

## **Task Order 4 – End States Cleanup (Draft RTP)**

In accordance with the Master Indefinite Delivery/Indefinite Quantity (IDIQ) Contract Section H clause, *Task Ordering Procedure*, paragraph (c), the following constitutes the Request for Task Order Proposal (RTP) for the End States Cleanup Task Order.

The requirements for the Contractor’s Task Order proposal are set forth in paragraph (f) of the Section H clause, *Task Ordering Procedure*, and additional forthcoming proposal preparation instructions for a cost and fee proposal. The Contractor’s Task Order proposal shall utilize the Section J, Attachment J-11, *IDIQ Labor Rate Schedule*. Task Order 4, Appendix A, *Task Order Assumptions*, is provided for information only at this time, and will be removed from this Task Order upon award. The response time for submitting the Task Order Proposal is [TBD].

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## Section B – Supplies or Services and Prices/Costs

This Task Order work shall be performed under Contract Line Item Number (CLIN) 00001 of the Oak Ridge Reservation Cleanup Contract IDIQ Contract (herein referred to as the Master IDIQ Contract. Section B 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.

### 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 Task Order 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 (PWS) under this Task Order.

### B.2 Type of Contract

(c) 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 Task Order. In accordance with the Clause at Federal Acquisition Regulation (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 Task Order are shown in Table B-1.

**Table B-1. Target Cost and Fee Information**

Target Cost	[\$TBD upon final negotiation]
Target Fee	[\$TBD upon final negotiation]
Maximum Fee	15%
Minimum Fee	0%
Target Fee Increase Ratio	30 Cents/Dollar Less Than Target Cost
Target Fee Decrease Ratio	30 Cents/Dollar More Than Target Cost

The Contractor’s Task Order proposal is subject to audit in accordance with Department of Energy Acquisition Regulation (DEAR) 915.404-2-70. Therefore, this Task Order is subject to reopening, pending resolution of an external audit(s) of the Contractor’s proposal. At the time of Task Order issuance, an external audit(s) of the Contractor’s proposal may have not been completed. Therefore, the parties agree that the negotiated price is subject to adjustment based on the results of subsequent audit report(s) and resolution of audit findings. The Contracting Officer may make a unilateral adjustment to the Task Order price and modify the Task Order accordingly. Failure to agree with such adjustments shall be resolved in accordance with the Disputes clause of this contract. However, nothing in this clause shall allow the Contractor to not proceed with performance of the Task Order.

- (2) 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.

- (3) The target cost, target fee, minimum and maximum fee, and target fee increase/decrease ratios are applicable to the following Task Order CLIN. The Target Cost does not include the estimated cost associated with Site Usage Fees, which is non-fee bearing.
- (4) The Task Order CLIN structure is shown in Table B-2.

**Table B-2. Task Order CLIN Structure**

CLIN	CLIN Title	CLIN Type	Target Cost	Target Fee	Total
00001	End States Cleanup	CPIF	[\$TBD upon final negotiation]	[\$TBD upon final negotiation]	[\$TBD upon final negotiation]
00002	Site Usage Fees	CR	[\$TBD]	N/A	[\$TBD]
<b>Total</b>			<b>[\$TBD upon final negotiation]</b>	<b>[\$TBD upon final negotiation]</b>	<b>[\$TBD upon final negotiation]</b>

**Acronyms:**

- CLIN contract line item number
- CPIF cost plus incentive fee
- CR cost reimbursement
- N/A not applicable
- TBD to be determined

- (5) CLIN Description

*CLIN 00001 – End States Cleanup:*

This CLIN includes the target cost and target fee associated with performing the End States identified within the Task Order PWS with the exception of CLIN 00002.

The cost to perform the project and technical functions for the subtasks in Table C-1 shall be included in the applicable subtask PWS. All remaining program management and support functions not directly supporting field work shall be costed in the appropriate PWS C.6 *Core Functions* item in Task Order 3, *Mission Support Activities*.

