

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1. CONTRACT ID CODE \_\_\_\_\_ PAGE 1 OF 1 PAGES 1

2. AMENDMENT/MODIFICATION NO. **M271** 3. EFFECTIVE DATE **See Block 16C** 4. REQUISITION/PURCHASE REQ. NO. \_\_\_\_\_ 5. PROJECT NO. (If applicable) \_\_\_\_\_

6. ISSUED BY U.S. Department of Energy  
Richland Operations Office  
825 Jadwin Avenue, MSIN A7-80  
Richland, WA 99352

7. ADMINISTERED BY (If other than Item 6) \_\_\_\_\_

8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP Code)  
Fluor Hanford, Inc.  
2420 Stevens Center  
PO Box 1000  
Richland, WA 99352

9A. AMENDMENT OF SOLICITATION NO. \_\_\_\_\_  
9B. DATED (SEE ITEM 11) \_\_\_\_\_

10A. MODIFICATION OF CONTRACT/ORDER NO. **DE-AC06-96RL13200**  
10B. DATED (SEE ITEM 13) **08/06/96**

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended.  
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:  
(a) By completing Items 8 and 15, and returning one (1) copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and data specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)  
N/A \$0.00

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

- A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.  
**X FAR 52.243-2 CHANGES--COST-REIMBURSEMENT (AUG 1987) ALTERNATE II (APR 1984)**
- B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
- C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
- D. OTHER Specify type of modification and authority)

E. IMPORTANT: Contractor  is not,  is required to sign this document and return \_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
**This modification incorporates the attached replacement Section C, Statement of Work. (SOW).  
  
The purpose of this modification is to incorporate all SOW changes since the contract extension modification A255, through May 2007.**

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) \_\_\_\_\_ 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)  
**Sally A. Sieracki, Contracting Officer**

15B. CONTRACTOR/OFFEROR \_\_\_\_\_ 15C. DATE SIGNED \_\_\_\_\_ 16B. UNITED STATES OF AMERICA  
BY **Sally A. Sieracki** 14 Aug 07  
(Signature of person authorized to sign) (Signature of Contracting Officer)

## PART I – THE SCHEDULE

### SECTION C STATEMENT OF WORK

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## C.1 Project Hanford Management Contract Overview

The Hanford Site has two major missions: (1) cleanup, and (2) science and technology. There are two major U.S. Department of Energy (DOE) Office of Environmental Management (EM) programs associated with cleanup. One is the River Protection Project (RPP), which entails cleanup of Hanford Site tank waste, and is managed by the DOE Office of River Protection (ORP). The other is Project Hanford, which entails cleanup of the remainder of the Hanford Site, and is managed by the DOE Richland Operations Office (RL). The DOE Office of Science through the Pacific Northwest Site Office (PNSO) manages the science and technology mission. This Contract pertains to the cleanup activities associated with Project Hanford. This work shall be accomplished in a manner that achieves high levels of quality; protects the environment, the safety and health of workers and the public; and complies with requirements.

DOE and the Contractor recognize that under terms of the Contract clauses entitled, *Withdrawal of Work* and *Optional Services*, DOE may exercise its rights to modify this Statement of Work. DOE and the Contractor agree to negotiate a reasonable transition period for each change to minimize the impact on existing work being performed.

The following Sections provide an overview of the activities included in the Contractor Scope of Work. Details are contained in Sections C.2 through C.5. Each Section includes a table(s) as shown below, which contains a description of the scope, requirements associated with performing the scope, deliverables and/or completion points, and Government Furnished Services or Information (GFS/I).

If no specific due date or periodic requirement is identified, deliverables/completion points shall be completed by September 30, 2008. For deliverables/completions due dates with only a month specified, the due date will be at the end of the specified month.

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Life-cycle work scope that needs to be accomplished in support of the RL Project Hanford mission. Completion of the life-cycle work scope may extend beyond the Contract Period.	Contractor's key or unique requirements for work associated with funded scope during the Contract period of performance, including acceptance criteria where available. Requirements for additional scope that may be added during the Contract period if funding is provided at the compliance level are identified as "Included at Compliance Level." Requirements associated with life-cycle work scope that extend beyond the Contract Period are identified as "Post Contract Period." Requirement source documents are identified in Section J, Appendix C.	Contractor endpoints, work scope completions, products, reports, or commitments that will be delivered prior to end of contract.	Government furnished services or information that the Contractor needs to complete assigned work scope and deliverables/completion points.

The Contractor commitments for all Contractor assigned TPA milestones shall be as specified in Section J, Appendix F, Contract Period TPA Milestone List.

The Contractor shall include in the life-cycle baseline planning for activities to perform all Post-Contract Period requirements shown in Section C, *Statement of Work*, unless directed otherwise by RL. In addition, the Contractor shall achieve progress on all of the end-states that are defined

in the life-cycle baseline consistent with the cost and schedule objectives of the life-cycle baseline. These activities include, but are not limited to, the characterization and analysis that result from field investigations, analysis and selection of technology(ies), engineering and/or technical analyses, proposed waste disposal pathways, identification of required GFS/I, schedule(s), and cost estimate(s).

### C.1.1 Hanford Site Cleanup Overview

The Hanford Site encompasses approximately 580 square miles and is divided into a number of areas. The 100 Area served as the irradiation area where fuel rods were placed in reactors and irradiated by nuclear fission reactions. The 200 Area served as the chemical-processing area where plutonium and uranium were separated from the residual activation and fission products using liquid chemical processes, and the 300 Area served as the fabrication area where uranium metal billets were fabricated into jacketed fuel rods suitable for loading into nuclear reactors. The 600 Area includes portions of the Hanford Site not included in the 100, 200, or 300 Areas and served primarily as transportation corridors and buffer zones between the fabrication, irradiation, and chemical-processing areas. Other designated areas of the Hanford Site include the 400 Area (Fast Flux Test Facility [FFTF]), 700 and 3000 Areas (RL and contractor offices in Richland, Washington), and the 1100 Area (equipment maintenance).

The cleanup activities considered part of this Contract involve the 100, 200, 300, 400 and 600 Areas and Groundwater. Key cleanup activities include:

- Remediation Definition and Analysis: Activities necessary to develop, integrate, investigate, analyze, optimize, and recommend remediation alternatives for surface cleanup, vadose zone, and groundwater decisions. Includes remediation strategies, planning, risk analyses, and integration to obtain *Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) Record of Decisions (RODs)*.
- Facility Cleanup: Activities necessary to achieve a final end-state for the facility (e.g., deactivation, decontamination, decommission, demolition, entombment or dismantlement, and site restoration), including closure of any treatment, storage and disposal (TSD) facility. Safe and secure storage of nuclear material until these materials can be transferred to another facility, sold, or dispositioned. Activities also include nuclear material stabilization.
- Waste Site Cleanup: Activities necessary to complete the remediation in accordance with requirements of the *Hanford Federal Facility Agreement and Consent Order* (commonly known as the Tri-Party Agreement or TPA), *Resource Conservation and Recovery Act of 1976 (RCRA)*, or applicable CERCLA ROD or Action Memorandum. Remediation of an operable unit or a portion of an operable unit is complete when the regulator provides a certificate of completion or a corrective measures report in compliance with the TPA Section 7.3.10 and/or 7.4.4.

- **Facility and Waste Site Surveillance & Maintenance:** Activities necessary to ensure that a site or facility remains in a physically safe and environmentally secure condition. Includes periodic inspections and monitoring of the property, appropriate contamination control actions, and required maintenance of barriers controlling access.
- **Groundwater Protection:** Activities necessary to protect the Columbia River and the near-shore environment. Includes groundwater monitoring and remediation to control the migration of plumes that threaten groundwater quality beyond the boundaries of the Central Plateau.

Section J, Appendix E provides a listing of the facilities and waste sites that will be managed in accordance with Section C, *Statement of Work*. The facilities and waste sites are summarized in six tables containing information for the facility/waste site identifier, geographic area, reference to the applicable Statement of Work section(s) that describes scope associated with the facility/waste site during the contract extension period, and remaining post-contract period scope. The six tables are:

- Table E-1: EXISTING STRUCTURES
- Table E-2: DEMOLISHED STRUCTURES WITH REMAINING SLABS/POTENTIAL HAZARD
- Table E-3: WASTE SITES
- Table E-4: WASTE SITES TO BE DISPOSITIONED THROUGH FACILITY D&D
- Table E-5: CLOSED WASTE SITES WITH POST CLOSURE ACTIVITIES
- Table E-6: GROUNDWATER OPERABLE UNITS

### **C.1.2 Waste and Spent Nuclear Fuel (SNF) Management Operations Overview**

Provide centralized facilities for the treatment, storage, and disposal of solid waste; interim safe storage for Hanford Site spent nuclear fuel (SNF); and treatment and disposal of liquid effluents in support of Hanford cleanup activities and DOE complex-wide projects. These activities include the management, operations, surveillance, monitoring, and maintenance of buildings, burial grounds, and current waste inventories. Key waste and SNF operations activities include:

- **Safe and Compliant Operations:** Activities necessary to ensure facilities, structures, operating systems and equipment, and monitoring systems are maintained within the authorization basis until the facilities are transferred for cleanup. Secondary waste streams are prepared and packaged for disposition, as required, and disposed, as appropriate. Radiological control and access control are maintained to ensure personnel safety.
- **Treatment:** Activities necessary to prepare existing waste in storage and newly generated wastes resulting from clean-up operations for disposal. This includes preparation and packaging of SNF from dry storage for disposal. Treatment is considered complete when the wastes are made disposition ready and transferred to interim storage or the appropriate disposition system.

- **Storage Pending Disposition:** Activities necessary to provide interim storage for treated wastes for which there are no national policies for disposition. The wastes will be stored until such time as a national policy is determined and then disposed in accordance with that policy. SNF and wastes for which there is a national disposal policy, but for which the disposal facility is not yet in operation, will be stored until the disposal facility is ready to accept the SNF and waste.
- **Disposition:** Activities necessary to dispose waste and SNF on-site at an approved disposal facility or to transport it to sites identified by national policy to receive the wastes and SNF. Waste and SNF is considered to be dispositioned when it is accepted at the disposal facility or receiving site.

### **C.1.3 Infrastructure and Hanford Site Services**

Maintain a viable site infrastructure to support the Hanford mission beyond FY 2008. Support the Hanford Site cleanup and science and technology missions by providing site services to all site contractors. The Contractor shall provide “ready to serve capacity” to perform the Scope in this Contract. Key activities include:

- **Analytical Services:** Activities necessary to acquire samples and accurately describe the composition or other qualities. This includes expertise in chemistry and data quality, field and sampling services, and waste and environmental sample analysis.
- **Emergency Response:** Activities necessary to respond to events, such as, fire, medical, rescue, and hazardous materials emergencies.
- **Information Resource Management:** Activities necessary to provide telecommunications, computer software, hardware, and programming support; and operate the business systems.
- **Maintenance:** Activities necessary to sustain performance and serviceability of equipment, vehicles, roads, grounds, and general-purpose facilities, including support to other contractors as identified in Section C.6.
- **Property Disposition:** Activities necessary to disposition property determined to be excess and devalued to zero (\$0).
- **Safeguards and Security:** Activities necessary to provide qualified security officers, provide special nuclear material (SNM) control and accountability, protect site assets, control access, track radioactive shipments, and provide round-the-clock threat response.
- **Utilities:** Activities necessary to provide electricity, water, sanitary sewer, and solid sanitary waste disposal.

### **C.1.4 Other Work Scope**

This Contract includes additional work scope not solely associated with site cleanup, waste and SNF management operations, or site services necessary for the successful accomplishment of the Contract. The work scope includes Environment, Safety, Health & Quality (ESH&Q) support and Emergency Management and Preparedness for Contract activities and assigned facilities, Contractor Project Management activities and products, and support provided directly to RL and request-for-service activities.

### **C.1.5 Other Prime Contractors**

The Contractor may provide services to and receive services from other prime contractors by memoranda of agreement. The Contractor is responsible for interfacing and coordinating with other Hanford Site prime contractors in the performance of its work.

### **C.1.6 Government Furnished Services or Information (GFS/I)**

The Contractor shall provide the DOE Contracting Officer quarterly projections of required GFS/I. Amendments to the projection, if any, will be provided to the DOE Contracting Officer 45 days in advance of the need date (Note: all durations in this Section refer to "calendar" days). DOE will review each Contractor quarterly or individual projection. Within 15 days of receipt, DOE will notify the Contractor whether it will accept the requested GFS/I. If DOE cannot provide GFS/I identified in this Section and Sections C.2 through C.5 of this Contract, then it will be treated as a change in accordance with the "*Change – Cost-Reimbursement*" Clause in this Contract.

A technically defensible basis for documentation shall be provided by the Contractor. DOE will be responsible for obtaining necessary regulator approvals.

#### Safety Basis Documents

DOE will review and approve safety basis documents submitted by the Contractor as required by the terms and conditions of the Contract and identified in the GFS/I column in Sections C.2 through C.5 of this Contract. DOE and the Contractor shall use a collaborative process in ensuring safety basis documents are developed in a quality manner, meeting applicable laws and DOE directives, and are reviewed and approved in a timely manner. DOE will perform a completeness and policy review of the submitted documents to determine acceptability for review. If DOE determines that the documents are not acceptable, the Contractor will be notified in writing. The review cycle will re-start upon Contractor re-submittal. DOE will review Contractor safety basis documents and either approve (with or without comments) or disapprove (with comments and basis) as follows unless otherwise specified in Sections C.2 through C.5:

- Documented Safety Analysis (DSA)/Technical Safety/Requirement (TSR) – 112 days
- Preliminary DSA – 112 days
- TSR – 56 days

- Minor safety basis change – 42 days
- Major safety basis change – 56 days
- Authorization Agreements – 30 days
- Hazard Category Downgrade – 42 days
- Annual update to DSA – 56 days
- Unreviewed safety question/justification for continued operations – 42 days
- Health and Safety Plan – 70 days
- Safety analysis reports for packaging (on-site) – 84 days.

### Removal Action Documents

The Contractor shall work directly with DOE and the appropriate regulatory agency(ies) to prepare documents to support CERCLA removal actions. For Sampling and Analysis Plans, this advanced preparation and involvement is intended to support the subsequent RL and/or regulatory agency approval within 45 days of Contractor submittal to DOE. If the DOE Remedial Project Manager determines that the documents are not acceptable, the Contractor will be notified in writing within 15 days of the submittal. The review cycle will re-start upon Contractor re-submittal.

### Engineering Evaluation/Cost Analyses (EE/CAs)

Within 14 days of draft (revision 0) EE/CA submittal, DOE will, in coordination with appropriate regulatory agencies, provide the 30-day fax notification prior to the start of public review/comment, in accordance with the Hanford Site Community Relations Plan. Within 130 days from fax notification, DOE will provide an approved action memorandum.

### Remedial Action Documents

The Contractor shall submit Decisional Draft documents to DOE for review and comment (submittal may be informal). Within 14 days of submittal, DOE will review the documents and provide comments to the Contractor for incorporation into a Draft A document (comments may be provided informally). Following an accepted Contractor submittal of the Draft A document, DOE will transmit the documents to the regulators within 14 days of receipt of the document from the Contractor. Reviews will be conducted by the regulators in accordance with TPA review schedules. The Contractor shall resolve regulatory comments and prepare a Revision 0 document, and formally submit all final remedial action documents to DOE. If a Draft B document is required to support a public review, the same time frames will apply.

The Contractor baseline will include review and comment periods for regulatory agency approval of remedial action documents in accordance with the TPA action plan, Section 9, as follow, unless otherwise agreed to by the Contractor and DOE:

- RI/FS and RFI/CMS work plans – 225 days from DOE transmittal to regulatory agency approval

- Other primary documents (e.g., Proposed Plan, Remedial Design Report) – 210 days from DOE transmittal to regulatory agency approval
- Secondary documents (e.g., Treatability Test Plans, Sampling and Data results) – 75 days from DOE transmittal to regulatory agency approval.
- Documents not specifically identified as primary documents (e.g., Sampling and Analysis Plans, Sampling and Analysis Instructions) will follow review and comment period for secondary documents.

The Contractor shall prepare and submit to DOE for review and approval for Notice of Construction (NOC) applications, as necessary, for PHMC work scope. DOE will transmit the NOC application to WDOH within 30 days of receipt of the application from the Contractor. The Contractor baseline will include a 90 review and comment period for regulatory agency approval of the NOC application.

#### Remediation Waste Disposal

DOE will direct the RCC to coordinate with the Contractor, and support disposal of remediation wastes at ERDF, including providing shipping containers, transportation, and waste unloading at ERDF.

## C.2 Project Hanford Cleanup Work Summary

### C.2.1 100 Area Cleanup Work

#### C.2.1.1 100 Area Facility Cleanup

##### C.2.1.1.1 K Basin Deactivation

###### C.2.1.1.1.1 Maintain Safe and Compliant 100 K Area Facilities

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Operate and maintain assigned 100 K Area facilities and associated waste sites, structures, operating systems and equipment, and monitoring systems within the authorization basis. Prepare and package waste streams for disposition, as required, and dispose, as appropriate. Maintain radiological control and access control to ensure personnel safety.	<p><b>This work scope shall be performed in compliance with:</b></p> <ul style="list-style-type: none"> <li>• HNF-5356, <i>K Basins Closure Project Authorization Agreement</i></li> </ul>	CD0001 Authorization Agreement for K-Basins (review annually and update as necessary)	None Identified

###### C.2.1.1.1.2 Maintain Safe & Compliant SNF Storage in K Basins

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETION	GFS/GFI
Provide safe and compliant storage of SNF at K Basins until it has been removed.	<p>For safeguards purposes, the K Basin sludge shall be managed as SNF while in the basins, but SNM accountability requirements shall not apply to sludge subsequent to sludge being containerized and safeguard requirements terminated.</p> <p><b>This work scope shall be done in compliance with:</b></p> <ul style="list-style-type: none"> <li>• CRD M 470.4-6 (Supp Rev 0), <i>Nuclear Material Control and Accountability</i></li> <li>• CRD M 470.4-1, Chg 1 (Supp 1), <i>Safeguards and Security Program Planning and Management</i></li> <li>• HNF-5356, <i>K Basins Closure Project Authorization Agreement</i></li> </ul>	None Identified	None Identified

###### C.2.1.1.1.3 Remove K Basins SNF

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Remove found fuel fragments and scrap from the K Basins.	<p>All found fuel fragments and scrap from both K East (KE) Basin and K West (KW) Basin shall be readied for packaging, processing, and shipping to the Canister Storage Building (CSB). Fuel remains stored at KW awaiting shipment to CSB.</p> <p>Transfer found fuel and scrap from KE Basin to KW Basin.</p>	CD0465 Found fuel and scrap removed from KE Basin. <b>Due:</b> May 31, 2007	None Identified

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
	<p><b>Included at Compliance Level:</b></p> <p>Ship found fuel and scrap loaded into Multi-Canister Overpacks. Conduct any required operational readiness activities to obtain startup authorization. Prepare and load found fuel/scrap into MCOs and ship to CSB.</p> <p><b>This work scope shall be performed in compliance with:</b></p> <ul style="list-style-type: none"> <li>• 61 FR 10736, March 15, 1996, Doc. 96-6291, <i>Record of Decision: Management of Spent Nuclear Fuel From the K Basins, as amended June 2005</i></li> <li>• CRD Order (O) 461.1A (Supp Rev 0), <i>Packaging and Transfer or Transportation of Materials of National Security</i></li> <li>• DOE/RL-89-10, <i>Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement)</i>, Revision 6</li> <li>• HNF-5356, <i>K Basins Closure Project Authorization Agreement</i></li> </ul>	<p>CD0466            SARP/AB changes required for packaging of different fuel types  <b>Due:</b> September 30, 2007</p>	<p>GF0123            National Spent Fuel program approval of SARP/AB</p>

