigation by UCOR |
| TO-04-02-08 | 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-04-02-09 | 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-04-02-10 | 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-04-02-11 | Supply Chain - Material/Equipment Availability - Non-foreseeable | If unforeseeable supply chain issues impact material/equipment availability or lead times, then Subtask cost and schedule may be impacted. | Risk | DOE | |
| TO-04-02-12 | 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-04-02-13 | 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 | |

| Subtask 4-2 Fee Risk Ownership | | | | | |
|---------------------------------------|--|---|-------------|--------------|-----------------------------------|
| Risk ID | Title | Statement of Event | Type | Owner | Planned Mitigation by UCOR |
| TO-04-02-14 | NHPA Impacts Non-foreseeable | If National Historic Preservation Act (NHPA) reviews by the Tennessee State Historic Preservation Officer (SHPO) or the Council take longer than the Historic Preservation Plan (HPP) prescribed protocols, such as the Section 106 Recordation, Interpretation and Documentation for the demolition of a facility, or there is disagreement with the recommended interpretive effort then Subtask performance may be impacted, may require additional efforts. | Risk | DOE | |
| TO-04-02-15 | Change Waste Generation Forecast - DOE Initiated | If DOE initiates a change impacting WGF, then Subtask cost performance may be impacted. | Risk | DOE | |