*CLIN 00002 – Site Usage Fees*

This CLIN includes the estimated cost for Site Usage Fees, which cover site services such as emergency services (including fire protection), site emergency preparedness, site-wide regulatory compliance, sanitary waste management services, roads and grounds, etc. The Oak Ridge National Laboratory (ORNL) and Y-12 National Security Complex (Y-12) Management and Operating (M&O) Contractors charge an annual Site Usage Fee per site occupant that is non-fee-bearing.

- (6) Payment of fee shall be made in accordance with the Clause FAR 52.216-10, *Incentive Fee*, and the Payments clauses in the Master IDIQ Contract applicable to this Task Order.

The final fee calculation includes a reconciliation of the actual Site Usage Fees paid at the end of the Task Order for CLIN 00001, *End States Cleanup*. If there are any differences between the actual Site Usage Fee costs in relation to the Site Usage Fee negotiated cost, an adjustment will be made to the target cost and fee to reflect the change.

### B.3 DOE-B-2013 Obligation of Funds (Oct 2014)

- (a) Pursuant to the Clause of this Contract in FAR 52.232-22, *Limitation of Funds*, total funds in the amount(s) specified below are obligated for the payment of allowable costs and fee. It is estimated that this amount is sufficient to cover performance through the date(s) shown below.

[TBD at Task Order award]

- (b) *Financial plans; cost and encumbrance limitations*. In addition to the limitations provided for elsewhere in this contract, the Department of Energy (DOE) may, through financial plans such as Approved Funding Programs or other directives issued to the Contractor, establish controls on the costs to be incurred and encumbrances to be made in the performance of the contract work. Such plans and directives may be amended or supplemented from time to time by DOE. The Contractor shall:
- (1) Comply with the specific limitations (ceilings) on costs and encumbrances set forth in such plans and directives;
  - (2) Comply with other requirements of such plans and directives; and
  - (3) Notify DOE promptly, in writing, whenever it has reason to believe that any limitation on costs and encumbrances will be exceeded or substantially underrun.

## Section C – Performance Work Statement

The requisite clause information specific to this Task Order included below is consistent with the clause numbering structure established by the Master IDIQ Contract.

### C.1 Task Order Requirements

The End States Cleanup Task Order represents the two (2)-year period immediately following the Contract Implementation period. The detailed scope of work is identified and described in the Master IDIQ Contract. The Contractor shall perform the Section C PWS sections of the Master IDIQ Contract identified in Table C-1, *Listing of Task-Specific Scope*.

**Table C-1. Listing of Task-Specific Scope**

Master IDIQ PWS Section	Subtask Title
C.3.1.2.2	Complete the 3038 Facility <i>Preparation for Demolition</i> End State
C.3.1.2.3	Complete the 3038 Facility <i>Demolition</i> End State
C.3.1.3.2	Complete the Isotopes Area Facilities <i>Preparation for Demolition</i> End State
C.3.1.3.3	Complete the Isotopes Area Facilities <i>Demolition</i> End State
C.3.1.5.2	Complete the Graphite Reactor Support Facilities <i>Preparation for Demolition</i> End State
C.3.1.5.3	Complete the Graphite Reactor Support Facilities <i>Demolition</i> End State