C.2.1.1.1.4 Dry Fuel and Scrap

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
<p>Load MCOs with found fuel and scrap from KE and KW Basins, dry the multi-canister overpack (MCO) and fuel or scrap to remove free water, and transport the loaded MCO to the CSB.</p>	<p><b>Included at Compliance Level:</b></p> <p>Fuel and scrap removed from the K Basins shall be stabilized for on-site storage in the 200 Area.</p> <p>Water from the K Basins and Cold Vacuum Drying Facility (CVDF) shall be treated through ion-exchangers to maintain safe conditions within the basins.</p> <p>Conduct any required operational readiness activities to obtain startup authorization. Ship dry fuel and scrap from CVDF to CSB in up to three MCOs.</p> <p><b>This work scope shall be performed in compliance with:</b></p> <ul style="list-style-type: none"> <li>• CRD O 460.2, Chg 1, <i>Departmental Materials Transportation &amp; Packaging Management</i></li> </ul>	<p>CD0466            SARP/AB changes required for packaging of different fuel types  <b>Due:</b> September 30, 2007</p>	<p>GF0123            National Spent Fuel program approval of SARP/AB</p>

C.2.1.1.1.5 Remove K Basins Sludge

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
<p>Retrieve all remaining sludge from K East Basin and K West Basin. Consolidate sludge and store in appropriate containers located in K West Basin until transferred for treatment.</p>	<p>K East Basin sludge removed, as required, to allow disposal of material resulting from basin demolition as low-level waste.</p> <p>Applicable DNFSB and TPA milestones include:</p> <ul style="list-style-type: none"> <li>• DNFSB 2001-1-CN-122E, <i>If required, complete removal of filter back-flush sludge from K East North Load Out Pit by May 2007</i></li> </ul>	<p>CD0467            DNFSB 2001-1-CN-119E:            Bulk sludge containerization of K East Basin sludge completed  <b>Due:</b> October 2006</p>	None Identified
		<p>CD0468            DNFSB 2001-1-CN-120E:            Containerized sludge removed from K East  <b>Due:</b> May 2007</p>	None Identified

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
	<ul style="list-style-type: none"> <li>• Defense Nuclear Facilities Safety Board (DNFSB) 2001-1-CN-119E, <i>Complete bulk sludge containerization of K East Basin sludge by October 2006</i></li> <li>• DNFSB 2001-1-CN-120E, <i>Complete removal of containerized sludge from K East by May 2007</i></li> <li>• DNFSB 2001-1-CN-119W, <i>Complete bulk sludge containerization of K West Basin sludge by July 2007</i></li> <li>• TPA Milestone M-034-34, <i>Complete Removal of K East sludge by 31 May 2007</i></li> <li>• TPA Milestone M-034-35A, <i>Containerize K West Sludge – All K West bulk sludge is placed in containers by 31 July 2007</i></li> <li>• TPA Milestone M-034-35B, <i>Containerize K West Sludge – Complete final pass cleanup by 31 January 2008</i></li> </ul> <p><b>This work scope shall be performed in compliance with:</b></p> <ul style="list-style-type: none"> <li>• 61 FR 10736, March 15, 1996, Doc. 96-6291, <i>Record of Decision: Management of Spent Nuclear Fuel From the K Basins, as amended June 2005</i></li> <li>• CRD O 460.2, Chg 1, <i>Departmental Materials Transportation &amp; Packaging Management</i></li> <li>• DOE/RL-89-10, <i>Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement)</i>, Revision 6</li> <li>• HNF-5356, <i>K Basins Closure Project Authorization Agreement</i></li> </ul>	CD0469 DNFSB 2001-1-CN-122E: If required, complete removal of filter back-flush sludge from K East North Load Out Pit <b>Due:</b> May 2007	None Identified
		CD0470 TPA Milestone M-034-34: K East sludge removed <b>Due:</b> May 31, 2007	None Identified
		CD0471 DNFSB 2001-1-CN-119W: Bulk sludge containerization of K West Basin sludge completed <b>Due:</b> July 2007	None Identified
		CD0472 TPA Milestone M-034-35A: All K West Basin bulk sludge placed in containers. <b>Due:</b> July 31, 2007	GF0124 The bulk sludge end point criteria is approved by RL within 60 days of FH submittal
		CD0473 TPA Milestone M-034-35B: Final pass of K West Basin sludge cleanup complete. <b>Due:</b> January 31, 2008	None Identified

C.2.1.1.1.6 Disposition 105 K East Basin

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
Deactivate K East Basin and isolate from 105 K East Reactor. Remove and stabilize radioactive material inventory by encapsulating material in place as required to support risk reduction and disposal of demolished basin material as low-level waste. Remove water from basins, treat water with existing water treatment systems, and transport water to the 200 Area Effluent Treatment Facility (ETF) for final treatment and disposal. Demolish the K East Basin and superstructures, and transport to the Environmental Restoration Disposal Facility (ERDF) for disposal.	The Contractor shall complete readiness to hydrolase and initiate KE hydrolasing.  Install KE sand filter replacement system.  To the extent possible, prepare K East equipment for hazard category downgrade.  <b>Included at Compliance Level:</b>  Contingent on direction from DOE authorizing the option to extend KE Basin D&D as described in Section B.8, the following requirements apply:  After treatment through ion-exchangers, the water from K Basins shall be transported to the 200 Area ETF or other alternative location consistent with basin end-point criteria contained within HNF-20632, <i>End-Point Criteria for K Basin Interim Remedial Action</i> .  Complete grout and dewater K East Basin.  Complete immobilization of ion-exchange	CD0474 K East Basin grouted and dewatered.	None Identified
		CD0475 KE Basin downgraded to below Hazard Category 3 status.	None Identified
		CD0476 Immobilized ion exchange columns and sand filters.	None Identified
		CD0477 AB changes necessary to support removal of SRS equipment as needed to facilitate Sand Filter and IXC immobilization.	None Identified
		CD0478 K East Basin Superstructure removed.	None Identified

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
	<p>columns and sand filters.</p> <p>Complete downgrade of KE Basin to below Hazard Category 3 status.</p> <p>Complete superstructure removal</p> <p>Demolition waste material will meet the Waste Acceptance Criteria for disposal in ERDF.</p> <p><b>Post Contract Period:</b></p> <p>TPA Milestone M-034-32, <i>Complete removal of K East upper building and basin structures by 31 March 2007.</i></p> <p>K East Fuel Storage Basin removed for turnover to the River Corridor Closure Contract (Contract No. DE-AC06-05RL14655). Removal of K East Fuel Storage Basin will include removal of the sub-basin drainage collection system, and the engineered structures associated with Waste Site 100-K-69 (105 KE Sump C) and Waste Site 100-K-70 (105 KE Waste Storage Tank). Final remediation of the soil contamination of Waste Site 100-K-42 (100 Area KE Basin), 100-K-69 and Waste Site 100-K-70 is work scope to be included within the River Corridor Closure Contract.</p> <p><b>This work scope shall be performed in compliance with:</b></p> <ul style="list-style-type: none"> <li>• 61 FR 10736, March 15, 1996, Doc. 96-6291, <i>Record of Decision: Management of Spent Nuclear Fuel From the K Basins, as amended June 2005</i></li> <li>• DOE/RL-89-10, <i>Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement)</i>, Revision 6</li> <li>• HNF-5356, <i>K Basins Closure Project Authorization Agreement</i></li> </ul>		

C.2.1.1.1.7 Disposition 105 K West Basin

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
<p>Subsequent to the transfer of sludge for treatment and packaging, and transfer of all found fuel fragments/scrap, deactivate K West Basin and isolate from 105 K West Reactor. Remove and stabilize radioactive material inventory by encapsulating material in place as required to support risk reduction and perform activities to allow facility hazard classification downgrade from a nuclear facility to a radiological facility, with the exception of containerized sludge removal.</p>	<p>To the extent possible, prepare K West equipment for hazard category downgrade.</p> <p><b>Included at Compliance Level:</b></p> <p>Contingent on receiving direction and funding from DOE, the Contractor shall develop plans to separate KW basin from the 100 K Area ancillary facilities to allow independent operation. Implement plans as agreed to with DOE-RL.</p> <p><b>Post Contract Period:</b></p> <p>Complete garnet filter media disposal.</p> <p>KW Fuel Storage Basin turned over to RCC in place with basin full of water, installed equipment, debris, and residual contamination remaining (fuel and sludge</p>	<p>None Identified</p>	<p>None Identified</p>

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
	<p>removed).</p> <p><b>This work scope shall be performed in compliance with:</b></p> <ul style="list-style-type: none"> <li>• 61 FR 10736, March 15, 1996, Doc. 96-6291, <i>Record of Decision: Management of Spent Nuclear Fuel From the K Basins, as amended June 2005</i></li> <li>• DOE/RL-89-10, <i>Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement)</i>, Revision 6</li> <li>• HNF-5356, <i>K Basins Closure Project Authorization Agreement</i></li> </ul>		

C.2.1.1.1.8 Treat and Package Basin Sludge

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
<p>Design, fabricate, install and test the system to be used for transferring sludge from K West Basin to the sludge treatment system. Design, fabricate, install, and test the system to be used for treating K Basin sludge. Operate the Sludge Transfer and Sludge Treatment Systems to treat K Basin sludge. Package K Basin sludge to prepare for interim storage by others.</p>	<p>Conduct design, safety analysis, procurement and installation of components to support the treatment and packaging of K Basins sludge to meet Buyer's Waste Acceptance Criteria (BWAC) specified in the K Basins Closure Stabilization and Packaging subcontract (no. 25147).</p> <p><b>Included at Compliance Level:</b></p> <p>The end-state characteristics of treated sludge and its package shall be capable of meeting Buyer's Waste Acceptance Criteria (BWAC) specified in the K Basins Closure Stabilization and Packaging subcontract (no. 25147).</p> <p>Complete CVDF modifications required for installation of Contractors Sludge Stabilization and Packaging System (CSAPS).</p> <p>Prepare and submit Sludge Treatment DSA to DOE for approval.</p> <p>Complete installation of Sludge Retrieval and Transfer System in K West Facility and Contractors Sludge Stabilization and Packaging System (CSAPS) in CVD.</p> <p>Initiate Construction Acceptance Testing of Contractors Sludge Stabilization and Packaging System (CSAPS).</p> <p><b>Post Contract Period:</b></p> <p>Treat, package, and prepare sludge for interim storage.</p> <p>TPA Milestone M-034-30, <i>Initiate Sludge Treatment – Treat and package the first unit of sludge into a form that is certifiable for disposal by December 31, 2008</i> (Associated GFS/I – Offsite Disposal Waste Acceptance Criteria for disposal of RH-TRU at WIPP)</p> <p>DNFSB 2001-1-CN-120W, <i>Complete removal and packaging of containerized sludge by November 2009</i></p> <p>TPA Milestone M-034-31, <i>Complete Sludge</i></p>	<p>CD0479            Complete design and procurement of Contractors Sludge Stabilization and Packaging System (CSAPS).  <b>Due:</b> September 30, 2007</p>	<p>GF0125            DOE approval of FH recommendation regarding the need for additional K Area sub-surface characterization.  <b>Due:</b> October 31, 2006</p>
		<p>CD0480            Major CVDF modifications completed as necessary to begin installation of Contractors Sludge Stabilization and Packaging System (CSAPS).  <b>Due:</b> September 30, 2007</p>	<p>None Identified</p>
			<p>GF0126            Compliance funding commitment from DOE for FY 2008 for sludge treatment by February 28, 2007, or direction from DOE to re-plan sludge treatment work scope, including FY 2007 by December 31, 2006</p>

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
	<i>Treatment –Treat and package all the sludge for disposal off site by November 2009</i>		

#### C.2.1.1.1.9 Transition 100 K Area Ancillary Facilities

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
Deactivate 100K Basin ancillary facilities for transfer to the organization responsible for final disposition activities.	<p>Prepare transition plan for turnover of 100K Area Ancillary Facilities to the River Corridor Closure Contractor. This plan identifies the timing and sequencing of turnover of ancillary facilities, focusing on accelerated transfer of all K Basins facilities with the exception of the facilities required to support sludge treatment.</p> <p><b>Included at Compliance Level:</b></p> <p>Contingent on receiving direction and funding from DOE, the Contractor shall Transition 100K Area Ancillary Facilities as defined in the Transition Plan(s).</p> <p><b>Post Contract Period:</b></p> <p>The Contractor shall deactivate the 100K ancillary facilities including CVDF in accordance with the End Point Criteria agreement between the Contractor and the River Corridor Contractor.</p> <p>The Contractor shall deactivate the K Basin ancillary facilities and transfer them to the River Corridor Contractor.</p>	CD0481 Contractor transition plan for transition of 100K Area ancillary facilities to the River Corridor Closure Contractor.	None Identified

### C.2.2 Central Plateau Cleanup Work

#### C.2.2.1 Central Plateau Facility Cleanup

##### C.2.2.1.1 Central Plateau Facilities

###### C.2.2.1.1.1 Disposition Central Plateau Facilities

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
Perform the facility assessment and submit for the lead regulating agency and DOE decision. Perform transition activities (e.g., flush, isolate and blank process or sub-process systems; remove radioactive and hazardous materials and mixed wastes; deactivate non-essential systems and utilities; remove excess materials and equipment). Achieve the final end-state for the facility (e.g., entombment or dismantlement and site restoration) including closure of any TSDs. At the point where all systems and spaces at the facility	The Contractor shall develop and initiate an integrated cleanup approach for the U Plant, ancillary facilities, surrounding waste sites, and pipelines.	CD0482 Draft A, U Plant CDI RD/RA workplan to RL <b>Due:</b> December 15, 2006	None Identified
	<p>The Contractor shall develop and initiate an integrated cleanup approach for the Plutonium Uranium Extraction (PUREX) facility and other canyon facilities.</p> <p>The Contractor shall integrate canyon Remedial Investigation/Feasibility Study (RI/FS) and Remedial Decision/Remedial</p>	CD0483 Systems engineering management plan that depicts the functional hierarchy of functions and systems to meet the 221-U Facility Canyon Disposition Initiative ROD and mission needs. <b>Due:</b> December 31, 2006	None Identified

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
<p>achieve their respective end-state condition, disposition is achieved and the DOE will verify the end-state.</p>	<p>Action (RD/RA) activities with Central Plateau, and soil and water remediation activities.</p>	<p>CD0484 Ten high risk industrial facilities demolished to slab on grade <b>Due:</b> June 30, 2007</p>	<p>None Identified</p>
	<p>The Contractor shall deactivate or disposition facilities as identified by DOE.</p>	<p>CD0485 U Plant Canyon Facility Waste Acceptance Study. <b>Due:</b> June 30, 2007</p>	<p>None Identified</p>
	<p>The Contractor shall demolish to slab-on-grade ten high risk industrial facilities from the list below:</p> <ul style="list-style-type: none"> <li>• 607 Storage Shed</li> <li>• 2231E Storage Building</li> <li>• 2232E Storage Building (Ladders)</li> <li>• 2233E Storage Building</li> <li>• 2259W Pipefitters Storage</li> <li>• 2306W Gas Bottle Storage Skid Shack</li> <li>• 2307W Pipefitter Storage Skid Shack</li> <li>• 2314W Bench Stock Storage (Skid Shack)</li> <li>• 2315W Ice House (Skid Shack)</li> <li>• 252E Electrical Switching Station 13.8kV</li> <li>• 252W Electrical Switching Station – 13.8kV</li> <li>• 2701EC Guard Station for 209E</li> <li>• 2701M Office Building</li> <li>• 2704W Office Building</li> <li>• 2710E Coal Handlers Shelter</li> <li>• 2710W Coal Handlers Shelter</li> <li>• 2715M Paint Storage Building</li> <li>• 2722W Welding Laboratory Building</li> <li>• 2723W Mask Laundry and Office Building</li> <li>• 506B Telephone Storage Building</li> <li>• 622D Environmental Support Storage Building</li> <li>• 622F Environmental Support Field Office Bldg</li> <li>• 622G Atmosphere Science Annex</li> <li>• MO040 Mobile Office</li> <li>• MO405 Mobile Office</li> <li>• MO943 Mobile Office – Storage</li> <li>• MO991 Mobile Office at 200E Unsecured Core Area</li> </ul>	<p>CD0486 U Plant Accelerated Closure Engineering Studies:  <ul style="list-style-type: none"> <li>• U Plant Void Fill Analysis and Installation Plan</li> <li>• Railroad Tunnel Reactivation Study</li> <li>• Systems (HVAC, Crane, Electrical) Reactivation Study</li> <li>• Deck Cleanup Study</li> <li>• Cell 30 Tank Contents Removal Plan</li> </ul> <b>Due:</b> June 30, 2007</p>	<p>None Identified</p>
	<p><b>Post Contract Period:</b></p>	<p>CD0487 Safety basis document defining appropriate controls to allow disposition of U Plant Cell 30 tank contents. <b>Due:</b> June 30, 2007</p>	<p>None Identified</p>
	<p>The Contractor shall disposition the assigned Central Plateau facilities in compliance with regulator and DOE decisions.</p> <p><b>This work scope shall be performed in compliance with:</b></p> <ul style="list-style-type: none"> <li>• HNF-19225, <i>U Plant Authorization Agreement</i></li> <li>• <i>Record of Decision 221-U Facility (Canyon Disposition Initiative) Hanford Site, Washington</i>; dated September 30, 2005.</li> </ul>	<p>CD0488 Project Management Plan for disposition of remaining canyon facilities outlining a path to key decision documents and records of decision with consideration for completion in 2024. <b>Due:</b> September 30, 2007</p>	<p>None Identified</p>

## C.2.2.1.2 Plutonium Finishing Plant (PFP) Cleanup

### C.2.2.1.2.1 Maintain Safe and Secure SNM

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
<p>Provide safe and compliant storage of Special Nuclear Material (SNM) at PFP until it has been removed from the PFP complex.</p>	<p>The Contractor shall meet the international safeguards agreements (including the International Atomic Energy Agency [IAEA] requirements) for nuclear materials at PFP assigned to IAEA.</p> <p>The Contractor shall support DOE and the U.S. State Department nuclear non-proliferation objectives.</p> <p>The Contractor shall support on-site IAEA visits, activities, and nuclear transactions.</p> <p>The Contractor shall perform 3013 Integrated Surveillance Program activities:</p> <ul style="list-style-type: none"> <li>• Annual non-destructive evaluation</li> <li>• Maintain and update 3013 database</li> <li>• Complete prompt gamma analysis of oxide containing material.</li> </ul> <p>The Contractor shall maintain capability for SNM stabilization and packaging to support safe storage of SNM material.</p> <p>Immediately upon SNM de-inventory and Protected Area elimination, and after limited areas are no longer required, CRD M 470.4-3, Chg. 1 (Supp 1) CRD M 470.4-2, Chg 1 (Supp 1) and CRD 5480.20A shall no longer apply to PFP.</p> <p>Immediately upon SNM de-inventory CRD O 142.2 shall no longer apply to PFP.</p> <p><b>This work scope shall be performed in compliance with:</b></p> <ul style="list-style-type: none"> <li>• HNF-9830, <i>Plutonium Finishing Plant Authorization Agreement</i></li> <li>• 10 CFR 830, <i>Nuclear Safety Management</i>, Subpart B, "Safety Basis Requirements."</li> <li>• CRD O 420.1B (Supp Rev 0), <i>Facility Safety</i>.</li> <li>• HNF-7098, <i>Criticality Safety Program</i>.</li> <li>• CRD 5480.20A, <i>Personnel Selection, Qualification, and Training Requirements for DOE Nuclear Facilities</i>.</li> <li>• CRD O 142.2, <i>Safeguards Agreement and Protocol with the International Atomic Energy Agency</i>.</li> <li>• CRD O 460.1B, <i>Packaging and Transportation Safety</i>.</li> <li>• CRD M 470.4-1, Chg 1 (Supp 1), <i>Safeguards and Security Program Planning and Management</i>.</li> <li>• CRD M 470.4-3, Chg. 1 (Supp 1), <i>Protective Force</i>.</li> <li>• CRD M 470.4-6 (Supp Rev 0), <i>Nuclear Material Control and Accountability</i></li> <li>• LA-UR-00-3245, <i>Integrated Surveillance Program (ISP) in Support of Long-Term Storage of Pu-Bearing Materials</i>.</li> </ul> <p><b>Additional requirements pertaining to stabilization and packaging:</b></p>	<p>CD0261          Nuclear Materials Management and Safeguards System (NMMSS) T-147          Project Number worksheet,          Chapter VIII review  <b>Due:</b> Annually</p>	<p>None Identified</p>