**Table C-1. Listing of Task-Specific Scope**

<b>Master IDIQ PWS Section</b>	<b>Subtask Title</b>
C.3.1.6.3	Complete the Bulk Shielding and Low Intensity Test Reactors Complex <i>Demolition</i> End State
C.3.1.7.2	Complete the Oak Ridge Research Reactor Facilities <i>Preparation for Demolition</i> End State
C.3.1.7.3	Complete the Oak Ridge Research Reactor Facilities <i>Demolition</i> End State
C.3.1.11.2	Complete the 3517 and Support Facilities <i>Preparation for Demolition</i> End State
C.3.1.11.3	Complete the 3517 and Support Facilities <i>Demolition</i> End State
C.3.1.19.2	Complete the Experimental Gas-cooled Reactor Complex <i>Preparation for Demolition</i> End State
C.3.1.23.1	Complete the 3544 Complex <i>Characterization</i> End State
C.3.1.23.2	Complete the 3544 Complex <i>Preparation for Demolition</i> End State
C.3.1.23.3	Complete the 3544 Complex <i>Demolition</i> End State
C.3.2.5.2	Complete the Alpha 2 Complex <i>Preparation for Demolition</i> End State
C.3.2.7.2	Complete the Beta 1 Complex <i>Preparation for Demolition</i> End State
C.3.2.9.2	Complete the 9213 Complex <i>Preparation for Demolition</i> End State
C.3.2.16	Complete the Y-12 Exposure Unit 5 <i>Environmental Media Remediation</i> End State
C.3.2.17.2	Complete the 9401-1 Facility <i>Preparation for Demolition</i> End State
C.3.2.17.3	Complete the 9401-1 Facility <i>Demolition</i> End State
C.3.3.2.1	Complete work scope identified in this Task Order for the Zone 2 Southeast Area Exposure Units
C.3.3.2.2	Complete work scope identified in this Task Order for the Zone 2 North-by-Northwest Area Exposure Units
C.3.3.3.1	Complete work scope identified in this Task Order for the ETTP Proposed Plan and Record of Decision Development

**Acronyms**

IDIQ Indefinite Delivery/Indefinite Quantity  
PWS Performance Work Statement

The Contractor shall ensure this scope is integrated with other Task Orders, as necessary.

**Section D – Packaging and Marking**

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

**Section E – Inspection and Acceptance**

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

**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.1 Period of Performance**

- (a) The overall Task Order Period of Performance (POP) is two (2) years, from [TBD date to TBD date].
- (b) The Contractor shall not be paid for work performed or costs incurred prior to the Task Order effective date. The Contractor is not authorized to proceed beyond the Task Order POP, nor will the Contractor be paid for any costs incurred beyond that period unless the Task Order is modified by the Contracting Officer to extend the POP.

## **Section G – Contract Administration Data**

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

## **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**

Section J 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.

## Section J-7 – Contract Deliverables

In addition to the list of Contract Deliverables specified in the Master IDIQ Contract Section J, Attachment J-7, *Contract Deliverables*, the following list of End States Cleanup Deliverables is required for this Task Order.

**Table J-7-1. End States Cleanup Deliverables**

Number	Deliverable	Deliverable Due Date	DOE Action Response	Reference
T4-001	Performance Measurement Baseline (update for Task Order)	Within 30 days of each Task Order issuance	Approve – 30 days	Section C.6.1.1, <i>Project Support Performance Requirements</i>
T4-002	Project Management Plan (and updates) for Capital Asset Projects	As required	Review – 60 days	DOE O 413.3, <i>Program and Project Management for the Acquisition of Capital Assets</i> ; Section C.6.1.1, <i>Project Support Performance Requirements</i>
T4-003	Phased Construction Completion Report for 3038 Facility	*	**	CERCLA and FFA
T4-004	Phased Construction Completion Report for Isotopes Area Facilities	*	**	CERCLA and FFA
T4-005	Phased Construction Completion Report for Graphite Reactor Support Facilities	*	**	CERCLA and FFA
T4-006	Phased Construction Completion Report for Bulk Shielding and Low Intensity Test Reactors Complex	*	**	CERCLA and FFA
T4-007	Phased Construction Completion Report for Oak Ridge Research Reactor Facilities	*	**	CERCLA and FFA
T4-008	Phased Construction Completion Report for 3544 Complex	*	**	CERCLA and FFA
T4-009	Phased Construction Completion Report for 3517 Facility	*	**	CERCLA and FFA
T4-010	Phased Construction Completion Report for 9213 Facility	*	**	CERCLA and FFA
T4-011	Phased Construction Completion Report for 9401-01 Facility	*	**	CERCLA and FFA
T4-012	Phased Construction Completion Report Addendum for ETTP Zone 2, EU-17	*	**	CERCLA and FFA
T4-013	Phased Construction Completion Report Addendum for ETTP Zone 2, EU-30	*	**	CERCLA and FFA
T4-014	Phased Construction Completion Report Addendum for ETTP Zone 2, EU-33	*	**	CERCLA and FFA