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
	<ul style="list-style-type: none"> <li>• G-ESR-G-00035, Rev. 1, dated July 26, 2000, <i>Savannah River Site Stabilization and Packaging Requirements for Plutonium Bearing Materials in Storage.</i></li> <li>• DOE-STD-3013, <i>Stabilization, Packaging and Storage of Plutonium-Bearing Materials</i></li> <li>• DOE/EIS-0244-FS-1, "SA"</li> <li>• DOE/EIS-0244-FS-2, "SA"</li> <li>• DOE/EIS-0244-FS-3, "SA"</li> <li>• DOE/EIS-0244-FS-4, "SA"</li> <li>• DOE/EIS-0244-FS-5, "SA"</li> <li>• DOE/EIS-0244-FS-6, "SA"</li> <li>• DOE/EIS-0244-FS-7, "SA"</li> <li>• DOE/EIS-0244-FS-8, "SA"</li> <li>• DOE/EIS-0244-FS-9, "SA"</li> <li>• DOE/EIS-0244F, <i>Record of Decision for Plutonium Finishing Plant Stabilization Final EIS</i>, June 1996.</li> <li>• DOE/WIPP-02-3122, Rev.6, <i>Transuranic Waste Acceptance Criteria for the Waste Isolation Pilot Plant</i></li> </ul>		

C.2.2.1.2.2 Maintain Safe and Compliant PFP

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
Operate and maintain the PFP facilities and associated waste sites, structures, operating systems and equipment, and monitoring systems within the authorization envelope. Maintain radiological control and access control to ensure personnel safety.	<p><b>Included at Compliance Level:</b></p> <p>The Contractor shall initiate design and procurement to upgrade/repair the criticality alarm and MICON systems.</p> <p><b>This work scope shall be performed in compliance with:</b></p> <ul style="list-style-type: none"> <li>• HNF-9830, <i>Plutonium Finishing Plant Authorization Agreement</i></li> <li>• HNF-7098, <i>Criticality Safety Program.</i></li> <li>• 10 CFR 830, <i>Nuclear Safety Management</i>, Subpart B, "Safety Basis Requirements."</li> <li>• CRD O 420.1B (Supp Rev 0), <i>Facility Safety.</i></li> <li>• CRD O 460.1B, <i>Packaging and Transportation Safety.</i></li> <li>• CRD M 470.4-6 (Supp Rev 0), <i>Nuclear Material Control and Accountability</i></li> <li>• CRD O 461.1A (Supp Rev 0), <i>Packaging and Transfer or Transportation of Materials of National Security Interest</i></li> <li>• CRD M 470.4-1, Chg 1 (Supp 1), <i>Safeguards and Security Program Planning and Management</i></li> </ul>	CD0020 Authorization Agreement for PFP (review annually and update as necessary)	None Identified
		CD0489 234-5Z roof repair completed Due: March 31, 2007	None Identified

C.2.2.1.2.3 Disposition SNM

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
<p>Disposition SNM packaged in compliance with DOE-STD-3013-2004 and unirradiated fuel by transporting to a DOE approved storage facility off the Hanford site.            Disposition slightly irradiated fuel by transporting to a DOE approved storage facility out of the PFP protected area.            Disposition miscellaneous nuclear materials (sources/standards) not needed to support decontamination and decommissioning (D&amp;D) of PFP or management of the SNM inventory.</p>	<p>SNM shall be packaged in certified packages for transport in accordance with applicable shipper/receiver agreements, Safety Analysis Report for Packaging (SARP), and Certificate of Compliance.</p> <p>All off-site shipments of plutonium shall be by SGT in compliance with applicable DOE, U.S. Department of Transportation and U.S. Nuclear Regulatory Commission requirements and regulations.</p> <p><b>Post Contract Period:</b></p> <p>The Contractor shall complete deinventory of PFP such that safeguards and security controls for a protected area are no longer required.</p> <p>Contingent upon additional direction from DOE/RL, the Contractor shall package and ship TBD 3013 containers to a DOE-approved storage facility off the Hanford Site during the contract period.</p> <p><u>Associated Post Contract Period GFS/I:</u></p> <p>DOE will initiate procurement of approximately 1000 additional 9975 shipping containers (at an estimated cost of \$8,602/container) within 30 days of authorization to ship with delivery in time to support required 3013 shipping schedule</p> <p>DOE will provide the necessary SGTs to support completion of 3013 de-inventory by 2011 with no more than 3 SGT convoy shipments in any one month</p> <p>DOE will provide the Contractor authorization to ship 3013 containers three months prior to start of shipments</p> <p>DOE will provide NNSA-OST Arm/Disarm training within 30 days of authorization to ship</p> <p>DOE will provide SRS approval of the pending revision to the Shipper-Receiver Agreement within 30 days of authorization to ship.</p> <p><b>This work scope shall be performed in compliance with:</b></p> <ul style="list-style-type: none"> <li>• HNF-9830, <i>Plutonium Finishing Plant Authorization Agreement</i></li> <li>• HNF-7098, <i>Criticality Safety Program.</i></li> <li>• 10 CFR 830, <i>Nuclear Safety Management, Subpart B, "Safety Basis Requirements."</i></li> <li>• CRD O 420.1B (Supp Rev 0), <i>Facility Safety.</i></li> <li>• CRD O 460.1B, <i>Packaging and Transportation Safety.</i></li> <li>• CRD O 460.2, Chg 1, <i>Departmental Materials Transportation &amp; Packaging Management.</i></li> <li>• DOE-STD-3013, <i>Stabilization, Packaging and Storage of Plutonium-Bearing</i></li> </ul>	<p>None Identified</p>	<p>GF0132            DOE will certify the Hanford Un-irradiated Fuel Package for use by February 28, 2008</p>

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
	<p><i>Materials.</i></p> <ul style="list-style-type: none"> <li>DOE/EIS-0283, <i>Record of Decision for the Surplus Plutonium Disposition Final EIS</i> (for information only)</li> </ul> <p><b>Additional requirements for disposition of materials packaged for disposal:</b></p> <ul style="list-style-type: none"> <li>Material that meets the Waste Isolation Pilot Plant (WIPP) Waste Acceptance Criteria shall be disposed as transuranic (TRU) or TRU-Mixed Waste.</li> <li>Low plutonium content material that meets Hanford Solid Waste Acceptance Criteria shall be disposed as Low Level or Low Level-Mixed Waste.</li> <li>DOE/RL-2005-14, Revision 0, <i>Removal Action Work Plan for the Plutonium Finishing Plant Above-Grade Structures: Facility Deactivation.</i> (not applicable to the vault complex)</li> <li>DOE/WIPP-02-3122, Revision 6, <i>Transuranic Waste Acceptance Criteria for the Waste Isolation Pilot Plant.</i></li> </ul>		

C.2.2.1.2.4 Disposition PFP

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I	
Disposition PFP buildings to slab-on-grade condition. Prepare and package waste streams for disposition, as required, and dispose, as appropriate.	Underground equipment and tanks (e.g., septic tanks, fuel tanks, waste tanks) and utilities (e.g., drain lines, ducts, power lines, cathodic protection, etc.) will not be remediated and will be left in place, unless specifically noted in the end point criteria document.	CD0491 Operator Certification and Professional Engineer Certification on the RCRA 241-Z Closure submitted to DOE. <b>Due:</b> March 30, 2007	None Identified	
	The Contractor shall complete the RCRA Closure Certifications for 241-Z facility.	CD0492 241-Z transitioned to demolition ready condition <b>Due:</b> June 30, 2007	None Identified	
	The Contractor shall complete dismantlement of the 241-Z facility.	CD0493 241-Z demolished to slab-on-grade <b>Due:</b> September 30, 2007	None Identified	
	The Contractor shall prepare necessary regulatory documentation to initiate transition of the 216-Z-9 Crib Complex.	CD0494 Removal Action Work Plan for the 216-Z-9 Crib Complex submitted to DOE <b>Due:</b> September 30, 2008	None Identified	
	The Contractor shall implement the necessary lay-up activities to place PFP in safe configuration until D&D resumes.	CD0495 Complete 216-Z-9 Facility Condition Characterization <b>Due:</b> September 30, 2008	None Identified	
	<b>Included at Compliance Level:</b> Complete planned FY08 performance requirements contained in the HNF-29564, Rev 0, <i>Plutonium Finishing Plant 2006 Lay-Up Plan.</i>	CD0496 Internal cleanout of 8 contaminated gloveboxes completed. <b>Due:</b> September 30, 2007	None Identified	
	<b>This work scope shall be performed in compliance with:</b>	CD0497 Limited FY08 performance requirements contained in the HNF-29564, Rev 0 <i>Plutonium Finishing Plant 2006 Lay-up Plan</i> completed. <b>Due:</b> September 30, 2008	None Identified	
	<ul style="list-style-type: none"> <li>HNF-9830, Revision 0, <i>Plutonium Finishing Plant Authorization Agreement.</i></li> <li>DOE/RL-96-82, Revision 1, <i>Hanford Facility Dangerous Waste Closure Plan, 241-Z Treatment and Storage Tanks.</i></li> <li>DOE/RL-2005-14, Revision 0, <i>Removal Action Work Plan for the Plutonium</i></li> </ul>	CD0605	None Identified	

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
	<i>Finishing Plant Above-Grade Structures: Facility Deactivation.</i> • DOE/RL-2005-15, Revision 0, <i>Removal Action Work Plan For The Plutonium Finishing Plant Above-Grade Structures: Ancillary Facility Demolition.</i> • NMS-16404, Revision 0, <i>Plutonium Finishing Plant (PFP) Complex End Point Criteria.</i> • HNF-29564, Revision 0, <i>Plutonium Finishing Plant 2006 Lay-up Plan.</i> • HNF-29561, Revision 0, <i>Plutonium Finishing Plant Chemical Hazards Assessment FY2006.</i>	Internal cleanout of up to 9 additional contaminated gloveboxes and glovebox HA-23.	
		CD0452 Disposition 241Z process tanks as LLW or, if required, configured for removal during demolition. <b>Due:</b> October 30, 2006	None Identified
		CD0453 CERCLA end point activities completed for process piping and cell penetrations in four of the five 241Z cells. <b>Due:</b> October 30, 2006	None Identified
		CD0457 241Z cells stabilized and ventilation fans turned off. <b>Due:</b> October 30, 2006	None Identified

### C.2.2.1.3 Waste Encapsulation and Storage Facility (WESF) Cleanup

#### C.2.2.1.3.1 Maintain Safe and Compliant WESF

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
Safely store the cesium and strontium capsules in the WESF pool cells. Operate and maintain the WESF facilities and associated waste sites, structures, operating systems and equipment, and monitoring systems within the authorization basis.	<b>This work scope shall be performed in compliance with:</b> • HNF-10611, <i>WESF Authorization Agreement.</i> • CRD M 470.4-1, Chg 1 (Supp 1), <i>Safeguards and Security Program Planning and Management</i>	CD0027 Authorization Agreement for WESF (review annually and update as necessary)	None Identified

#### C.2.2.1.3.2 Disposition Capsules

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
Remove cesium and strontium capsules from the WESF pool cells, and package the capsules for disposal at a national repository.	The Contractor shall provide technical support to the DOE baseline plan for dispositioning the capsules and to meet TPA Milestone M-92-05, Include Cs/Sr Treatment &/Or Repackaging Parameters In DOE RFP.	None Identified	None Identified

### C.2.2.1.4 Railcar Disposition

#### C.2.2.1.4.1 Disposition Railcars

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
Perform final disposition of the Railroad System, including railcars, once DOE declares the system excess and no longer needed to support the Hanford Site Mission.	<b>Post Contract Period:</b> The Contractor shall disposition contaminated railcars and equipment as identified by DOE.  Ownership of contaminated railcars shall be transferred from DOE or reused by DOE as documented by the title transfer (declaration	None Identified	None Identified

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
	<p>of excess and shipping documents), completed Solid Waste Information and Tracking System (SWITS) document, or other mutually agreed upon documents.</p> <p>The contaminated railcars shall be physically moved from their current location to their final disposition location, as approved by the DOE.</p> <p>The Contractor shall disposition the Railroad System and remaining railcars, once DOE declares the system excess and no longer needed to support the Hanford Site Mission.</p>		

### C.2.2.2 Central Plateau Facility and Waste Site Surveillance and Maintenance

#### C.2.2.2.1 Provide Surveillance and Maintenance on Central Plateau Facilities and Waste Sites

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
<p>Maintain assigned waste sites, facilities, structures, operating systems and equipment, and monitoring systems within the authorization basis until the facilities are dispositioned. Maintain radiological control and access control to the surplus canyon and ancillary facilities to ensure personnel safety.</p>	<p>The Contractor shall perform surveillance and maintenance on assigned buildings, structures, and waste sites.</p> <p>The Contractor shall perform activities to support air permitting and Notice of Construction (NOC) regulatory requirements, and stack down grades from major to minor status.</p> <p>The Contractor shall implement innovative use of surveillance and maintenance committed resources to execute activities in support of the overall mission, e.g.,</p> <ul style="list-style-type: none"> <li>• Facility source removal to reduce Potential to Emit (PTE), e.g., glove box removal from 209E, 212N, 231Z, and 224T, and to achieve minor stacks status.</li> <li>• Asbestos abatement</li> <li>• Canyon reactivation</li> <li>• Characterization activities</li> </ul> <p>Evaluate and utilize, as appropriate, soil cements and other soil stabilizers to stabilize erodible surface that have near-surface radionuclides.</p> <p>The Contractor shall perform activities to complete 212-N nuclear facility hazard reduction and downgrade.</p> <p><b>This work scope shall be done in compliance with:</b></p> <ul style="list-style-type: none"> <li>• HNF-11186, <i>B Plant Authorization Agreement.</i></li> <li>• HNF-11187, <i>Plutonium-Uranium Extraction Authorization Agreement.</i></li> <li>• HNF-19225, <i>U Plant Authorization Agreement.</i></li> <li>• HNF-20747, <i>Reduction and Oxidation (REDOX) Facility Authorization Agreement.</i></li> </ul>	<p>CD0034            Authorization Agreement for PUREX (review annually and update as necessary)</p>	None Identified
		<p>CD0036            Authorization Agreement for B Plant (review annually and update as necessary)</p>	None Identified
		<p>CD0353            Authorization Agreement for U Plant (review annually and update as necessary)</p>	None Identified
		<p>CD0354            Authorization Agreement for Reduction Oxidation (REDOX) facility (review annually and update as necessary)</p>	None Identified
		<p>CD0498            212-N nuclear facility hazard reduction and downgrade completed  <b>Due:</b> November 30, 2007</p>	None Identified
		<p>CD0499            231-Z nuclear facility hazard reduction completed  <b>Due:</b> September 30, 2008</p>	None Identified
		<p>CD0500            224-T nuclear facility hazard reduction completed  <b>Due:</b> September 30, 2008</p>	None Identified

## C.2.3 400 Area Cleanup Work

### C.2.3.1 Fast Flux Test Facility (FFTF) Cleanup

#### C.2.3.1.1 Maintain Safe & Compliant FFTF Complex

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
Maintain a safe and compliant FFTF complex.	Maintain assigned facilities, structures, operating systems and equipment, and monitoring systems in compliance with applicable directives and regulatory documents until the facilities are decommissioned.	CD0044 Discharge Monitoring Report for State Waste Discharge Permit ST 4501. <b>Due:</b> Semi-Annually	None Identified
	<p>Prepare and package waste streams for disposition as required and dispose as appropriate.</p> <p>Maintain a protective blanket of inert gas to the Sodium Storage Facility and over the residual sodium remaining in plant components until sodium is dispositioned.</p> <p><b>This work scope shall be performed in compliance with:</b></p> <ul style="list-style-type: none"> <li>HNF-9612, <i>FFTF Authorization Agreement</i>.</li> </ul>	CD0045 Authorization Agreements for FFTF (review annually and update as necessary)	None Identified

#### C.2.3.1.2 Transition FFTF Complex

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
Transition the FFTF to a low cost long-term surveillance and maintenance mode.	TPA Milestone M-92-10, <i>Submit Hanford Site Sodium Disposition Evaluation Report to Ecology by July 31, 2007</i> (this milestone encompasses TPA target milestone M-081-10-T01, <i>Submit Final Sodium Disposition Evaluation Report due July 31, 2007</i> )	CD0501 Unirradiated sodium-bonded fuel pins (87) packaged and shipped from PFP to FFTF. <b>Due:</b> December 31, 2006	None Identified
	The Contractor shall transfer the unirradiated sodium bonded fuel pins (87) from PFP to FFTF.	CD0502 Mixed oxide test pins (ACO-3 and FO-2) transferred to INL. <b>Due:</b> March 31, 2007	GF0134 DOE will ensure that the INL facility is ready for receipt of the test pins by March 10, 2007.
	The Contractor shall transfer mixed oxide test pins (ACO-3 & FO-2) to the Idaho National Laboratory (INL).	CD0503 CSB/ISA authorization bases updated to receive, store and monitor the sodium-bonded fuel <b>Due:</b> As required	None Identified
	The Contractor shall excess the spare parts.	CD0504 TPA Milestone M-92-10: Hanford Site sodium disposition evaluation report <b>Due:</b> June 30, 2007	None Identified
	The Contractor shall vacate facilities (warehouses) outside the 400 Area protected area and turnover to owner.	CD0505 Spare parts excessed and facilities (warehouses) outside the 400 Property Protected Area vacated and turnover to owner. <b>Due:</b> September 26, 2008	None Identified
	The Contractor shall make preparations to receive, store, and monitor FFTF sodium bonded fuel at the CSB/ISA. These storage facilities shall meet safeguards and security requirements for the receipt of sodium-bonded fuel.	CD0506 Sodium bonded fuel transferred to INL <b>Due:</b> May 31, 2008	GF0135 DOE will ensure the INL facility is ready to initiate receipt of the sodium-bonded
	The Contractor shall complete the transfer of sodium bonded fuel to INL.		

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
	<p>The Contractor shall shut down the FFTF auxiliary systems not required to support the long term surveillance and maintenance mode.</p> <p>The Contractor shall transition FFTF to low-cost, stable, deactivated conditions (requiring minimal surveillance and maintenance) for long-term surveillance and maintenance.</p> <p>The Contractor shall complete sodium drain of the primary MHTS large sodium valves.</p> <p><b>This work scope shall be performed in compliance with:</b></p> <ul style="list-style-type: none"> <li>• DOE/EA-0993, <i>Environmental Assessment, Shutdown of the Fast Flux Test Facility, Hanford Site, Richland, Washington</i></li> <li>• DOE/RL-89-10, <i>Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement)</i>, Revision 6</li> <li>• HNF-9612, <i>Authorization Agreement for Fast Flux Test Facility</i></li> <li>• DOE/EA-1547F, <i>Environmental Assessment, Sodium Residuals Reaction/Removal and Other Deactivation Work Activities, Fast Flux Test Facility (FFTF) Project, Hanford Site, Richland, Washington</i></li> <li>• CRD O 460.2, Chg 1, <i>Departmental Materials Transportation &amp; Packaging Management</i></li> </ul>		<p>fuel by March 30, 2007 (Note – this GFS/I applies to CD0506, CD0507, and CD0508 deliverables)</p>
			<p>GF0136 DOE will ensure the T-3 Cask is available to ship the sodium-bonded fuel assemblies by August 30, 2007 (Note – this GFS/I applies to CD0506, CD0507, and CD0508 deliverables)</p>
		<p>CD0507 IEM cell and fuel handling equipment lay-up completed. <b>Due:</b> September 30, 2008</p>	<p>GF0137 DOE provide approval of the OTRS for the Disposable Solid Waste Cask <b>Due:</b> May 15, 2007</p>
		<p>CD0508 FFTF and support facilities transitioned to low cost surveillance and maintenance mode <b>Due:</b> September 30, 2008</p>	
		<p>CD0509 Sodium pools removed from primary MHTS large sodium valves <b>Due:</b> September 30, 2007</p>	None Identified.