**Table J-7-1. End States Cleanup Deliverables**

Number	Deliverable	Deliverable Due Date	DOE Action Response	Reference
T4-015	Phased Construction Completion Report for ETTP Zone 2, EU-35	*	**	CERCLA and FFA
T4-016	Phased Construction Completion Report Addendum for ETTP Zone 2, EU-36	*	**	CERCLA and FFA

**Acronyms:**

CERCLA           Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended  
 ETTP             East Tennessee Technology Park  
 EU                Exposure Unit  
 FFA               Federal Facility Agreement

**Notes:**

\* Deliverable Due Date:

- D0 – in accordance with FFA.
- D1 – in accordance with FFA.
- Post D1 (if needed) – Regulatory comments should be resolved and approved within 100 days from the DOE submittal date to the FFA parties.

\*\* DOE Action (Response)

- D0 – Review (30 days)
- D1 – DOE transmittal for regulatory approval (In accordance with the FFA)
- Post D1 (if needed) – DOE transmittal for regulatory approval (In accordance with the FFA)

## Appendix A: Task Order Assumptions

The following assumptions shall be used in preparation of the Task Order Proposal.

- (1) All proposed direct labor necessary to accomplish the PWS must be dedicated to this Contract. The permanent duty station is located on the Oak Ridge Reservation or in Oak Ridge, Tennessee. The Contractor shall not propose travel-related costs (e.g., per diem, travel, or any other miscellaneous expenses) following the transition period for employees and subcontractors who are permanently assigned to this Contract but reside outside the permanent duty station.
- (2) The Contractor shall assume the planned funding profile provided in Table A-1 below. The funding for Fiscal Year (FY) 2022 through FY 2024 shall be used planning execution of Task Orders 1, 2, 3, and 4.

**Table A-1. Funding Profile (in Millions)**

Funding Source	FY 2022	FY 2023	FY 2024	FY 2025
<b>Defense Environmental Cleanup</b>				
OR-0013B	\$18	\$39	\$39	\$39
OR-0020	\$4	\$5	\$5	\$5
OR-0041	\$124	\$154	\$176	\$231
OR-0042	\$127	\$163	\$177	\$202
Line Item 17-D-401 EMDF	\$22	\$73	\$63	\$50
Line Item 14-D-403 OF200*	\$0	\$0	\$0	\$0
TD-100	\$2	\$3	\$3	\$3
<b>Subtotal</b>	<b>\$297</b>	<b>\$437</b>	<b>\$463</b>	<b>\$530</b>
<b>Uranium Enrichment Decontamination and Decommissioning Fund</b>				
OR-0040	\$89	\$88	\$62	\$0
OR-0102	\$15	\$20	\$20	\$15
<b>Subtotal</b>	<b>\$104</b>	<b>\$108</b>	<b>\$82</b>	<b>\$15</b>
<b>Total</b>	<b>\$400</b>	<b>\$545</b>	<b>\$545</b>	<b>\$545</b>

\* Line Item 14-D-403 was fully-funded in prior years; contract scope will be funded with prior years' appropriations.

**Note:** The provided funding profile represents the Government’s estimate of future funding. This assumed funding is not a guarantee of available funds. Actual funding may be greater or less than these estimates. There is no commitment by DOE to request funds equivalent to this assumed funding. Available funds depend on Congressional appropriations and priorities within the DOE. The provided funding profile covers estimated costs and fee and/or prices to be identified in Section B of the Task Orders, inclusive of funding of pension and benefit programs described in Section C.

- (3) Costs to perform all project, technical, and field support functions shall be proposed in the PWS element requiring the support; no costs for field support labor shall be included in PWS element C.6, *Core Functions*. Core Functions are intended to capture only programmatic costs for the applicable programs that cannot be specifically attributed to a particular project.

- (4) The composite rate for services to be performed by ORNL M&O Contractor or Y-12 M&O Contractor employees should be assumed to be \$225.00 per hour.
- (5) Personnel accommodations for the Contractor’s workforce are the responsibility of the Contractor. Such accommodations include parking; storage; laydown; administrative, training, and changing facilities; conference rooms; offices, etc. Personnel accommodations as of July 31, 2020 are provided in Table A-2.

**Table A-2. Personnel Accommodations**

Location	Approximate Capacity	Cost Assumption
ORNL Central Campus (EM-owned facilities)	155	ORNL site usage fee applies to personnel at these locations.
ORNL Melton Valley (EM-owned facilities)	55	
ORNL Melton Valley Access Road (EM-owned facilities)	65	
Y-12 Biology Complex (EM-owned facilities)	240	Y-12 site usage fee applies to personnel at these locations.
Y-12 Alpha-2 and Beta-1 Complexes (EM-owned facilities)	55	
Y-12 Outfall 200 Construction Areas (EM-owned facilities)	5	
Y-12 Environmental Management Waste Management Area (EM-owned facilities)	75	Y-12 site usage fee does not apply to these locations.
Y-12 Landfill V Area (EM-owned facilities)	45	
701 Scarboro Road (leased from R&R Properties)	200	See information below.
90 Union Valley Road (leased from private owner)	300	See information below.
100 Union Valley Road (leased from private owner)	105	See information below.
1916-T1, T2, T3 Facility (agreement for use of DOE property)	95	See information below.
ETTP (leased facilities and EM-owned trailers)	335	Future Field Operations Center to be established that has no site usage fees, but will require public utilities.

**Acronyms:**

- EM DOE Office of Environmental Management
- ETTP East Tennessee Technology Park
- ORNL Oak Ridge National Laboratory
- Y-12 Y-12 National Security Center

The ORNL and Y-12 M&O Contractors charge an annual site usage fee for each site occupant that covers site services such as emergency services (including fire protection), site emergency preparedness, site-wide regulatory compliance, sanitary waste management services, roads and grounds, etc. Based on FY 2020 rates, a site usage fee of \$5,488 per person per year should be assumed for occupants at ORNL; a site usage fee of \$4,124 per person per year should be assumed for occupants at Y-12.

The lease with R&R Properties for office space at 701 Scarboro Road, Oak Ridge, Tennessee may be assigned from the incumbent contractor.

- 30,000 net usable square feet at \$16/square foot
- Lease may be renewed for two one-year options.

OAK RIDGE RESERVATION CLEANUP CONTRACT – DRAFT RTP

- Option 1: 8/1/2020–7/31/2021, \$480,000 annual, \$40,000 monthly, one month in arrears
- Option 2: 8/1/2021–7/31/2022, \$480,000 annual, \$40,000 monthly, one month in arrears
- All option years will increase annual lease cost by the consumer price index unless the consumer price index decreases.
- Lease includes 120 designated parking spaces and janitorial/cleaning services for up to 200 personnel. Separate negotiations for added service requirements are required if occupancy exceeds 200.

The lease with R&R Properties for additional office space at 701 Scarboro Road, Oak Ridge, Tennessee may be assigned from the incumbent contractor.

- 38,280 net usable square feet of building space
- Total Annual Rent of \$741,769, payable at \$61,814.08 monthly, one month in arrears
- Additional leased space includes 335 designated parking spaces.

The lease with R&R Properties for office space at 90 Union Valley Road, Oak Ridge, Tennessee may be assigned from the incumbent contractor.