## C.2.4 Prepare Decisional Documents

### C.2.4.1 Prepare Decisional Documents for Remediating Hanford Groundwater and Central Plateau Waste Sites

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
<p>Manage and integrate the waste site and groundwater remediation in the Central Plateau.</p> <p>Implement RI/FS process for groundwater and waste site operable units by performing remedial investigations and feasibility studies leading to RODs.</p> <p>Prepare DQOs, sampling and analysis plans, waste-management plans, and other regulatory documentation, as needed, for all groundwater and waste site operable units.</p>	<p>The Contractor shall manage the remedial investigation and decision process, and remediation of groundwater and waste site operable units consistent with regulatory requirements.</p> <p>The Contractor shall perform activities, as specified in Section J, Appendix F, to provide decision and supporting documents in accordance with approved TPA milestones relevant to assigned waste sites and groundwater.</p> <p>Complete necessary DQO efforts that define characterization needed to obtain final RODs for the Central Plateau 200 Area National Priorities List (NPL) waste sites.</p> <p>The Contractor shall work with DOE to establish a single set of conceptual models and computer codes to meet the assessment requirements for NEPA, CERCLA, RCRA, and DOE Orders.</p>	<p>CD0510 Data quality objective process and sampling plan to further characterize the technetium-99 groundwater plume near T Tank Farm <b>Due:</b> March 2007</p>	None Identified
		<p>CD0511 Feasibility Study for 300-FF-5 operable unit to provide better characterization of the uranium contamination, develop a conceptual model, validate ecological consequences and evaluate treatment alternatives. <b>Due:</b> July 31, 2008</p>	None Identified
		<p>CD0513 TPA Milestone M-15-45B: Feasibility Study and Proposed Plan for 200-PW-1, 200-PW-3 and 200-PW-6</p>	None Identified

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
	The Contractor shall validate and confirm remedial investigation data that supports the RI/FS decision process, e.g., validate accuracy, precision, limitations and applicability of High Resolution Resistivity (HRR) data.	<p>OU.  <b>Due:</b> September 30, 2007</p> <p>CD0514            Draft "A" Eco-Risk assessment for the Central Plateau  <b>Due:</b> April 30, 2008</p>	None Identified
	The existing applicable operable units are listed below. All operable units are/will be shown in Appendix C of the TPA.	<p>CD0515            M-016-14B: Draft CERCLA Proposed Plan for 100-NR-2  <b>Due:</b> August 31, 2008</p>	None Identified
	<p><b>Groundwater Operable Units:</b></p> <p>100-BC-5 100-FR-3 100-HR-3            100-KR-4 100-NR-2 200-BP-5            200-PO-1 200-PW-1 200-UP-1            200-ZP-1 300-FF-5</p>	<p>CD0516            Chromium-6 plume between H and D 100 Areas characterization completed and decisional draft of the interpretive report submitted  <b>Due:</b> September 30, 2008</p>	None Identified
	<p><b>Waste Site Operable Units:</b></p> <p>200-BC-1 200-CS-1 200-CW-1            200-CW-2 200-CW-3 200-CW-4            200-CW-5 200-IS-1 200-LW-1            200-LW-2 200-MG-1 200-MG-2            200-MW-1 200-PW-1 200-PW-2            200-PW-3 200-PW-4 200-PW-5            200-PW-6 200-SC-1 200-ST-1            200-SW-1 200-SW-2 200-TW-1            200-TW-2 200-UR-1 200-UW-1</p>	<p>CD0517            TPA Milestone M-013-06B: 200-BP-5 Groundwater Remedial Investigation (RI) Draft A Work Plan submitted  <b>Due:</b> March 31, 2007.</p> <p>CD0518            TPA Milestone M-013-10A: 200-PO-1 Groundwater Remedial Investigation (RI) Draft A Work Plan submitted  <b>Due:</b> September 30, 2007</p>	GF0138 DOE shall issue the TPA Change Request package for the M-013 series milestones.
	The Contractor shall prepare an excavation treatability test plan to support B/C Cribs and Trenches feasibility study.	<p>CD0519            TPA Milestone M-015-48B: Draft A 200-ZP-1 Feasibility Study/Proposed Plan  <b>Due:</b> September 30, 2007</p>	None Identified
	Provide internal technical review of Contractor Groundwater and Waste Site decisional documents.	<p>CD0520            Draft "A" Excavation Treatability Test plan (including SAP) for the 200 Area BC Cribs and Trenches  <b>Due:</b> May 31, 2007</p>	None Identified
	Perform RI/FS work to support completion of renegotiated TPA M-013 and M-015 series milestones consistent with provided funding.	<p>CD0521            Phase 1 of the 200 Area BC Cribs and Trenches Excavation Treatability Test Plan completed  <b>Due:</b> November 30, 2007</p>	GF0139 RL approval for concurrent FH internal draft and RL Decisional Draft reviews.
	The Contractor shall perform approved B/C Cribs and Trenches treatability test activities consistent with provided funding.	<p>CD0522            Characterization of potential contamination plume in the BC Cribs and Trenches completed to validate HRR  <b>Due:</b> September 30, 2008</p>	None Identified
	<p><b>Post Contract Period:</b></p> <p>The Contractor shall complete remediation of groundwater sites in compliance with regulator and DOE decisions.</p> <p>TPA M-015-00: Complete The RI/FS (Or RFI/CMS) Process For All Operable Units by December 31, 2011.</p> <p>TPA M-015-00C: Complete 200 Area Non-Tank Farm OU Pre-Rod Site Investigations by December 31, 2011.</p> <p>TPA M-015-17A: Submit 200-UP-1 OU combined RI/FS Report and Proposed Plan by November 30, 2010.</p> <p>TPA M-015-21A: Submit 200-BP-5 OU FS Report and Proposed Plan by October 31, 2010.</p>	<p>CD0523            Phase 2a of the 200 Area BC Cribs and Trenches Excavation Treatability Test Plan completed  <b>Due:</b> July 31, 2008</p> <p>CD0606            TPA Milestone M-013-27: Revised RI/FS Work Plan for 200-IS-1 and 200-ST-1 OUs  <b>Due:</b> June 30, 2007</p>	None Identified

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
	TPA M-015-38B: Submit 200-CW-1 OU revised FS Report and Proposed Plan by May 31, 2009.	CD0607 TPA Milestone M-013-28: Revised RI/FS Work Plan for 200-SW-1 and 200-SW-2 OUs. <b>Due:</b> September 30, 2007	None Identified
	TPA M-015-42D: Submit revised FS Report and revised Proposed Plan for 200-TW-1, and 200-PW-5 OUs by December 31, 2011.	CD0608 TPA Milestone M-013-50 RI/FS Work Plan for all supplemental characterization required for 200 Area OUs. <b>Due:</b> March 15, 2007	
	TPA M-015-42E: Submit a 200-TW-2 OU revised FS Report and revised recommended remedy(ies) by December 31, 2011.		
	TPA M-015-43D: Submit FS Report and revised recommended remedy(ies) for 200-PW-2, and 200-PW-4 OUs by December 31, 2010.		
	TPA M-015-44B: Submit 200-MW-1 OU FS Report And Proposed Plan by December 31, 2008.	CD0609 TPA Milestone M-015-40D: Revised FS Report and revised Proposed Plan for 200-CW-2, 200-CW-4, 200-CW-5, and 200-SC-1 OUs. <b>Due:</b> April 30, 2008	None Identified
	TPA Milestone M-15-46B: Feasibility Study Report and the recommended remedy for 200-LW-1 and 200-LW-2 OUs by December 31, 2011.		
	TPA M-015-49A: Submit 20-MG-1 OU FS Report and recommended remedy by December 31, 2008.	CD0610 TPA Milestone M-015-50: Treatability Test Work Plan for deep vadose zone technetium and Uranium. <b>Due:</b> December 31, 2007	None Identified
	TPA M-015-49B: Submit 20-MG-2 OU FS Report and Proposed Plan by December 31, 2008.		
	TPA M-015-51: Submit revised BC Cribs and Trenches FS Report and Proposed Plan for the new 200-BC-1 OU by April 30, 2010.		
	TPA M-020-54: Submit 241-CX Tank System Closure/Post-Closure Plan by December 31, 2008.	CD0611 Draft A RI work plan for waste site supplemental characterization. <b>Due:</b> March 15, 2007	None Identified
	TPA M-020-00B: Submit Closure/Post-Closure plans for 216-A-10, 216-A-36B, 216-A-37-1, 207-A South Retention Basin, 216-S-10 Pond, 216-S-10 Ditch, 241-CX-70, 241-CX-71, and 241-CX-72 by December 31, 2008.		

## C.2.5 Soil and Water Remediation

### C.2.5.1 Prevent Further Groundwater Degradation

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Limit and control the migration of contaminants already in the soil and groundwater by reducing natural and artificial recharge.	The Contractor shall initiate actions to eliminate sources of water infiltration contributing to migration of contaminants in the Hanford Site Vadose zone.	None Identified	None Identified

### C.2.5.2 Manage Groundwater Wells

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Manage all groundwater wells at Hanford outside the fence of the Tank Farms. Provide integration, coordination, and reporting for all Hanford groundwater wells.	Develop, maintain and execute an integrated well management process to drill, inspect, maintain, and decommission groundwater wells in support of the Hanford cleanup.	CD0524 Updated well decommissioning plan to include all wells on-site and to address DOE's comments <b>Due:</b> December 15, 2006	None Identified
	<ul style="list-style-type: none"> <li>• Maintain an integrated well drilling schedule</li> <li>• Provide well drilling services</li> <li>• Maintain and/or refurbish wells</li> <li>• Obtain well geophysical data</li> <li>• Provide well decommissioning services</li> <li>• Maintain the Hanford well database and provide coordination to the other site contactors.</li> </ul>	CD0525 New well management plan to address all wells on-site and to address the regulators concerns regarding inspections <b>Due:</b> July 31, 2007	None Identified
	Manage and execute the collection of surface and subsurface geophysical data associated with mapping, characterization, and monitoring required to support this contract.	CD0526 Calendar year (CY) 2007 groundwater wells required by TPA Milestone M-024-57M installed <b>Due:</b> December 15, 2007	None Identified
	Create geophysical well logs and maintain data.	CD0527 Minimum of 15 wells installed during FY 2008 to attain the CY 2008 TPA Milestone M-024-57P <b>Due:</b> September 30, 2008	None Identified
	<b>Included at Compliance Level:</b>		
	Perform well drilling work to support completion of renegotiated M-015 series milestones.	CD0528 All eligible wells not in use or exempted by DOE administratively decommissioned <b>Due:</b> March 31, 2008	None Identified
	Complete the well-drilling actions identified in the CERCLA Five-Year Review and RI/FS work plans.	CD0529 90 (430 cumulative) high priority wells decommissioned <b>Due:</b> July 31, 2007	None Identified
	The Contractor shall decommission an additional 100 wells.	CD0530 Updated well decommissioning plan <b>Due:</b> September 30, 2008	None Identified
<b>Post-Contract Period:</b>			
Install the CY08 groundwater wells required by TPA Milestone M-024-57P by December 31, 2008			

### C.2.5.3 Monitor and Assess Hanford Groundwater

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
<p>Manage and integrate the site-wide groundwater monitoring.</p> <p>Monitor and assess Hanford Groundwater conditions to determine impacts from waste disposal and provide for continued operations for Hanford Waste Management facilities.</p> <p>Provide hydrologic assessment including water level, well testing and data management and storage.</p>	<p>The Contractor shall provide technical planning and reporting for groundwater monitoring in support of RCRA and CERCLA compliance.</p> <p>Maintain and provide purge water truck support.</p> <p>Manage the Hanford groundwater monitoring network design.</p> <p>Prepare groundwater monitoring plans for RCRA units.</p> <p>Perform groundwater sampling, analytical analysis, data verification, data management, data evaluation, and interpretation and reporting.</p> <p>Maintain a Core library.</p> <p>Maintain Lysimeter project.</p>	<p>CD0531 Hanford Site Groundwater Monitoring Report <b>Due:</b> Annually in March</p>	None Identified
		<p>CD0532 Ninety percent of groundwater monitoring well samples completed, as identified in the FY 2007 Integrated Sampling Schedule <b>Due:</b> September 30, 2007</p>	None Identified
		<p>CD0533 Ninety percent of groundwater monitoring well samples completed, as identified in the FY 2008 Integrated Sampling Schedule <b>Due:</b> September 30, 2008</p>	None Identified
		<p>CD0534 RCRA Quarterly Reports <b>Due:</b> Quarterly</p>	None Identified

### C.2.5.4 Remediate Hanford Groundwater

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
<p>Implement groundwater remediation actions resulting from interim and final RODs and Action Memorandum.</p> <p>Integrate the River Corridor groundwater remediation with the contractor (Washington Closure Hanford) performing remediation in the 100, 300, and 400 Areas.</p> <p>Integrate the groundwater remediation with the contractor (CH2M HILL) managing the Tank Farms for the River Protection Project.</p>	<p>The Contractor shall implement groundwater remedial actions in accordance with approved RODs (e.g., pump and treat).</p> <p>Remediate soil vapor at the 200- PW-1 Operable Unit to reduce carbon tetrachloride concentration in the vadose zone.</p> <p>The Contractor shall perform a second test injection, and the results evaluated, prior to full implementation of the 100-NR-2 sequestration barrier.</p> <p><b>Included at Compliance Level:</b></p> <p>Implement the treatability study test plan for permeable reactive barrier as described in the Strontium-90 Treatability Test Plan for 100-NR-2 (DOE 2005c) by March 31, 2008.</p> <p>Complete the actions associated with groundwater identified in the CERCLA Five Year Review no later than the schedule provided in the review. Also perform necessary activities to support completion of the actions required to be completed after FY2008.</p> <p>The Contractor shall design, procure, install, and start up replacement vapor extraction system for 200-PW-1.</p> <p>The Contractor shall maintain optimum pump and treat system performance and operations for:</p> <ul style="list-style-type: none"> <li>• 100-HR-3</li> <li>• 100-NR-2</li> <li>• 100-KR-4</li> <li>• 100-KW</li> <li>• 100-D Area</li> </ul>	<p>CD0535 TPA Milestone M-16-14A: Complete construction of a 300 foot permeable reactive barrier for 100-NR-2 <b>Due:</b> May 31, 2007</p>	None Identified
		<p>CD0536 Existing remedial action decision (pump and treat) to address small chromium plume at 100-K West Reactor area implemented <b>Due:</b> March 31, 2007</p>	None Identified
		<p>CD0537 Pump size increased in 200-ZP-1 extraction wells 299-W15-45 and 299-W15-47 to raise the pumping rate to fully utilize pump and treat capacity <b>Due:</b> March 31, 2007</p>	None Identified
		<p>CD0538 Change request to modify groundwater monitoring for the 1100-EM-1 OU <b>Due:</b> April 30, 2007</p>	None Identified
		<p>CD0539 Treatment options assessed to address the technetium-99 near T Tank Farm and the technetium-99 being pulled into the 200-ZP-1 treatment system <b>Due:</b> August 31, 2007</p>	None Identified
		<p>CD0540 Three months of the 100 K West pump and treatment system operations averaging</p>	None Identified

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
	<ul style="list-style-type: none"> <li>• 200-UP-1</li> <li>• 200-ZP-1</li> </ul> <p>The Contractor shall expand the 100-KR-4 pump and treatment system to address the groundwater chromium plume and complete three months of operation, averaging an increased treatment rate of at least 200 gallons per minute by September 30, 2008.</p> <p><b>Post Contract Period:</b></p> <p>Install three additional wells to further delineate the southeastern (inland) extent of the chromium groundwater plume from the 116-K-2 trench by September 30, 2009.</p> <p>Expand the 100-K Area pump and treat system by 100 gallons per minute to enhance remediation of the chromium plume between the 116-K-2 and the 100-N Reactor perimeter fence by September 30, 2009.</p> <p>Perform additional characterization of the upper confined aquifer for chromium contamination between the 100-D and 100-H Area, in the area known as the "horn" by September 30, 2009.</p> <p>Perform additional characterization of the aquifer below the initial aquitard, at 100-H Area, to characterize the extent of the groundwater plume exceeding the drinking water standard by September 30, 2009.</p> <p><b>This work scope shall be performed in compliance with all decision documents. The following is a list of the most important decision documents.</b></p> <ul style="list-style-type: none"> <li>• 200-ZP-1, <i>Interim Action Declaration of the ROD</i></li> <li>• <i>Action Memorandum: Expedited Response Proposal for 200 West Carbon Tetrachloride Plume (200-ZP-2 Action Memorandum)</i></li> <li>• <i>Interim Action ROD for the 200-UP-1 Operable Unit</i></li> <li>• <i>Interim Action ROD for the DOE Hanford 100-HR-3 and 100-KR-4 Operable Units</i></li> <li>• <i>Interim Action ROD for the DOE Hanford 100-NR-1 and 100-NR-2 Operable Units</i></li> <li>• <i>100-HR-3 ROD Amendment</i></li> <li>• <i>200-ZP-1 RI/FS Work Plan</i></li> </ul>	<p>at least 50 gallons per minute.  <b>Due:</b> July 31, 2007</p> <p>CD0612          Second Injection Campaign at the 300 foot Sequestration Barrier Complete.  <b>Due:</b> September 30, 2007</p>	<p>None Identified</p>

C.2.5.5 Remediate Central Plateau Waste Sites

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
<p>Remediate waste sites in accordance with approved RODs. Submit a Final Remedial Action Completion Report for each waste site (or groups of waste sites) to the lead regulator and obtain certificate of completion from the lead regulator agency. Support</p>	<p>The Contractor shall initiate remedial actions for high risk waste sites in the Central Plateau in compliance with regulator and DOE decisions and as directed by DOE. The Contractor shall integrate waste site, vadose zone, and groundwater assessments,</p>	<p>CD0364          TPA Milestone M-091-40L:          Quarterly Burial Ground vent/substrate sampling results  <b>Due:</b> Quarterly</p>	<p>None Identified</p>

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
sampling and analysis activities in support of 200 Area burial ground retrieval.	analyses, and remediation activities.  Complete Sampling and Analysis activities at the Burial Grounds in accordance with the approved Sampling and Analysis Plan per M-091-40.	CD0541 241-U-361 Settling Tank Characterization and Sampling completed <b>Due:</b> March 31, 2008	None Identified
	The Contractor shall complete remediation of three waste sites (excluding backfilling, if remedial action goals have not been met for reasons other than delays in excavation, and revegetation) included in the 200-CW-3, 200 North Cooling Water Group, waste sites under the remove, treat, and dispose alternative.  <b>Post Contract Period:</b>  The Contractor shall complete remediation of the assigned waste sites in compliance with regulator and DOE decisions.	CD0542 Three 200-CW-3, 200 North Cooling Water Group, waste sites remediated under the remove, treat, and dispose alternative. <b>Due:</b> July 31, 2007	None Identified