- 48,730 net usable square feet of building space
- Lease may be renewed for two one-year options.
  - Option 1: 8/1/2020–7/31/2021, \$569,922 annually, \$47,493 monthly
  - Option 2: 8/1/2021–7/31/2022, \$569,922 annually, \$47,493 monthly
  - All option years will increase annual lease cost by the consumer price index unless the consumer price index decreases.
- Lease includes 225 designated parking spaces and janitorial/cleaning services for up to 200 personnel. Janitorial and cleaning services for 201-260 occupants are provided for an additional \$1,500/month. Separate negotiations for added service requirements are required if occupancy exceeds 260.
- R&R Properties leases an additional 125 parking spaces behind 701 Scarboro at a monthly rate of \$4,500 (\$54,000 annually).
- R&R provides an annual maintenance contract for the facility generator and uninterrupted power source for \$608.08 monthly (\$7,297 annually).

The lease with R&R Properties for office space at 100 Union Valley Road, Oak Ridge, Tennessee may be assigned from the incumbent contractor.

- 30,600 net usable square feet of building space.
- Total Annual Rent of \$596,036 payable at \$47,493.50 monthly, one month in arrears.
- Additional leased space includes 200 designated parking spaces.

The Building 1916-T1, Oak Ridge, Tennessee agreement with DOE may be assigned from the incumbent contractor.

- 2,000 square foot Property Protection Area at \$10.57 per square foot for an annual total of \$21,240.
- 1,948 square foot Limited Area at \$11.66 per square foot for an annual total of \$23,395.48.

The Building 1916-T2, Oak Ridge, Tennessee agreement with DOE may be assigned from the incumbent contractor.

- Bay 2 includes 4,418 usable square feet of office space and 8,329 usable square feet of warehouse space.
  - August 1, 2020 through October 31, 2021: no charge due to rent concessions from OREM-funded tenant improvements of the area.
  - November 1, 2021 and after: office space is \$13/square foot and warehouse space is \$10/square foot, for an annual total of \$140,724.
- The Annex includes 8,351 usable square feet of office space at \$13/square foot, for an annual total of \$108,563.
  - The Memorandum of Agreement may be extended at the same annual cost of \$108,563 through annual renewal periods until either party decides to terminate with written 90-day advance notification.
  - DOE provides maintenance, utilities, and janitorial services for occupied office space.

The Building 1916-T3, Oak Ridge, Tennessee agreement with DOE may be assigned from the incumbent contractor.

- 1,913 net usable square feet of office space and 33,185 square feet of land area contained within the fenced area providing paved and grass areas.
- \$19,130 annually, payable at \$1,595.17 monthly.
- DOE provides maintenance, utilities and janitorial services for occupied office space.

(6) PWS-specific assumptions are provided in Table Appendix A-3.

**Table A-3. PWS-Specific Assumptions**

PWS	Assumptions
C.3.1 ORNL Cleanup	<ul style="list-style-type: none"> <li>• Reeves Road will be used to transport waste from ORNL projects to the onsite CERCLA disposal facility.</li> <li>• All energized utility systems are the responsibility of the ORNL M&amp;O Contractor.                             <ul style="list-style-type: none"> <li>○ Utilities including water, electrical, gas, sewer, and communication services will be purchased from the ORNL M&amp;O Contractor.</li> <li>○ Utility service connections, isolations, and/or tie-ins necessary to support EM activities will be performed by the ORNL M&amp;O Contractor as a service to be purchased by the Contractor.</li> <li>○ Any utility modifications or relocations necessary to maintain continuity of site programmatic missions will be performed by the ORNL M&amp;O Contractor at their expense.</li> </ul> </li> </ul>
C.3.1.2.2 3038 Facility Preparation for Demolition	The characterization end state has been met for the 3038 Facility. The utility systems for the facilities/structures have been isolated and temporary power is installed and operational. The facility is ready for continuation of preparation for demolition.
C.3.1.2.3 3038 Facility Demolition	At the completion of Preparation for Demolition, the 3038 Facility will be ready for demolition.
C.3.1.3.2 Bethel Valley Isotopes Area Facilities Preparation for Demolition	The characterization end state has been met for the Isotopes Area Facilities. The utility systems for the facilities/structures have been isolated and temporary power is installed and operational. The facilities/structures are ready for continuation of preparation for demolition.

**Table A-3. PWS-Specific Assumptions**

PWS	Assumptions
C.3.1.3.3 Bethel Valley Isotopes Area Facilities Demolition	At the completion of Preparation for Demolition, the Isotopes Area Facilities will be ready for demolition.
C.3.1.5.2 Graphite Reactor Support Facilities Preparation for Demolition	The characterization end state has been met for the Graphite Reactor Support Facilities. The utility systems for the facilities/structures have been isolated and temporary power is installed and operational. The facilities/structures are ready for continuation of preparation for demolition.
C.3.1.5.3 Graphite Reactor Support Facilities Demolition	At the completion of Preparation for Demolition, the Graphite Reactor Support Facilities will be ready for demolition.
C.3.1.6.3 Bulk Shielding and Low Intensity Test Reactors Complex Demolition	The characterization and preparation for demolition end states have been met for the Bulk Shielding and Low-Intensity Test Reactor Complex, and the facilities/structures are ready for demolition.
C.3.1.7.2 Oak Ridge Research Reactor Facilities Preparation for Demolition	The characterization end state has been met for the Oak Ridge Research Reactor Facilities. The utility systems for the facilities/structures have been isolated and temporary power is installed and operational. The facilities/structures are ready for continuation of preparation for demolition.
C.3.1.7.3 Oak Ridge Research Reactor Facilities Demolition	At the completion of Preparation for Demolition, the Oak Ridge Research Reactor Facility will be ready for demolition.
C.3.1.11.2 3517 and Support Facilities Preparation for Demolition	Removal of legacy material outside the hot cells is complete. The 3517 and Support Facilities are ready for characterization and preparation for demolition.
C.3.1.11.3 3517 and Support Facilities Demolition	At the completion of Preparation for Demolition, 3517 and Support Facilities will be ready for demolition.
C.3.1.19.2 Experimental Gas-cooled Reactor Facility Preparation for Demolition	The utility systems for the facilities/structures have been isolated and temporary power is installed and operational. The Experimental Gas-cooled Reactor Facility is ready for characterization and preparation for demolition.
C.3.1.23.2 3544 Complex Preparation for Demolition	The utility systems for the facilities/structures have been isolated and temporary power is installed and operational. The facilities/structures are ready for characterization and preparation for demolition.
C.3.1.23.3 3544 Complex Demolition	At the completion of Preparation for Demolition, the 3544 Complex facilities/structures will be ready for demolition.
C.3.2 Y-12 Cleanup	<p>All energized utility systems are the responsibility of the Y-12 M&amp;O Contractor.</p> <ul style="list-style-type: none"> <li>• Utilities including water, electrical, gas, sewer, and communication services will be purchased from the Y-12 M&amp;O Contractor.</li> <li>• Utility service connections, isolations, and/or tie-ins necessary to support EM activities will be performed by the Y-12 M&amp;O Contractor as a service to be purchased by the Contractor.</li> <li>• Any utility modifications or relocations necessary to maintain continuity of site programmatic missions will be performed by the Y-12 M&amp;O Contractor at their expense.</li> </ul>