## C.2.6 Remediation Definition and Analysis

### C.2.6.1 Optimize Central Plateau and Groundwater Remediation/Closure

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
Activities necessary to develop, integrate, investigate, analyze, optimize, and recommend remediation alternatives for surface cleanup, vadose zone, and groundwater decisions. Includes remediation strategies, planning, risk analyses, and integration to obtain CERCLA RODs.  Provide data management services for four sitewide environmental databases: Hanford Environmental Information System, Hanford Geographical Information System, Hanford Well Information System, and Waste Information Data System.  Provide coordination for subsurface science, vadose zone hydrology and ecological risk assessment data.	The Contractor shall integrate activities leading to remediation decisions and defensible basis for groundwater, vadose zone and waste sites.	CD0543 Revise the Groundwater Management Plan <b>Due:</b> March 31, 2007	None Identified
	The Contractor shall develop and maintain an integrated set of priorities driven by the need to protect groundwater and the environment.  The Contractor shall develop a Project Execution Plan that integrates waste sites, groundwater, vadose zone, and facility D&D.	CD0544 Project Execution Plan reflective of an integrated groundwater source approach <b>Due:</b> March 31, 2007	GF0141 DOE will provide written guidance on implementation of DOE response to recommendations in Conference Report 109-275 <b>Due:</b> October 31, 2006
	The Contractor shall interface with the Tank Closure and Waste Management Environmental Impact Statement (EIS) effort to ensure integration of groundwater and waste site functions and requirements.  The Contractor shall integrate the remediation of Hanford groundwater, waste site operable units and ORP waste management areas.  All activities need to be closely integrated with facility D&D activities.  The Groundwater Management Plan shall provide the integration approach and schedules leading to the remediation decisions for groundwater, soil and waste sites.  Risk Assessments for waste sites and groundwater shall be integrated.  Assist DOE in the configuration control of key groundwater, vadose zone, and waste site parameters and assumptions related to	CD0545 Central Plateau Cleanup and Configuration Control Specification document <b>Due:</b> September 30, 2007	None Identified

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
	<p>environmental remediation of the site.</p> <p>The Contractor shall work with DOE to establish a single set of conceptual models and computer codes to meet the assessment requirements for the <i>National Environmental Policy Act of 1969</i> (NEPA), CERCLA, RCRA, and DOE Orders.</p> <p>Support stakeholder involvement activities related to the project by preparing and making presentations as requested.</p> <p>The Contractor shall centralize annual and multi-year planning and coordination for work to support final CERCLA and RCRA decisions related to soil, water and waste site remediation. Work activities outside the control of the Contractor will be identified as coordination activities with the appropriate schedule requirements.</p> <p>The Contractor shall work with DOE to integrate modeling and risk assessment for the Hanford Site, consolidate all groundwater and vadose zone work; and integrate groundwater, vadose zone, and source-area cleanup decisions.</p> <p>Hold periodic planning and coordination meetings with all relevant Hanford contractors.</p> <p>Complete systems engineering, value engineering, and optimization studies, as funded in FY 2007, that evaluate tradeoffs associated with remedial action decisions, e.g.:</p> <ul style="list-style-type: none"> <li>• Risk Benefit Analyses</li> <li>• Cost Benefit Analyses</li> <li>• Barrier Effectiveness</li> <li>• Characterization optimization</li> <li>• Sensitivity Analyses</li> <li>• Void fill material / remove, treat, and dispose (RTD) optimization.</li> </ul> <p>Develop specification document that captures the functional requirements of the Hanford Cleanup Mission; includes key decision parameters and standard set of institutional controls.</p> <p>Develop a standard set of institutional controls for use on the Central Plateau; that may include, but is not limited to National Park or Tribal considerations.</p> <p>Archive and maintain control of System Assessment Capability (SAC) and CFEST modeling documentation and software.</p> <p>The contractor is to work with DOE to maintain web-based access to the Hanford Environmental Information System (HEIS) (Environmental Data Assess [EDA] web site) and combine with web based access to Map Portal.</p> <p>Coordinate surface geophysics data gathering and analysis.</p> <p>Databases and Groundwater/Vadose Zone</p>		

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
	<p>modeling shall be managed in accordance with applicable QA requirements.</p> <p><b>Included at Compliance Level:</b></p> <p>Develop proactive strategy to gain community and stakeholder understanding of remediation objectives and recommendations.</p> <p>Complete systems engineering, value engineering, and optimization studies, as funded in FY 2008, that evaluate tradeoffs associated with remedial action decisions, e.g.:</p> <ul style="list-style-type: none"> <li>• Risk Benefit Analyses</li> <li>• Cost Benefit Analyses</li> <li>• Barrier Effectiveness</li> <li>• Characterization optimization</li> <li>• Sensitivity Analyses</li> <li>• Void fill material / remove, treat, and dispose (RTD) optimization.</li> </ul> <p>[Note – This activity is fully funded at the compliance level.]</p>		

## C.3 Waste and SNF Management Operations

### C.3.1 Canister Storage Building (CSB) & 200 Area Interim Storage Area (ISA)

#### C.3.1.1 Interim Storage of Spent Nuclear Fuel (SNF)

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Manage and operate facilities for receipt and safe interim storage of SNF.	The Contractor shall receive and safely store SNF in CSB/ISA within the authorization bases and monitor and ensure safe storage of SNF until dispositioned.	CD0547 SNF Acceptance Criteria (SNFAC) for receipt of any SNF with the exception of SNF packaged in MCOs and SNF packages already stored at the CSB/ISA. <b>Due:</b> September 30, 2007	None Identified
	The Contractor shall receive, inspect, weld, and place into storage all MCOs containing K Basin Fuels (excludes final welding of the monitored MCOs).	CD0548 Reports to RL as required by memorandum, Paul Golan, EM-2, Response to the RL Requests for Continual Submittal of Quarterly Status Reports, dated April 29, 2005. <b>Due:</b> Quarterly	None Identified
	The Contractor shall perform activities required to support the preparation, packaging and transportation of the SNF to meet the Monitored Geologic Repository (MGR) acceptance requirements. This includes, but is not limited to, preparation and maintenance of documentation to support the SNF for final disposition at the MGR plus review/input of MGR licensing and associated activities.	CD0549 CSB and 200 Area ISA Authorization Agreement (review annually and update as necessary)	None Identified
	<b>This work scope shall be performed in compliance with:</b> <ul style="list-style-type: none"> <li>• CRD M 470.4-6 (Supp Rev 0), <i>Nuclear Material Control and Accountability</i></li> <li>• CRD O 460.2, Chg 1, <i>Departmental Materials Transportation &amp; Packaging Management</i></li> <li>• SNF-4894, <i>Spent Nuclear Fuel Project Acceptance Criteria for LWR Spent Fuel Storage System</i></li> <li>• WHC-SD-SNF-TI-001, <i>Hanford Spent Fuel Inventory Baseline</i></li> <li>• 61 FR 10736, March 15, 1996, Doc. 96-6291, <i>Record of Decision: Management of Spent Nuclear Fuel From the K Basins, as amended June 2005</i></li> <li>• HNF-SD-SNF-OCD-001, Rev. 6, <i>Spent Nuclear Fuel Project Product Specification</i></li> <li>• CRD M 470.4-1, Chg 1 (Supp 1), <i>Safeguards and Security Program Planning and Management</i> DOE/EA-1185, <i>Management of Hanford Site Non-Defense Production Reactor Spent Fuel</i></li> </ul>	CD0550 Strategy for shipping Los Alamos Molten Plutonium Reactor Experiment (LAMPRE) and slightly irradiated FFTF fuel out of the PFP protected area	None Identified

#### C.3.1.2 Interim Storage of Immobilized High-Level Waste (IHLW) at the CSB

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Manage and operate facilities for the receipt and safe interim storage of IHLW.  Specifically Excluded Scope: Costs associated with the design, installation, acceptance, and project management of modifications necessary for receipt of the IHLW are presently not included in the CSB	<b>Post-Contract Period:</b>  The CSB shall be modified to receive, inspect, place into interim storage, and monitor the IHLW.  The Contractor shall facilitate safe and cost effective installation of facility modifications	None Identified	None Identified

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
operational baseline. These costs are within the ORP baseline.	necessary for receipt and storage of IHLW within the authorization bases  The Contractor shall perform operational and maintenance activities required to support handling and storage of the IHLW. Monitor and ensure safe storage of the IHLW until dispositioned.		

### C.3.2 Central Waste Complex (CWC)

#### C.3.2.1 Maintain Safe & Compliant Central Waste Complex Facility Operations

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Operate and maintain the CWC.	Operate and maintain the CWC structures, operating systems and equipment, and monitoring systems in accordance with the authorization basis.  Maintain radiological control and access control to ensure personnel safety. The CWC shall remain a contamination free facility.	CD0442 Solid Waste Operations Complex Authorization Agreement (review annually and update as necessary)	None Identified

#### C.3.2.2 Receive and Store Radioactive Solid Wastes

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Store existing quantities of low-level waste, mixed low-level waste, and TRU waste, including retrieved suspect TRU waste. Receive and store newly generated waste from Hanford Site generators and from off-site generators approved by RL.	The Contractor shall operate CWC in accordance with authorization basis and all regulatory requirements. All wastes accepted at the CWC shall comply with the <i>Hanford Site Solid Waste Acceptance Criteria</i> , HNF-EP-0063, and all regulatory requirements.	None Identified	None Identified

### C.3.3 Waste Receiving and Processing Facility (WRAP)

#### C.3.3.1 Maintain Safe & Compliant WRAP Facility Operations

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Operate and maintain the WRAP structures, operating systems and equipment, and monitoring systems.	Maintain radiological control and access control to ensure personnel safety.  <b>This work scope shall be performed in compliance with:</b>  • HNF-25842, Solid Waste Operations Complex (SWOC) Authorization Agreement applicable sections for the Waste Receiving and Processing (WRAP).	None Identified	None Identified

#### C.3.3.2 Perform Waste Processing and WIPP Certification

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Verify/certify TRU and TRUM waste for shipment to WIPP. Perform Nondestructive Examination/Nondestructive Analysis (NDE/NDA) and visual inspection. As	Contact Handled TRU in drums shall be certified (and processed as needed) to meet WIPP requirements.	CD0551 268 cubic meters (2132 cubic meters cumulative) of TRU/TRUM waste certified.	None Identified

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
necessary, repackage low-level waste (LLW), MLLW, TRU, and TRU mixed waste (TRUM). Verify LLW and send to the burial grounds for disposal. Segregate MLLW and send to storage, treatment, or disposal, as appropriate.	Contact Handled TRU in standard waste boxes shall be certified (and processed as needed) to meet WIPP requirements.  <b>Included at Compliance Level:</b>  The contractor shall certify an additional 360 cubic meters of TRU waste by September 30, 2008.  TPA Milestone M-091-42: Treat CH TRUM per schedule identified in milestone.  <b>This work scope shall be performed in compliance with:</b>  DOE/WIPP-02-3122, Revision 6, <i>Transuranic Waste Acceptance Criteria for the Waste Isolation Pilot Plant</i>	<b>Due: December 31, 2006</b>	
		CD0552 Additional 268 cubic meters (2400 cubic meters cumulative) of TRU/TRUM waste certified. <b>Due: March 31, 2007</b>	None Identified
		CD0553 2848 cubic meters cumulative (as of December 30, 2002) of TRU/TRUM certified. <b>Due: September 30, 2008</b>	None Identified
		CD0554 80% of legacy TRU waste placed into storage prior to January 2003 at the Solid Waste Operations Complex is certified. <b>Due: September 30, 2008</b>	None Identified

### C.3.3.3 Disposition Transuranic Waste from WRAP Processing to WIPP

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Load TRU waste packages into appropriate transport containers for shipment to WIPP or to another DOE site as directed by DOE.	TRU waste that has been certified shall be shipped to WIPP contingent on availability of TRUPACT shipping containers.  TRU shipments shall be complete upon departure of the transuranic package transporter (TRUPACTs) from the Hanford Site.  TRU waste shall be transported to WIPP in containers certified by the U.S. Nuclear Regulatory Commission, as required by the <i>WIPP Land Withdrawal Act</i> .  <b>Included at Compliance Level:</b>  Deliver TRU waste containers to the Central Characterization Project for shipment to another DOE facility in accordance with the TRUPACT II Authorized Methods For Payload Control (TRAMPAC).  <b>This work scope shall be performed in compliance with:</b> <ul style="list-style-type: none"> <li>• DOE/WIPP-02-3122, Rev. 6, <i>Transuranic Waste Acceptance Criteria for the Waste Isolation Pilot Plant</i></li> <li>• TRAMPAC</li> </ul>	None Identified	None Identified

## C.3.4 T Plant

### C.3.4.1 Operate and Maintain the T Plant Facility

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Operate and maintain the T Plant structures, operating systems and equipment, and monitoring systems.	Maintain radiological control and access control to ensure personnel safety.	None Identified	None Identified

### C.3.4.2 Treat and Interim Store K Basins Sludge at T Plant

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
Provide for treatment and interim storage of K Basin North Loadout Pit sludge at T Plant. Transport stabilized and packaged K Basin sludge to T Plant and provide for interim storage.	The characteristics of K Basin sludge and package shall meet the criteria for CH-TRU as identified in the present WIPP waste acceptance criteria.  <b>Post Contract Period:</b>  Place treated and packaged sludge in storage pending shipment to the final disposal facility.	CD0556 All NLOP sludge contained in the four LDCs received at T Plant during 2005/2006 treated to WIPP WAC "certifiable" waste form and non-TRU LDCs disposed at ERDF. <b>Due:</b> December 31, 2006	None Identified

### C.3.4.3 T Plant Upgrades to Support TPA M-91 Milestones

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
Perform upgrades to T Plant.	Prepare alternative studies and pre-conceptual design analysis on M-91 Facility.  <b>Included at Compliance Level:</b>  Install processing equipment to treat, process, and repackage MLLW in large containers, TRU waste in large containers, remote-handled MLLW, and remote-handled TRU waste consistent with: <ul style="list-style-type: none"> <li>TPA Milestone M-91-15: Complete Facilities/Initiate Treatment Of RH/CH-MLLW by June 30, 2008.</li> </ul>	CD0557 TPA Milestone M-91-45: Remote handled and large size waste report <b>Due:</b> Annually	None Identified
		CD0558 TPA Milestone M-91-03D: Revised TRUM And MLLW PMP Submitted To Ecology <b>Due:</b> December 28, 2006	None Identified
		CD0559 TPA Milestone M-91-05-T01: TRU/TRUM Facility ES/FDC Submitted To Ecology <b>Due:</b> December 31, 2007	None Identified

## C.3.5 Liquid Effluent Retention Facility (LERF)

### C.3.5.1 Maintain Safe & Compliant Liquid Effluent Retention Facility Operations

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
Operate and maintain the Liquid Effluent Retention Facility (LERF) structures, operating systems, equipment, and monitoring systems.		None Identified	None Identified

### C.3.5.2 Store Liquid Effluents in the LERF

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
Collect and store liquid effluents in the LERF for subsequent treatment in the ETF.	Store liquid wastes in the LERF as required to support site operations.	None Identified	None Identified

### C.3.6 200 Area Effluent Treatment Facility (ETF)

#### C.3.6.1 Maintain Safe & Compliant 200 Area Effluent Treatment Facility Operations

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Operate and maintain the 200 Area ETF structures, operating systems, equipment, and monitoring systems in compliance with applicable directives and regulatory documents.	Treat liquid effluents in the ETF to meet State discharge permit (ST 4500) requirements.	CD0421 Tritium treatment technology status letter report <b>Due:</b> Annually	None Identified
	Perform facility upgrades as required to support treatment of future waste streams.  Perform grouting capability upgrades.  Operate in accordance with the Auditable Safety Analysis.  <b>Post Contract Period:</b>  The Contractor shall prepare for submittal to the U.S. Environmental Protection Agency and the Washington Department of Ecology an evaluation of the development status of tritium treatment technology that would be pertinent to the cleanup and management of tritiated wastewater. Due every 5 years per EPA milestone M-26-07 (Next one due March 2009)	CD0560 ST 4500 Discharge Monitoring Reports for the 200 Area Effluent Treatment Facilities. <b>Due:</b> Quarterly	None Identified

#### C.3.6.2 Treat Liquid Effluents in the ETF

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Treat liquid effluents in the ETF to meet State discharge permit requirements.	The Contractor shall operate the ETF to support site needs including but not limited to pump and treat operations (as required), ERDF leachate treatment, purgewater, and K Basin dewatering.  Store and dispose of secondary waste generated during liquid effluent treatment.	CD0561 6 processing campaigns to treat Basin 44 inventory (as of September 30, 2006) completed. <b>Due:</b> September 30, 2008	None Identified

#### C.3.6.3 Dispose of Liquid Effluents Treated by the ETF

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Dispose liquid effluents treated by the ETF that meet discharge requirements to the 200 West Area State Authorized Liquid Discharge System (SALDS).	Constituents not identified in the permit are subject to the limits in WAC 173-200, Water Quality Standards for Ground Waters of the State of Washington, and 4 percent of the derived concentration guide values in DOE Order 5400.5, <i>Radiation Protection of the Public and Environment</i> , as applicable.	None Identified	None Identified

### C.3.7 200 Area Treated Effluent Disposal Facility (TEDF)

#### C.3.7.1 Maintain Safe & Compliant 200 Area TEDF Operations

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Operate and maintain the 200 Area TEDF structures, operating systems and equipment, and monitoring systems in compliance with applicable directives and regulatory		CD0562 ST 4502 Discharge Monitoring Reports for the 200 Area Effluent Treatment	None Identified

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
documents.		Disposal Facilities <b>Due:</b> Quarterly	

### C.3.7.2 Receive Liquid Effluents in the 200 Area TEDF

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
Collect and dispose liquid effluents that meet discharge requirements for the 200 Area State Approved Land Disposal Site, from generators in the 200 Areas.	The 200 TEDF shall be operated to meet 200 Area radiological industrial wastewater disposal needs.	None Identified	None Identified

## C.3.8 300 Area Treated Effluent Disposal Facility (TEDF)

### C.3.8.1 Maintain Safe & Compliant 300 Area TEDF Operations

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
Operate and maintain the 300 Area TEDF, structures, operating systems and equipment, and monitoring systems in compliance with applicable directives and regulatory documents.	The 310 TEDF shall be maintained as a non-radiological facility.  Store and dispose of secondary waste generated during liquid effluent treatment.	CD0108 Department of Natural Resources Land Lease Monitoring Report <b>Due:</b> Monthly	None Identified

### C.3.8.2 Treat and Dispose Liquid Effluents in the 300 Area TEDF

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
Treat liquid effluents in the 300 Area TEDF.	Liquid effluent from the 300 Area shall be collected, and treated in the 300 Area TEDF in accordance with the National Pollution Discharge Elimination System (NPDES) permit.  Treated waste water will be discharged to the Columbia River.	None Identified	None Identified

## C.3.9 Low-Level Waste Burial Grounds (LLBG)

### C.3.9.1 Maintain Safe & Compliant LLW Burial Ground Operations

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
Operate and maintain the LLW Burial Grounds within the Solid Waste Operations Complex Authorization Agreement.	Post 1970 suspect TRU waste containers in the LLBG shall be managed in retrievable storage in the LLBG.  <b>This work scope shall be performed in compliance with:</b>  • <i>Solid Waste Operations Complex Master Documented Safety Analysis (MDSA)</i> (latest revision).	None Identified	None Identified

C.3.9.2 Remove RINM from LLBG

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Procure, install, and operate systems and equipment to retrieve Reactor Irradiated Nuclear Material (RINM) from the LLBG.	Containers of suspect RINM shall be retrieved from the LLBG as encountered during retrieval of suspect TRU required by TPA Milestone M-91-40 and transported to the 200 Area Interim Fuel Storage Area.	CD0563 13 drums containing OSU TRIGA spent fuel loaded into Rad Vaults at the 200 Area ISA <b>Due:</b> December 31, 2006	None Identified

C.3.9.3 Retrieve Suspect TRU from LLBG

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Retrieve post-1970 suspect TRU containers and post 1970 transuranic containers from the LLBG.	<p>Retrieval of waste defined as retrievably stored waste (RSW) by the TPA M-91 series milestones shall be retrieved as specified in the TPA M-91-40D and M-91-40E milestones: (M-91-40D 4700 cubic meters cumulative by December 31, 2006 and M-91-40E 7200 cubic meters cumulative by December 31, 2007).</p> <p><b>Post Contract Period:</b></p> <p>M-91-40F 9700 cubic meters cumulative by December 31, 2008</p> <p>Any disposed or non-RSW post 1970 transuranic or suspect transuranic waste identified in the LLBG shall be addressed in accordance with the decisions made through the SW-2 RI-FS process. Stored post-1970 TRU, such as, Remote Handled-TRU in 218-W-3AE shall be removed from LLBG storage and sent to WIPP.</p>	CD0564 380 cubic meters (4580 cubic meters cumulative) of suspect TRU retrieved <b>Due:</b> December 31, 2006	None Identified
		CD0565 Additional 380 cubic meters (4960 cubic meters cumulative) of suspect TRU retrieved <b>Due:</b> March 31, 2007	None Identified
		CD0566 4125 cubic meters (9085 cubic meters cumulative) of suspect TRU retrieved <b>Due:</b> September 30, 2008.	None Identified
		CD0567 RSW volumes retrieved as specified in TPA milestone M-091-40D and M-091-40E.	None Identified
		CD0568 M-091-40R: Complete retrieval of Trench 4. <b>Due:</b> December 31, 2006	None Identified
		CD0569 Weather enclosure installed at the 218-E-12B burial ground. <b>Due:</b> December 31, 2006	None Identified
		CD0570 TRU retrieval in a second burial ground initiated. <b>Due:</b> December 31, 2006	None Identified
		CD0571 M-091-40E: 7,200 cubic meters cumulative total of suspect TRU retrieved. <b>Due:</b> December 31, 2007	None Identified

C.3.10 Mixed Waste Disposal Trenches (MWDT)

C.3.10.1 Maintain Safe & Compliant Mixed Waste Disposal Trench Operations

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Operate and maintain the mixed waste disposal trenches.	<p>All mixed low-level waste shall be disposed within one year of treatment.</p> <p>Disposal of Greater than Category 3 Low-Level Waste shall be evaluated on a case-by-case basis.</p>	None Identified	None Identified

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
	<p>This work scope shall be performed in compliance with:</p> <ul style="list-style-type: none"> <li>61 FR 41956, August 9, 1996, Doc. 96-20237, <i>Record of Decision for the Disposal of Decommissioned, Defueled Cruiser, Ohio Class, and Los Angeles Class Naval Reactor Plants</i></li> </ul>		

### C.3.11 Mixed Low-Level Waste Treatment

#### C.3.11.1 Treat Mixed Low-Level Waste

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
Perform treatment LLW/MLLW as required to meet treatment and disposal facility requirements.	<p>The Contractor shall treat mixed low-level waste quantities to support TPA milestones as follows:</p> <ul style="list-style-type: none"> <li>TPA Milestone M-91-42C: Treat 4890 cubic meters of CH-MLLW (cumulative) by December 31, 2006.</li> <li>TPA Milestone M-91-12: Complete 600 cubic meters (cumulative) of thermally treated MLLW by November 16, 2007.</li> </ul> <p>MLLW received after September 30, 2006, shall be characterized in the timeframe that would be required to meet 40 CFR 268.50 storage prohibition requirements.</p> <p>The Contractor shall initiate processing of large container waste in compliance with TPA milestone M-091-43 requirements.</p> <p>The Contractor shall treat 6,390 cubic meters (cumulative) of MLLW by December 31, 2007 towards compliance with TPA Milestone M-091-42D (treat 6,520 cubic meters cumulative by 12/31/2007).</p> <p><b>Included at Compliance Level</b></p> <p>The Contractor shall treat MLLW quantities in compliance with TPA milestone M-091-42D and M-091-42E (treat 8150 cubic meters cumulative by 12/31/2008).</p> <p>The Contractor shall dispose of LLW and MLLW such that the total volume of waste in storage in the Solid Waste Operations Complex (excluding RSW in the LLBGs) decreases annually.</p> <p><b>Post Contract Period:</b></p> <p>Non-regulated LLW, stored in the CWC, that does not meet the Hanford Site Solid Waste Acceptance Criteria for disposal, shall be treated as capability becomes available.</p> <p>TPA Milestone M-091-42E: Treat 8150 cubic meters by December 31, 2008.</p>	<p>CD0613            TPA Milestone M-26-01: Annual Hanford Land Disposal Restrictions Summary Report  <b>Due:</b> Annually between full reports (every 5 years) by April 30th</p>	None Identified
		<p>CD0573            All MLLW in storage within the Solid Waste Operations Complex received prior to September 30, 2006, shall be characterized and designated adequately for treatment with treatment facilities identified by container. If treatment capability is not available a regulatory path and schedule shall be identified to meet TPA Milestone M-91-42E-1.  <b>Due:</b> September 30, 2007</p>	None Identified
		<p>CD0574            310 cubic meters (5200 cubic meters cumulative) of MLLW treated toward TPA Milestone M-091-42  <b>Due:</b> March 31, 2007</p>	None Identified
		<p>CD0575            Additional increment of 415 cubic meters (5,615 cubic meters cumulative) of MLLW treated toward TPA Milestone M-091-42  <b>Due:</b> September 30, 2008</p>	None Identified
		<p>CD0576            CH MLLW treatment demonstration using oversized containers between 10 to 35 cubic meters  <b>Due:</b> June 30, 2008</p>	None Identified
		<p>CD0577            TPA Milestone M-91-12: 600 cubic meters (cumulative) of thermally treated MLLW  <b>Due:</b> November 16, 2007</p>	None Identified
		<p>CD0614            Additional increment of 75 cubic meters (5,690 cubic meters cumulative) of MLLW</p>	None Identified

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
		treated toward TPA Milestone M-091-42 <b>Due:</b> December 31, 2007	
		CD0615 Additional increment of 700 cubic meters (6,390 cubic meters cumulative) of MLLW treated toward TPA Milestone M091-42 <b>Due:</b> December 31, 2007	None Identified

## C.4 Infrastructure and Services

### C.4.1 Infrastructure Key Areas Beyond FY 2008

#### C.4.1.1 Infrastructure Key Areas Beyond FY 2008

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
<p>The Contractor shall identify facilities, equipment, and systems currently evaluated by Condition Assessment Survey (CAS) and valued at greater than \$50,000 required for cleanup in 2012, and keep those assigned to the Contractor in a minimally acceptable condition at the end of fiscal year FY 2008. Consistent with provided funding (FH Obligations Notice), the Contractor shall institute a condition-based maintenance, major repair, and replacement program to achieve the minimum acceptable condition through FY 2008. The scope is generally the facilities, equipment, and systems for the following key areas:</p> <ul style="list-style-type: none"> <li>• Utilities           <ul style="list-style-type: none"> <li>- Electrical</li> <li>- Water</li> <li>- Sewer and Septic</li> </ul> </li> <li>• Roads and Grounds           <ul style="list-style-type: none"> <li>- Roads</li> <li>- Grounds</li> </ul> </li> <li>• Major Equipment           <ul style="list-style-type: none"> <li>- Cranes</li> <li>- Heavy Equipment</li> </ul> </li> </ul> <p>The Contractor shall determine the current assigned Contractor assets valued at greater than \$50,000 not needed to support cleanup in 2012 and decommission/abandon them and determine which assets can be removed from service as cleanup events are accomplished to reduce the active infrastructure and related costs. The Contractor shall institute a maintenance program that allows "run to failure" without compromising safety, health, environmental compliance, and cleanup milestones. However, if the "run to failure" creates a situation where a penalty under the Conditional Payment of Fee and Profit clause (CPOF) could be a result, strong consideration in review of FH's mitigation</p>	<p>The Contractor shall develop and maintain a list of Contractor-assigned assets valued at greater than \$50,000 required in 2012 to support cleanup.</p> <p>The Contractor shall use a Contractor-wide rating system to annually assess the condition of 25% of the facilities and personal property assets. This system shall contain these categories:</p> <ul style="list-style-type: none"> <li>• Excellent (1) – New or lightly used that can be used without repairs,</li> <li>• Usable (4) – Shows some wear, but can be used with normal maintenance,</li> <li>• Minor Repairs (5) – Facilities/Systems: Up to 25% of replacement value, Equipment: Up to 10% of replacement value. These repairs will normally be accomplished routinely,</li> <li>• Major Repairs (7) – Facilities/Systems: 26-60% of replacement value, Equipment: 11-40% of replacement value,</li> <li>• Replace (X) – Required for cleanup, but repair or rehabilitation is impractical and/or uneconomical, requiring replacement, and</li> <li>• Disposition (D) – Not required for cleanup.</li> </ul> <p><b>Included at Compliance Level:</b></p> <p>The Contractor shall use an evaluation system based on the CAS approach to determine asset condition, needed major repairs or replacement, and for follow-on assessments to determine change in condition. The CAS approach focused on assets needed for cleanup in 2012 and the definitions above shall be used to provide periodic evaluations of the condition of facilities, equipment, and systems. The following shall be used as criteria for the minimum acceptable asset condition for those assets at the end of FY 2008:</p> <p>(A) Meets intended purposes, including safety, health, environmental</p>	<p>CD0095 Infrastructure Ratings for Key Areas <b>Due:</b> Semi-Annually</p>	<p>None Identified</p>

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
will be given.	<p>compliance, and mission needs.</p> <p>(B) A majority of elements with evaluation ratings in Category (1) – Excellent, Category (4) – Usable, and Category (5) – Minor Repairs.</p> <p>(C) For elements rated Category (7) – Major Repairs and Category (X) – Replace, a planned repair/replacement cycle to meet intended purposes, over multiple fiscal years.</p> <p>(D) For elements rated Category (D) – Disposition, not required for cleanup.</p>		

### C.4.2 Infrastructure Services

The Contractor shall provide the following services that may be used by all site contractors. Services used by others will be in accordance with documented agreements containing provisions requiring 90-day notice of any change in the amount of services required of, or that can be provided by, the Contractor.

The Contractor shall provide the requisite managerial ability and technical expertise to provide infrastructure services that support the site mission requirements.

#### C.4.2.1 Analytical Services

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
<p>Provide a full range of organic, inorganic, and radiochemical analytical capabilities. Support site programs and projects at the Waste Sampling and Characterization Facility (WSCF) with the analysis of process control accredited environmental and accredited industrial hygiene, environmental, and industrial hygiene samples with low radioactivity levels. Operate and maintain the WSCF in compliance with applicable directives and regulatory documents.</p>	<p>The Contractor shall maintain laboratory accreditation for the WSCF Laboratory.</p> <p>The Contractor shall provide a full range of organic, inorganic, and low level radiochemical analytical capabilities.</p> <p><b>Included at Compliance Level:</b></p> <p>The Contractor shall establish a Hanford Analytical Services Quality Assurance Requirements Document (HASQARD) Focus Group for the purpose of identifying, consolidating, and providing guidance on analytical and sampling quality assurance requirements for the Hanford Site through the HASQARD, DOE/RL-96-68. The Contractor shall lead the HASQARD Focus Group to first ensure HASQARD is updated; and the second priority is for the HASQARD Focus Group to evaluate the Department of Energy Consolidated Audit Program (DOECAP) and determine what aspects of the DOECAP should be incorporated into the HASQARD and implement the changes to HASQARD</p> <p>The Contractor shall:</p> <ul style="list-style-type: none"> <li>• Provide a chairperson for the focus group.</li> <li>• Provide all administrative support necessary to maintain HASQARD, run the HASQARD Focus Group meetings, update and issue HASQARD focus group charter, and issue HASQARD revisions.</li> <li>• Provide analytical technical and quality assurance representation to the focus</li> </ul>	None Identified	None Identified

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
	<p>group.</p> <ul style="list-style-type: none"> <li>Request participation in the HASQARD focus group from all relevant Hanford Site Contractors and regulators.</li> </ul> <p>The HASQARD charter shall be concurred on by all Hanford Site Contractors willing to participate in the focus group and approved by the RL and ORP Analytical program managers. Any revision to HASQARD requires concurrence from all Hanford Site contractors participating in the HASQARD Focus Group and approval from RL and ORP analytical services program managers.</p>		

#### C.4.2.2 Asset Disposition (Investment Recovery Operations)

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
Provide receipt and disposition services for personal property assets no longer required in support of the Hanford Site mission. Provide processes and support services for DOE mandated donations/transfers (i.e., School Gift Program, Energy Related Laboratory Equipment Program, Economic Development, etc.)	<p>The Contractor shall provide receipt and disposition services for personal property assets no longer required in support of the Hanford Site Mission.</p> <p>The Contractor shall support asset transfers from the Site to potential customers via the Tri-Cities Asset Reinvestment Company, LLC (TARC).</p>	<p>CD0097          Utilization and Disposal of Excess &amp; Surplus Personal Property Report  <b>Due:</b> Annually</p>	None Identified

#### C.4.2.3 Badging

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
Process and account for permanent security badges and the Hanford Site temporary (self-expiring) security badge program for employees, contractors, visitors, vendors and others for access to Site contractors and facilities. Issue badges for foreign nationals and verify security clearance levels for cleared visitors from other DOE sites. Manage the DOE and Hanford Site badging system – Personnel Security Clearance Reports Plus (PSCR+).	The Contractor shall manage the DOE and Hanford Site badging system – PSCR+.	None Identified	None Identified

#### C.4.2.4 Biological Control Program

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
Provide a biological control program that is systematically integrated with environmental, safety, health and quality principles across the Contractor Projects, and with other Hanford Prime Contractors. This includes the control of noxious weeds, industrial weeds, other vegetation, and animal pests for the purposes of protecting employees, the public, and Site cultural and environmental (including biological) resources.	The Contractor shall provide a biological control program to control noxious weeds, industrial weeds, other vegetation, and animal pests.	None Identified	None Identified

#### C.4.2.5 Calibration Services

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Provide for the calibration of non-radiological measuring and test equipment (M&TE) that requires calibration to meet quality, safety or compliance requirements. Provide In-Situ calibration services. Does not include the calibration of Radio Services' instruments that are used to "tune" radio controllers, and occupational radiation instruments and repair.	The Contractor shall provide for the calibration of non-radiological M&TE.	None Identified	None Identified

#### C.4.2.6 Centralized Consolidated Recycling Center (CCRC)

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Operate and maintain the CCRC. The following materials are aggregated for recycling at CCRC: aerosol products; mercury and mercury containing equipment; universal waste lamps and batteries; crushed fluorescent lamps; lead-acid batteries; electric ballasts or capacitors; used shop towels; used oil, and spent antifreeze.  Minimize hazardous waste disposal through reuse of chemicals and/or recycling performed by off site vendors.		None Identified	None Identified

#### C.4.2.7 Classified Document Management

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Provide document control and management services for active and inactive classified material generated or received by DOE and Hanford contractors. Includes receiving classified matter, assigning control numbers, maintaining the classified document tracking system, copy distribution, record copy retention and retrieval, providing pickup and delivery service, destruction, and conducting inventories.	The Contractor shall provide document control and management services for active and inactive classified material generated or received by DOE and Hanford contractors.	None Identified	None Identified

#### C.4.2.8 Courier Services

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Provide support for priority/emergency documents and materials. Provide support to the medical aid stations in transporting serum blood samples, medical supplies and pickup and delivery of instruments being calibrated.	The Contractor shall provide pickup and delivery support for priority/emergency documents and materials.	None Identified	None Identified

#### C.4.2.9 Crane and Rigging

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Provide management, administrative, and planning and scheduling support for movable cranes and Crane and Rigging Services operations. Coordinate rental and movement of cranes ranging from 9 to 250 ton capacity.	The Contractor shall provide: <ul style="list-style-type: none"> <li>• Operations of movable cranes;</li> <li>• Critical lift planning;</li> <li>• Complex rigging, ironwork, and scaffold</li> </ul>	None Identified	None Identified

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Support preventive maintenance inspections and schedule necessary repairs. Provide technical support and guidance in the procurement of hoisting and rigging equipment. Perform critical lift planning (develop alternative and innovative methods for lifting and scaffolding tasks). Supervise crane crews, riggers (performing complex rigging, ironwork, and scaffold erection and dismantling), crane operators, and drivers (performing heavy hauling and forklift operations).	erection and dismantling; and <ul style="list-style-type: none"> <li>• Heavy hauling and forklift operations.</li> </ul>		

#### C.4.2.10 Desktop Services

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Provide a single point of contact for technical support for software and hardware via e-mail, web, or telephone. Provide dispatch for problems that cannot be resolved by help desk staff. Provide for computer maintenance, software, computer network, business machine repair, computer support, redeployment of computer hardware, integration, desk side software support, PC procurement support, PC and related peripheral maintenance, moves/adds/changes, installation of new standard and nationalized PCs and related peripherals and related services.	The Contractor shall provide technical support for PC software and hardware.	None Identified	None Identified

#### C.4.2.11 Emergency Preparedness

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Support the Occurrence Reporting process.		CD0401 Performance Analyses and Identification of Recurring Occurrences (Quarterly)	None Identified

#### C.4.2.12 Engineering Drawing Management

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Manage an engineering drawing repository and provide associated services to DOE and all Hanford contractors. Maintain the Hanford drawing accountability system, assignment of unique drawing identification numbers for new drawings, maintenance and storage services for original site drawings and drawing aperture cards for site distribution and record capture, and maintenance of custody control and drawing checkout to authorized personnel for revision.	The Contractor shall manage an engineering drawing repository and provide associated services.	None Identified	None Identified

C.4.2.13 FIMS/CAS

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
Provide administration of the Facility Information Management System (FIMS) and Condition Assessment Survey (CAS) Programs.	<p>The Contractor shall perform the established minimum requirements for compliance of the FIMS Program identified in an August 2001 DOE-HQ guidance as the 22 critically designated data fields.</p> <p>The Contractor shall perform condition assessment surveys on all real property assets in CAS at least once in any 5-year period.</p> <p>The Contractor shall maintain FIMS data throughout the life cycle of real property assets, including real property related to institutional controls.</p> <p>The Contractor shall ensure that the total capital financial data in FIMS is 95% accurate, or greater by reconciling FIMS with financial data residing in property accounting (SAMS) on a quarterly basis and documenting reconciliation in a file to be maintained by the FIMS Database Administrator.</p> <p>The Contractor shall perform an annual review of FIMS data and shall produce documentation, as directed by DOE, to support annual data validation efforts.</p>	<p>CD0107          Deferred and Actual Maintenance Cost Data  <b>Due:</b> Annually</p>	<p>GF0142          DOE must gather and provide data from other Hanford Site Contractors for input into the FIMS database 30 calendar days prior to the required deliverable date</p>

C.4.2.14 Fire Department

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
<p>Provide a full range of emergency services for DOE Assets. These services include incident management, fire suppression, fire systems testing, fire prevention, technical rescue, emergency medical service and patient transport, and hazardous materials and chemical/biological/radiological emergency response. Deal with and terminate emergency situations that could threaten the operations, employees, the general public, or interest of the DOE-operated Hanford Site. Respond to surrounding fire departments/districts under mutual aid and state mobilization agreements and fire fighting; hazardous materials. Provide site fire marshal overview authority, building tours and inspections, ignitable and reactive waste site inspections, pre-fire planning, hazardous chemical inventory updates, and employee fire prevention education.</p> <p>EXCLUSION: No liability will be accepted nor will any services be provided to the Waste Treatment and Immobilization Plant (WTP) with the exception of those services covered under either:</p> <ol style="list-style-type: none"> <li>1) an authorized RFS accepted by FH, or</li> <li>2) an FH accepted task order from Bechtel National, Inc. (BNI) or a contract release from CH2M HILL Hanford Group, Inc.</li> </ol>	<p>The Contractor shall provide emergency services including incident management, fire suppression, fire systems testing and maintenance, fire prevention, technical rescue, emergency medical service and patient transport, and hazardous materials and chemical/biological/radiological emergency response.</p> <p>The Contractor shall respond to surrounding fire departments/districts under mutual aid and state mobilization agreements.</p> <p>The Contractor shall provide Site fire marshal overview authority.</p> <p>The Contractor shall provide fire protection engineers to develop justification documents for technical equivalencies and exemption as allowed under NFPA and provide to the DOE Authority Having Jurisdiction (AHJ) for approval. As referenced in 10CFR851 Appendix A Item 2(b).</p>	<p>CD0099          Summary of Fire and Other Property Damage Experience/Report  <b>Due:</b> Annually or as required</p>	<p>GF0143          A notice or letter identifying who is (are) responsible to be the Authority Having Jurisdiction (AHJ) as defined in NFPA, and referenced in the Federal Register Volume 71, Number 27, page 6912, paragraph 2, and implemented through 10CFR851 Appendix A Item 2(b).  <b>Due:</b> January 15, 2007</p>