**Table A-3. PWS-Specific Assumptions**

PWS	Assumptions
C.3.2.5.2 Alpha 2 Complex Preparation for Demolition	The characterization end state has been met for the Alpha 2 (9201-2) Complex. The utility systems for the facilities/structures have been isolated and temporary power is installed and operational. Accessible hazardous materials have been removed and dispositioned. The facilities/structures are ready for continuation of preparation for demolition.
C.3.2.7.2 Beta 1 Complex Preparation for Demolition	The characterization end state has been met for the Beta 1 (9204-1) Complex. The utility systems for the facilities/structures have been isolated and temporary power is installed and operational. Accessible hazardous materials have been removed and dispositioned. The facilities/structures are ready for continuation of preparation for demolition.
C.3.2.9.2 9213 Complex Preparation for Demolition	The characterization end state has been met for the 9213 Complex. The utility systems for the facilities/structures have been isolated and temporary power is installed and operational. Accessible hazardous materials have been removed and dispositioned. The facilities/structures are ready for continuation of preparation for demolition.
C.3.2.16 Y-12 Exposure Unit 5 Environmental Media Remediation	The demolition end state including slab removal has been met for the Biology Complex, and the area is ready for environmental media remediation. Structures and slabs in EU-5 have been removed, and the soil has been characterized. A soil volume of 3,900 cubic yards is ready for environmental media remediation.
C.3.2.17.2 9401-1 Facility Preparation for Demolition	The characterization end state has been met for the 9401-1 Facility. The utility systems for the facilities/structures have been isolated and temporary power is installed and operational. Accessible hazardous materials have been removed and dispositioned. The facilities/structures are ready for continuation of preparation for demolition.
C.3.2.17.3 9401-1 Facility Demolition	At the completion of Preparation for Demolition, the 9401-1 Facility will be ready for demolition.
C.3.3 ETPP Cleanup	The removal of ancillary support facilities as remedial action work is completed.

**Table A-3. PWS-Specific Assumptions**

PWS	Assumptions
C.3.3.2.1 Zone 2 Southeast Area Exposure Units	<p>The following activities remain to be completed for the Zone 2 Southeast Area Exposure Units:</p> <ul style="list-style-type: none"> <li>• EU-25: Not included in this Task Order.</li> <li>• EU-28: No action. Environmental media remediation end state has been met for this EU.</li> <li>• EU-29: No action. Environmental media remediation end state has been met for this EU.</li> <li>• EU-30: Complete recommendations from phased construction completion report.</li> <li>• EU-31: Not included in this Task Order.</li> <li>• EU-33: Complete remedial action of assumed volumes.</li> <li>• EU-35: Complete remedial action of assumed volumes.</li> <li>• EU-36: Complete remedial action of assumed volumes.</li> <li>• EU-38: Complete characterization.</li> <li>• EU-39: Complete characterization.</li> <li>• EU-40: Not included in this Task Order.</li> <li>• EU-42: Complete characterization.</li> <li>• EU-44: No action. Environmental media remediation end state has been met for this EU.</li> </ul>
C.3.3.2.2 Zone 2 North-by-Northwest Area Exposure Units	<p>The following activities remain to be completed for the Zone 2 North-by-Northwest Area Exposure Units:</p> <ul style="list-style-type: none"> <li>• EU-13: Not included in this Task Order.</li> <li>• EU-16: Complete delineation characterization of remedial action locations (refer to <i>Zone 2 Exposure Unit Z2-16</i> briefing in Document Library).</li> <li>• EU-17: Complete placement of assumed volume of rip-rap.</li> <li>• EU-19: Not included in this Task Order.</li> </ul>
C.3.3.3.1 ETPP Proposed Plan and ROD Development	<p>The following remaining regulatory agreements for site closure are being developed:</p> <ul style="list-style-type: none"> <li>• Final Zone-1 Soil ROD.</li> <li>• Final Main Plant Groundwater ROD.</li> <li>• Final K-31/K-33 Groundwater ROD.</li> <li>• Remedial Investigation, Feasibility Study, Proposed Plan, and Final ROD for Zone-1 Groundwater.</li> <li>• Remedial Investigation, Feasibility Study, Proposed Plan, and Final ROD for Ecology/Surface Water/Sediment at ETPP.</li> </ul>

**Acronyms:**

CERCLA Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended  
 EM DOE Office of Environmental Management  
 M&O Management and Operations  
 ORNL Oak Ridge National Laboratory