C.4.2.15 Fire Systems Maintenance

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
Provide corrective and preventive maintenance (includes deactivation/reactivation services) and functional tests on fire life safety protection systems, including all components of these systems, and maintain factory certification for all brands of systems.	The Contractor shall provide corrective and preventive maintenance and functional tests on fire life safety protection systems.	None Identified	None Identified

C.4.2.16 Fleet Maintenance

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
Provide management, maintenance, and repair of General Services Administration (GSA) vehicles/equipment and Fleet vehicles/equipment with property numbers beginning with the letters "HO". Provide engineering support, technical procedures, control of suspect/counterfeit fasteners, equipment modification control and facility safety (OSHA), fuel costing and invoicing, fuel delivery to areas not accessible to on-site fueling stations, and commercial equipment rental contracts.	The Contractor shall provide maintenance and repair of GSA and HO coded vehicles/equipment.  The Contractor shall provide fuel delivery services to areas not accessible to on-site fueling stations.	CD0101 Input to Federal Automotive Statistical Tool (FAST) Report <b>Due:</b> Annually by October 31st	GF0144 The FAST system must be opened for Contractor input 30 calendar days prior to the required completion date.
		CD0102 OMB Circular A-11 Input to Transportation Efficiency Management Report database <b>Due:</b> Annually by August 15th	GF0145 DOE guidance must be provided to the Contractor 30 calendar days prior to the required completion date.
		CD0578 Replacement of DOE-owned vehicles <b>Due:</b> Annually in June	None Identified
		CD0579 Replacement of GSA leased vehicles <b>Due:</b> Annually in December	GF0146 GSA must provide the Contractor with a list of vehicles eligible for replacement 30 calendar days prior to the required completion date.
		CD0580 Fleet reports in support of the Energy Policy Act. <b>Due:</b> As Requested	None Identified

C.4.2.17 Forms Management

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
Administer a forms management system and process, and design electronic forms for interactive use as well as conventional hard copy forms. Develop/design/revise electronic and hard copy forms, eliminate obsolete or duplicate forms, maintain forms historical records, and maintain a system for centralized configuration management of electronic and conventional hard copy forms.		None Identified	None Identified

C.4.2.18 Grounds Maintenance

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
Provide maintenance of common grounds and grounds directly associated with Site Occupancy Pool facilities. Includes perimeter fence maintenance, lawn and landscape care, annual inspection of facilities, management and maintenance of gravel pits, parking lot and sidewalk cleanup, washing down facilities, signage, and general area cleanup. Provide surveillance and maintenance to ensure the safety and environmental integrity of the 200, 300 and 600 Landlord Areas. Provide radiological surveillance and monitoring of the road system, 600 Area cleanup sites and within the 200 and 300 Landlord Areas; environmental inspections, monitoring and assistance; annual high and low-water riverbank inspection to ensure environmental integrity; and support to spill responses to assure environmental safety.	<p>The Contractor shall provide grounds maintenance for 712, 712B, and 760 building parking lots and lawn areas.</p> <p>The Contractor shall provide grounds maintenance for the 400 Area outside the limited area.</p> <p>The Contractor shall provide grounds maintenance for MO-404 Radio Maintenance and 2355 parking lot.</p>	None Identified	None Identified

C.4.2.19 Hanford Site Benefit Plans for Employees and Retirees

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
Provide administration for various medical, dental, disability, other insurances, pension and savings plans to the employees and retirees of several site contractors. Administer Hanford Site-wide, market-based, and legacy pension plans. Administrative costs shall be costs of each plan and those costs not allocated to the plans will be allocated to participating contractors.	The Contractor shall make no change to a pension plan, nor take any other action (such as termination, merger, spin-off) affecting a plan without approval of the Contracting Officer.	CD0581 Hanford Site Pension Plans and Savings and Investment Plans – Investment Performance Review Report <b>Due:</b> 60 days following the end of each quarter.	None Identified
	The Contractor shall maintain a sufficient number of trained and qualified personnel to perform all of the Plan functions.	CD0582 Meeting Minutes of the Quarterly Pension and Savings Committees meetings. <b>Due:</b> Quarterly following approval of the Committees Meeting Minutes.	None Identified
	The Contractor shall render all ordinary and normal administrative services and functions as designated by the committees which may be reasonably required.	CD0177 U.S. Department of Labor Form 5500 – Annual Return of Fiduciary of Employer Benefit Trust <b>Due:</b> Annually	None Identified
	The Contractor shall manage Plan assets in a prudent manner as designated by the committees. Investments yields will be benchmarked against measures appropriate to their investment class on a quarterly basis. It is expected that investment yields will meet or exceed the Investment Manager Watch List criteria included in the Hanford Site Pension Plans Savings & Investment Plans Investment Performance Review. For each quarter that an Investment Manager remains on the Watch List, the status will be reported to the Committees. Actions that may result from the Watch List shall be documented in the Committees' meeting Minutes.	CD0276 Fiscal Year 200X Contractor Pension Data for DOE Financial Statement Disclosures (FAS 87) <b>Due:</b> Annually	None Identified
	The Contractor shall establish and maintain plans as qualified pension plans under the regulations of the Internal Revenue Code.	CD0406 Multi Employer Pension Plan Actuarial Valuation Report <b>Due:</b> Annually	None Identified
	The plans and trust documents and any amendments thereto which affect changes to the plans are subject to Contracting Officer approval.	CD0171 August Update to FY 200X Contractor Post Retirement Benefits Other Than Pension (PRB) for DOE Financial Statement Disclosures (FAS 106) <b>Due:</b> Annually	None Identified
	Administrative costs not allocated to the Plans will be allocated to participating	CD0172	None Identified

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
	<p>Contractors.</p> <p>The Contractor shall provide an itemization of plan costs as requested.</p> <p>Employee forfeitures of accrued non-vested benefits shall be in accordance with the terms of the Plan and such forfeitures shall be used to reduce Contractor contributions made on behalf of remaining participating employees.</p> <p>Actuarial gains and losses developed by annual valuations shall be used for purposes of establishing contributions to the Plan as soon as reasonably possible and consistent with the requirements of the <i>Employee Retirement Income Security Act of 1974</i>, amendments thereto, and other applicable laws.</p> <p>The aggregate annual contribution to the pension fund may range from the minimum specified by the Internal Revenue Code (IRC) Section 412(b) to the amount necessary to fully fund the year-end expected current liability. However, the aggregate annual contribution to each plan shall be no less than the minimum specified by IRC Section 412(b) nor greater than the tax-deductible limit specified by IRC Section 404. All contributions to each pension plan shall equal the total amount currently attributable to participants in the plans. These contributions shall be based on the actuarial valuation as determined by the <i>Employee Retirement Income Security Act of 1974</i>, as amended for the most recent plan year.</p> <p>Any DOE-reimbursed assets awaiting transfer to a successor trustee or to DOE will be actively managed by the Contractor until the successor trustee or DOE is able to assume stewardship of those assets.</p> <p>The Contract shall request prior approval from DOE for each special program, plan loan feature, employee contribution refund, asset reversion, or incidental benefit which increase costs. Such costs are unallowable unless specifically approved by the Contracting Officer.</p> <p>Unless otherwise required by federal law or the collective bargaining process, or approved by the Contracting Officer, no amendment to any pension plan will result in allowable costs under this contract if any such amendment is adopted within 12 months of contract termination or expiration.</p>	<p>August Update to Fiscal Year 200X Contractor Pension Data for DOE Financial Statement Disclosures (FAS 87)  <b>Due:</b> Annually</p> <hr/> <p>CD0275          Fiscal Year 200X Contractor Post Retirement Benefits Other Than Pension (PRB) for DOE Financial Statement Disclosures (FAS 106)  <b>Due:</b> Annually</p>	<p>None Identified</p>

C.4.2.20 Hanford Environmental Information Databases

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
<p>Provide data management services for four environmental databases: Hanford Environmental Information System, Hanford Geographical Information System, Hanford Well Information System, and Waste</p>	<p>The Contractor shall manage the Waste Information Data System (WIDS) in accordance with Section 3.5 of the TPA Action Plan.</p>	<p>CD0583          WIDS Hanford Cleanup Verification Package (CVP) content, development and approval requirements and</p>	<p>None Identified</p>

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Information Data System.		procedures	
		CD0584 Annual TPA Waste Management Report. Due: Annually	None Identified
		CD0585 Hanford WIDS change control procedure.	None Identified

C.4.2.21 Hanford Local Area Network (HLAN) Operation, Maintenance and Integration

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Provide for the engineering, operation and maintenance of the Hanford Local Area Network (HLAN) infrastructure. Provide Network Administration, coordinate HLAN Intranet and Internet website configuration control and standards, Network Operations Center (NOC), UNIX/MS Windows SQL/WEB server administration, file server backup and recovery, E-Mail Administration and Support, Internet Support, dial-up and VPN Remote Access Services, Maintenance and Software Management, Technology Support for Hardware and Software, maintain virus protection software, electronic distribution and deployment of software applications running in the HLAN environment, and testing and evaluation of new computer and information technologies. HLAN network services include Network Management and Network Maintenance.		None Identified	None Identified

C.4.2.22 Hanford Patrol

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Provide security services to the Hanford Site (including those of the Pacific Northwest National Laboratory [PNNL], but excluding the WTP construction-site. Once construction of the WTP is complete, Hanford Patrol will provide protective force service for the WTP), and respond to alarms and other emergencies/incidents 24 hours a day, seven days a week. Provide qualified Security Police Officers for protection of Site targets, government assets, and access control at Site Barricades. Provide the certified explosive detection K-9 and Search Teams. Mutual aid of K-9 or law enforcement backup support units may be made available on a non-mission interference basis to local, regional, state, and federal police agencies and to school systems in response to threats of violence. Provide 911 dispatch and emergency communications, and operate Washington State "ASSESS" law enforcement computer systems, and dispatch of the Benton County Sheriff's Office on the Hanford Site. Provide the mandated minimum number of responders as stipulated	<p>The Contractor shall provide security services to the Hanford Site.</p> <p>The Contractor shall provide qualified staff for protection of site targets, government assets and access control.</p> <p>The Contractor shall provide the certified explosive detection.</p> <p>The Contractor shall provide 911 dispatch and emergency communications.</p> <p>The Contractor shall implement the Site Safeguards and Security Plan (SSSP).</p> <p>The Contractor shall provide in-region tracking for radioactive shipments.</p> <p>The Contractor shall provide crash phone, siren, and traffic and crowd control.</p> <p>The Contractor shall provide access control.</p>	None Identified	None Identified

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
<p>in the Site Safeguards and Security Plan (SSSP) to maintain protection for Site facilities. Provide alarm and duress monitoring for Hanford Site alarmed facilities as required. Provide in-region tracking for radioactive shipments and single point of contact for all outbound Hanford-related radioactive/hazardous material shipments. Provide crash phone, siren, and traffic and crowd control during emergencies. Provide access control, conduct badge checks, issue temporary badges, and search for prohibited articles. These provided services must interface directly with RL, and in the event of an emergency involving the Site Safeguards and Security forces, RL may assume command and control of the forces and the event, if the Emergency Operations Center is activated.</p>			

C.4.2.23 Industrial Hygiene Laboratory

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
<p>Calibrate and repair various monitoring equipment used by safety and industrial hygiene for evaluating worker protection. Provide evaluations of equipment and technical assistance to support projects with specific sampling process needs.</p>		None Identified	None Identified

C.4.2.24 Information Resource Management (IRM)

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
<p>Manage, operate and maintain site applications and services, without enhancements or upgrades, that support Hanford, including the following:          Hanford PeopleCore database--the central, integrated source of key Hanford site personnel and facility data for nearly 130 site applications.           Hanford Identification Number (HID) system--the central source for the generation of new HID numbers and for the maintenance of all HID numbers assigned.           Hanford Information System Inventory (HISI)--the central repository for the registration of applications/systems.           Software configuration tools--A centralized repository for software and documentation used           Hanford PopFon--the site-wide telephone directory utility program, which provides users of the Hanford Local Area Network (HLAN) with the capability to look-up telephone and organizational information pertaining to active employees on the Hanford Site.</p>	<p>The Contractor shall manage, operate and maintain existing Site applications and services.</p>	<p>CD0106          Cyber Security Program Plan Update  <b>Due:</b> Semi-Annually</p>	None Identified

C.4.2.25 Infrastructure Reliability

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
<p>Provide essential replacements, renovations, and upgrades to the water system, sewer system, electrical distribution system, transportation system, telecommunications system, emergency services system (Fire Department, and Emergency Operations Center), and General Purpose Facilities, including contracting and project management functions. Provide capital equipment replacements (e.g., emergency response vehicles, cranes, or other equipment that exceeds thresholds for expense funding, currently \$50,000) for non-project specific, Contractor provided service and general infrastructure mission activities.</p>	<p>The Contractor shall complete 100B Area export water system reliability enhancements:</p> <ul style="list-style-type: none"> <li>• install fire sprinkler system in 181B River Pumping Station</li> <li>• replace diesel pumping assembly in 181B River Pumping Station</li> <li>• install 12 inch water main to 181B and two fire hydrants</li> <li>• install two new diesel pumping assemblies at 182B Reservoir (and remove four old pumping assemblies)</li> <li>• replace diesel fuel tank at 182B Reservoir</li> <li>• Issue approved Construction Completion Document (A-6002-656) signifying facilities available for beneficial use.</li> </ul> <p>The above requirement assumes that the 181/2 D water facilities continue operations until enhancements are completed and facilities available for beneficial use.</p>	<p>CD0586          100B Area export water system reliability enhancements completed  <b>Due:</b> December 31, 2007</p>	<p>None Identified</p>

C.4.2.26 Land Management (day-to-day)

SCOPE	REQUIREMENT(S)	DELIVERABLES COMPLETIONS	GFS/I
<p>The Contractor shall assist RL in the implementation of the Comprehensive Land-Use Plan in accordance with the Plan and as directed or interpreted by DOE from time-to-time.</p>	<p>The Contractor shall assist RL with land use determinations.</p> <p>The Contractor shall comply with the Hanford Comprehensive Land-Use Environmental Impact Statement</p> <p>The Contractor shall follow Property Management Regulations (41 CFR 101 and 102) for real estate transactions executed by the RL.</p> <p>The Contractor shall integrate the use of real property for the overall site, individual operating areas, and specific parcels of land through:</p> <ul style="list-style-type: none"> <li>(A) Strategic planning, site selection, and excavation permits;</li> <li>(B) Site wide system integration, investigation, recommendation, implementation; interface, conflict resolution, and consensus building;</li> <li>(C) Project definition and management; and</li> <li>(D) Promotion of land as a strategic asset. The Contractor shall ensure that the action of one project does not impact others, and that no single project dominates others, or damages resources that the project has not vested interest in.</li> </ul> <p>The Contractor shall administer and manage the Site Selection and Excavation Permit processes across the Hanford Site as a streamline and integrated procedure for project review, including consistency with the Hanford Comprehensive Land-Use Plan and implementation objectives.</p> <p>The Contractor shall manage real property including review of property uses: reuse of land and facilities, investigate and</p>	<p>CD0587          Summary list, including general information (e.g., location and size) and general description of the type of requests reviewed, for all site selection and excavation permits process and issued in the past 3 years.  <b>Due:</b> March 31, 2007</p>	<p>None Identified</p>

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
	<p>characterize land, monitor miss use of property or encroachments, identify orphan or unknown land uses (e.g., non-pristine land, hazards, and waste site), investigate and disposition non-permitted activities, track and document land-use occurrences and activities.</p> <p>The Contractor shall prepare out-grants (easements, licenses, permits, and leases) and transfers (deeds), including supporting utilization surveys, disposition and plan for, administer and document real property disposals (out-grants and transfers) on the Hanford Site for execution by RL. The disposal of real estate includes, but is not limited to, boundary determination, radiological surveys, cultural surveys, biological surveys, title searches, legal-boundary surveys, fair market appraisals, environmental due diligence, NEPA, characterization, and facility preparation.</p> <p><b>Included at Compliance Level:</b></p> <p>The Contractor shall conduct and coordinate NEPA 5-Year Supplemental Analysis (10 CFR 1021) for the Comprehensive Land-Use Plan to ensure the land-use plan is relevant and current.</p> <p>The Contractor shall provide support for the potential transfer of land to Energy Northwest for WNP-1, 2, and 4 Sites.</p>		

C.4.2.27 Locksmith Services

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
Provides locksmith support for the installation, replacement and maintenance of locks, keys and access control systems for the protection of SNM, nuclear materials, classified matter and government property.	<p><b>This work scope shall be done in compliance with:</b></p> <p>CRD M 470.4-2, Chg 1 (Sup Rev 1), <i>Physical Protection</i>.</p>	None Identified	None Identified

C.4.2.28 Longterm Stewardship

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
Provide Long Term Stewardship (LTS) support to RL	<p>The Contractor shall implement DOE's vision for LTS as outlined in the document, <i>Hanford Long Term Stewardship Program and Transition: Preparing for Environmental Management Cleanup Completion, DOE/RL-2003-39, Rev 0, August 2003</i>. This will require, at a minimum, the following:</p> <ul style="list-style-type: none"> <li>• Development of a single site wide approach for the implementation of institutional controls;</li> <li>• Development of a transition process that ensures LTS consideration are considered early in the cleanup process;</li> <li>• Develop a continuous improvement process;</li> <li>• Development of performance metrics that address the transition process;</li> </ul>	None Identified	None Identified

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
	<ul style="list-style-type: none"> <li>• Development of property transfer mechanisms;</li> <li>• Development of a quality assurance document for post closure documents;</li> <li>• Development of an integrated information management system approach;</li> <li>• Clearly define the regulatory documents required to document cleanup;</li> <li>• Development of a transition checklist that sets the criterion that Hanford remediation contractors must meet in order for the transfer land to the Contractor for long term stewardship. The checklist shall be consistent with the requirements needed for Hanford transition from EM to LM.</li> </ul> <p>The Contractor's planning shall be coordinated with the River Corridor Contractor's Long Term Stewardship Planning.</p> <p>The Contractor shall help foster public confidence in cleanup decision that requires institutional controls for an extended time period.</p> <p>The Contractor shall support DOE Stewardship strategic planning and requirements definition including developing strategies, legal documents, and technical specifications to transition the Hanford Site to post-cleanup resource and risk management.</p> <p>The Contractor shall provide assistance to DOE in planning and implementing site resource management and long-term stewardship activities including performing studies and analysis of long-term stewardship needs; preparing plans and manuals; and preparing site resources and area management plans.</p> <p>The Contractor shall maintain Hanford's Long-Term Stewardship web site.</p> <p><b>Included at Compliance Level:</b></p> <p>The Contractor shall perform a comprehensive update to the Sitewide Institutional Controls Plan.</p>		

C.4.2.29 Mail

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
Provide delivery and pickup of interplant and U.S. Postal mail; maintenance of the mail stop identification number (MSIN); obtain and maintain receipts on accountable mail (registered, certified, priority and insured); and address services for mail distribution.		None Identified	None Identified

C.4.2.30 Mapping Services

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
Provide general and business-specific		None Identified	None Identified

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Hanford Site maps. Specific data systems supported include Hanford Geographical Information System/WIDS, E911, electrical utilities, environmental permitting, telecommunications mapping, and others. Provide and maintain geographically defined data sets of the Hanford Site. Provide copies of standard maps and the Hanford Site Data Sets on request. Provide custom maps.			

C.4.2.31 Occupancy Pool – Government Owned/Leased Facilities

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Provide management, maintenance, and custodial services for government-owned (office space, mobile structures, and other general purpose facilities), commercial and GSA leases for general-purpose facilities (office, training spaces, etc.) that can be used to house programs/contractors. Occupancy Pool includes facilities as approved by DOE RL and ORP.		None Identified	None Identified

C.4.2.32 Paging Services

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Provide pager services including engineering, maintenance, operation radio spectrum licensing, and other related services for the on-site, Government-owned Hanford Site pager infrastructure. Provide administration of the regional paging contract and the national paging contract.	The Contractor shall provide pager services.	None Identified	None Identified

C.4.2.33 Reserved

C.4.2.34 Property System Management

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Provide for the maintenance and operations of the site property management system (Sunflower Asset Management System) jointly utilized by FH, CH2M Hill and WCH for the integrated reporting of the DOE-owned property located on the Hanford Site. Support to the WTP contractor and PNNL is not included. Manage DOE-owned property in FH's custody per contractual and regulatory requirements.	The Contractor shall provide for the maintenance and operations of the Site property management system.	CD0402 Precious Metals Forecast Report <b>Due:</b> Annually by September 30th	None Identified
		CD0111 Physical Inventory Report <b>Due:</b> Annually	None Identified
		CD0588 Input to Property Information Data System (PIDS) database <b>Due:</b> Annually by December 15th	None Identified
		CD0589 Contractor Personal Property Management Balanced Scorecard Plan <b>Due:</b> Annually by September 30th	None Identified
		CD0590	None Identified

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
		Contractor Personal Property Management Balanced Scorecard Report <b>Due:</b> Annually by December 15 <sup>th</sup> beginning December 15, 2007	
		CD0591 Input to GSA Non-Federal Recipients Report and Exchange/Sale Report <b>Due:</b> Annually by November 15th	None Identified

#### C.4.2.35 Radio Services

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Provide engineering, maintenance and operations for radio communication services including two-way, fire dispatch, safety and emergency preparedness, and security systems and infrastructure services including spectrum licensing and management and National Telecommunications and Information Administration (NTIA) registration of radio frequencies.	The Contractor shall provide radio communications services.	None Identified	None Identified

#### C.4.2.36 Records Management

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Manage the vital records program, provide records restoration, and records/document management systems.  Provide Material Safety Data Sheet management services for site contractors.	The Contractor shall provide records management services for government records.  The Contractor shall collect the volumetric printing/duplicating information and load it into the electronic media for the annual Joint Committee on Printing (JCP) Report and the annual report on copying activities to the Office of Scientific and Technical Information (OSTI).	None Identified	None Identified

#### C.4.2.37 Records Storage

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Provide long-term records storage services for government records generated by DOE and Hanford contractors. Includes receipt of boxed records for inactive retention, processing for storage, search and retrieval for use, and eventual disposition. Administer the local records holding area storage facility and associated systems, and maintenance of the interface with the Federal Records Center in Seattle, Washington for effective inventory management.	The Contractor shall provide long-term records storage services for government records.	None Identified	None Identified

C.4.2.38 Refrigerated Equipment Services (RES)

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Provide corrective and preventive maintenance of government owned refrigeration/heating equipment (including Refrigerant Gas removal from deactivated equipment). Maintain documentation as required by the U.S. Environmental Protection Agency. Operate a repository for refrigerant gases.	The Contractor shall provide corrective and preventive maintenance of government owned refrigeration/heating equipment.  The Contractor shall maintain and operate a refrigerant gases repository.	None Identified	None Identified

C.4.2.39 Respiratory Protection

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Provide factory certified maintenance, inspection, and testing for all self contained breathing apparatus, breathing air carts, and powered air-purifying respirators.		None Identified	None Identified

C.4.2.40 Road Services

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Provide accident and spill cleanup, grading and sweeping of roads and shoulders, removal of road debris, minor road maintenance including crack sealing, patching, minor paving of potholes, road striping, and snow removal from primary and secondary roads. Establish snow removal priorities each season.	The Contractor shall maintain site roads with the exceptions of Route 2S from the Wye barricade to Route 11A and Route 11A from Route 2S to gate 810 until September 30, 2007, when the roads will transfer from ORP back to RL.	None Identified	None Identified

C.4.2.41 Safeguards & Security (SAS)

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Provide for the protection of SAS interests involving the use, identification, processing, possession, receipt, shipment, storage and disposition of SNM, classified and sensitive matter, and protection of personnel and government property. Integrate security operations on the Hanford Site.  Provide program planning and administration: (e.g., vulnerability assessments, safeguards and security plans, SAS strategic plans, technical analysis/security upgrade cost estimates, and special studies to ensure cost-effective SAS applications); protection program management (physical security, security systems, badging); information security (protect classified and unclassified sensitive information generated, processed, and stored on the Hanford Site from loss, damage, and unauthorized disclosure; provide operational and enhancement support of the Richland Clearance Information Management System; and integrate operations security, classified information systems security, classified matter protection and control, the classification office, unclassified cyber security, telecommunications security,	The Contractor shall initiate the development of the implementation of <i>FY 2003 Design Basis Threat (DBT) Policy</i> , comply with DOE DBT requirements, and any specialized instructions or direction from RL for this contract work scope.	CD0114 Nuclear Material Accountability Transaction Data Report <b>Due:</b> Monthly	None Identified
		CD0115 Nuclear Material Balance Report <b>Due:</b> Monthly	None Identified
		CD0118 Operations Security Program Status Report <b>Due:</b> Annually	None Identified
		CD0121 Patrol Contingency Plan <b>Due:</b> Annually	None Identified
		CD0122 Protective Force Strength Report <b>Due:</b> Quarterly	None Identified
		CD0120 Category of Ending Inventory Report <b>Due:</b> Quarterly	None Identified
		CD0119 Classification Officers Report	None Identified

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
<p>technical surveillance countermeasures, and the foreign national visits and assignments program); and safeguards/material control and accountability, security awareness, and personnel security.</p> <p>Provide technical expertise and emergency response personnel and equipment for the mitigation and joint incident command and control with site security forces for the control of any weapons of mass destruction and chemical/biological weapons incidents affecting the interest of the Government.</p>		<p><b>Due:</b> Quarterly</p>	
		<p>CD0117            Site Safeguards and Security Plan  <b>Due:</b> As Required</p>	None Identified
		<p>CD0116            Status Report on DOE Findings  <b>Due:</b> Quarterly</p>	None Identified

#### C.4.2.42 Sanitary Waste Disposal

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
<p>Provide for the collection and disposal of sanitary solid waste from the Hanford Site and for the disposal of non-radioactive non-dangerous drummed waste, medical waste, and asbestos waste. Monitor and maintain the closed Hanford Solid Waste Landfill including periodic inspections, soil gas monitoring and leachate management and monitoring. Operate the inert landfill at Pit 9 and administer contracts for disposal of solid waste, asbestos, medical waste, and drummed non-hazardous waste.</p>	<p>The Contractor shall dispose of sanitary solid waste, non-radioactive, non-dangerous drummed waste, medical waste, and asbestos waste.</p>	<p>CD0123            Solid Waste Landfill Monitoring Report  <b>Due:</b> Annually</p>	None Identified

#### C.4.2.43 Solid Waste Storage and Disposal

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
<p>Provide disposal of low-level waste (excludes operation of ERDF); designation and shipment of hazardous waste; manage the off site treatment, storage and disposal facility contracts; identify classified solid waste and properly segregate; provide product determinations; manage orphan wastes; store mixed and transuranic wastes. Segregated classified wastes should be put in an unclassified configuration prior to disposal off-site.</p>	<p>The Contractor shall dispose of baseline volumes of LLW and RMW (MLLW), as defined in the SWIFT 2006.0 Report, from DOE and U.S. Department of Defense generators as approved by RL.</p> <p>The Contractor shall support waste treatment/storage/disposal requests from generators approved by RL.</p> <p>The Contractor shall manage orphan wastes, and store mixed and transuranic wastes.</p> <p>The Contractor shall designate and ship hazardous waste. Hazardous waste leaving the Hanford Site for disposal must follow RL-approved radiological moratorium limits.</p> <p>The Contractor shall maintain the Solid Waste and Liquid Waste Acceptance Criteria. Modifications of the Solid Waste Acceptance Criteria shall be approved by RL.</p> <p>The Contractor shall maintain the Solid Waste Forecast. The Solid Waste Forecast shall be maintained in an internet accessible basis. The Solid Waste Forecast shall include forecasts of all TRU(M), LLW and MLLW volumes expected to be generated or managed within the scope of this contract, including post contract period waste and CERCLA waste.</p>	<p>CD0592            Solid Waste Forecast updated  <b>Due:</b> Annually</p>	None Identified

#### C.4.2.44 Telecommunication Services

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Provide engineering, operation and maintenance of the Hanford Site telephone exchange services (voice, data, special circuits, 911 support, FTS and commercial long-distance features, and attendant/operator services) including inside plant and outside plant wiring, transport (backbone) systems, switching equipment, infrastructure, and associated equipment.	The Contractor shall provide engineering, operation and maintenance of the Hanford Site telephone exchange services.	None Identified	None Identified

#### C.4.2.45 Reserved

#### C.4.2.46 Traffic Engineering

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Provide technical direction for traffic control related issues applicable to the Hanford roads.	The Contractor shall provide technical direction for traffic control applicable to the Hanford roads.	None Identified	None Identified

#### C.4.2.47 Traffic Manager

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Serve as the Site Traffic Manager by coordinating on-site and off site shipments, including hazardous materials. Serve as the Agent for the Government as designated shipper. Manage overnight small package delivery. Manage export/ import/ services with U.S. Customs and freight rate negotiations with carriers. Relocate household goods for personnel related to the work performed by the Contractor and subcontractors under this Contract. Manage inbound and outbound freight including, but not limited to, less-than-truckload-lot (LTL), truckload (TL), and Air.	The Contractor shall: <ul style="list-style-type: none"> <li>• Serve as the Traffic Manager by coordinating on-site and off site shipments, including hazardous materials.</li> <li>• Serve as the agent for the Government as designated shipper.</li> <li>• Manage overnight small package delivery.</li> <li>• Manage export/ import/ services with U.S. Customs and freight rate negotiations with carriers.</li> <li>• Relocate household goods for personnel related to the work performed by the Contractor and subcontractors under this contract.</li> <li>• Manage inbound and outbound freight including, but not limited to, LTL, TL, and Air.</li> </ul>	None Identified	None Identified

#### C.4.2.48 Transportation and Packaging

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Provide technical support for the Hanford Site for on-site and off-site transportation and packaging of hazardous materials and hazardous wastes, including those that are classified as radioactive.	The Contractor shall maintain DOE/RL-2001-0036, <i>Hanford Sitewide Transportation Safety Document</i> .  <b>This work scope shall be performed in compliance with:</b> <ul style="list-style-type: none"> <li>• DOE/RL-2001-0036, Revision. 1, <i>Hanford Sitewide Transportation Safety Document</i>.</li> </ul>	CD0443 Transportation & Packaging Program Unreviewed Safety Question Determination (USQD) Summary Report <b>Due:</b> Annually	None Identified

C.4.2.49 Tri-Party Agreement/Site Administrative Record/Public Information Repositories

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
Establish the Hanford Administrative Record. Obtain, receive and manage the Administrative Record (AR) documents generated as a result of permitting or closure of Hanford TSD or Operable Units or expedited response action (ERA) that are required by the TPA and other legal requirements, such as RCRA, and CERCLA to be maintained in the Hanford Site AR File and Public Information Repositories (PIR). Establish a documented review process for determining documents to be included in the AR. Establish, manage files, retrieve records, and make records available to the public, including maintaining the four PIRs in the Pacific Northwest.	<p>The Contractor shall manage documents that are required by the Tri-Party Agreement (TPA) and other legal requirements.</p> <p><b>Included at Compliance Level:</b></p> <p>The Contractor shall develop certification and implementing procedures. RL will be responsible for obtaining final regulatory approval of procedures, if necessary.</p> <p>The Contractor shall manage, and maintain action-specific and site-wide AR files to include making reasonable efforts to obtain documentation.</p> <p>On a quarterly basis, formally transmit a letter to RL to request documents required by the TPA Action Plan be submitted to the Administrative Record from RL, ORP, EPA, Ecology, and the other Prime contractors.</p> <p>The Contractor shall establish a documented review process for determining documents to be included in the AR.</p>		None Identified

C.4.2.50 Utilities Operations and Maintenance – Electrical Utilities

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
Provide for the safe and reliable operation of the Hanford Site electrical transmission and distribution (T&D) system in the 100, 200, 400, and 600 Areas. Interface with the Bonneville Power Administration (BPA) to ensure that electrical power and transmission related needs are met. Use meter reading and BPA cost allocation to determine customer billing.	<p>The Contractor shall operate the Hanford Site electrical T&amp;D system.</p> <p>The Contractor shall collect the necessary electrical load forecast information from all Hanford Site contractors.</p>	CD0125 Hanford Site 10-Year Load Forecast <b>Due: Annually</b>	None Identified
		CD0593 Load Shift Reports to BPA and RL <b>Due: As Required.</b>	None Identified
		CD0594 Breakdown (by contractor) of BPA power and transmission billing. <b>Due: Monthly</b>	None Identified

C.4.2.51 Utilities Operations and Maintenance – Sewer Utilities

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
Provide for the safe and reliable operation of assigned sanitary sewer systems including Subsurface Absorption Systems (SSAS), temporary holding tanks, distribution piping, and the 400 Area sanitary sewer line that runs to Energy Northwest.	The Contractor shall operate assigned sanitary sewer systems.	CD0126 Inspection Record Reports (Sewer System O&M Activities to DOH) <b>Due: Annually</b>	None Identified

C.4.2.52 Utilities Operations and Maintenance – Water Compliance and Sampling

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
Maintain a drinking water program that includes source, production, distribution, monitoring, and cross-connection control programs in accordance with federal drinking	The Contractor shall maintain a drinking water program for the Hanford Site.	CD0286 Lead and Copper Monitoring Report <b>Due: Tri-Yearly</b>	None Identified

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
water laws and the Site applicable WAC.		CD0300 200E, 200W, 400 Area Drinking Water Report <b>Due:</b> Monthly	None Identified

C.4.2.53 Utilities Operations and Maintenance – Water Utilities

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
<p>Provide for the safe and reliable operation and maintenance of the 100 Area Export Water System, 200, 400 (inside the Property Protected Area only), and 600 Area water treatment and distribution systems and facilities on the Hanford site.</p> <p>A 30 inch concrete line supplying the 100 F and 100 H Areas is excluded from the scope of this contract. In addition, all distribution piping connected to the concrete main water lines (export water system) supplying the 100 F, 100 H, 100 D, 100 N, and 100 B Areas are excluded from the scope of this Contract.</p>	The Contractor shall operate and maintain water treatment and distribution systems and facilities on the Hanford site.	CD0130 Water Facility Inventory Report Forms <b>Due:</b> Annually	None Identified

## C.5 Other Work Scope

This Contract includes work scope not solely associated with site cleanup, waste and SNF management operations, or site services and is necessary for the successful accomplishment of the Contract. The work scope includes Environment, Safety, Health and Quality Assurance (ESH&Q) support; Emergency Management and Preparedness for Contract activities and assigned facilities; Contractor Project Management activities and products; and support provided directly to RL and request-for-service activities.

### C.5.1 Environment, Safety, Health and Quality Assurance (ESH&Q)

#### C.5.1.1 Environmental Protection

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
Provide an environmental compliance program that includes preparation/coordination of regulatory required site-wide environmental reports, permits, permit applications; addressing/tracking of regulator issues; performance of near-field monitoring; and providing technical support for TPA compliance and regulatory analysis. Ensure compliance with applicable environmental laws and regulations.	The Contractor shall manage assigned facilities and operable units to assure compliance with environmental permits, requirements, and agreements.	CD0155 Annual BCAA Asbestos Notification of Intent <b>Due:</b> Annually	None Identified
	The Contractor shall provide legally and regulatory required environmental monitoring of near facility, air, and liquid effluents.	CD0139 Annual Environmental Release Report <b>Due:</b> Annually	None Identified
	The Contractor shall collect, compile, and integrate environmental monitoring data from operations and activities under its control and from other Hanford Site Contractors. This data will be used in preparation of mandatory state and Federal environmental reports for the Hanford Site.	CD0153 Annual Noncompliance Report <b>Due:</b> Annually	None Identified
	The Contractor shall provide technical support to manage the TPA.	CD0150 Annual Criteria and Toxic Air Pollutants Air Emissions Inventory <b>Due:</b> Annually	None Identified
	The Contractor shall evaluate the impacts of new environmental laws and regulations and provide an assessment of the cost of implementation.	CD0164 Annual Radionuclide Air Emissions Report <b>Due:</b> Annually	None Identified
	The Contractor shall compare the monitoring data with regulatory and/or permit standards and provide reports to the other contractors for their use in assessing compliance with the standards. The data shall also be compiled, collated, and/or consolidated, as necessary, into the mandatory state and Federal environmental reports for the Hanford Site.	CD0142 Air Operating Permit (AOP) Annual Compliance Certification Report <b>Due:</b> Annually	None Identified
	The Contractor shall provide appropriate environmental data for its facilities and operable units to support Hanford Site assessments and preparation for the Hanford Site Environmental Report.	CD0159 Class V Underground Injection Control Well Registration <b>Due:</b> As Required	None Identified
	The Contractor shall prepare, maintain and comply with Hanford site-wide environmental requirements and permits, as directed by RL. This includes required site-wide regulatory analysis associated with the Hanford environmental program.	CD0160 Environmental Monitoring Plan (EMP) to PNNL <b>Due:</b> Every Three Years	None Identified
	The Contractor shall provide technical	CD0146 <i>Emergency Planning and Community Right-To-Know Act of 1986 (EPCRA) Section 312 Tier Two Emergency and Hazardous Chemical Inventory Report</i> <b>Due:</b> Annually	None Identified
		CD0158 EPCRA Section 313 TRI Report <b>Due:</b> Annually	None Identified
		CD0151	None Identified

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
	support to manage the Hanford site-wide permits and assist in resolving regulatory agency enforcement actions.	Hanford AOP Semi-Annual Report <b>Due:</b> Semi-Annually	
		CD0157 Hanford Site Annual Dangerous Waste and Annual Waste Treatability Study Report <b>Due:</b> Annually	None Identified
		CD0141 Hanford Site Annual Polychlorinated Biphenyl (PCB) Document Log <b>Due:</b> Annually	None Identified
		CD0163 Hanford Site Annual PCB Report <b>Due:</b> Annually	None Identified
		CD0288 National Pollutant Discharge Elimination System Discharge Monitoring Report <b>Due:</b> Monthly	None Identified
		CD0154 RCRA Permit Class I Modification Notification <b>Due:</b> Quarterly	None Identified
		CD0148 RCRA Pipe Mapping and Marking Report <b>Due:</b> Annually	None Identified
		CD0143 RCRA Section 3016 Report <b>Due:</b> Biennially	None Identified
		CD0152 Portable and Temporary Radioactive Air Emission Units (PTRAEU) & Heating & Ventilation Units (HVU Annual) Report <b>Due:</b> Annually	None Identified
		CD0161 Underground Storage Tank Master License Renewal Application <b>Due:</b> Annually	None Identified
		CD0595 Class V Underground Injection Control Wells Updates to Ecology <b>Due:</b> Annually	None Identified
		CD0596 Class V Underground Injection Control Wells Decommissioning Notification to Ecology <b>Due:</b> As Required	None Identified
		CD0616 Underground Injection Control Well Annual Update <b>Due:</b> February 14	None Identified

C.5.1.2 Integrated Safety Management (ISM) System

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
Maintain a single project wide ISM system.		CD0132 Performance Objectives, Measures, and Commitments Report <b>Due:</b> Annually	GF0089 Approve updates to the Annual Performance Objectives, Measures, and Commitments Report within 30 days of submittal

C.5.1.3 Nuclear Safety

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
Maintain a Nuclear Safety Program that includes criticality safety and nuclear facility safety.	<p>The Contractor shall perform readiness determinations for restart of nuclear activities and for start-up of new nuclear activities to demonstrate readiness to safely start the activity.</p> <p>The Contractor shall provide support to the RL liaisons to the DNFSB.</p> <p>The Contractor shall provide support to RL for the <i>Price-Anderson Amendment Act of 1988</i> (PAAA) Enforcement Program.</p>	CD0137 Project Hanford – FY200X Criticality Safety Self Assessment Report <b>Due:</b> Annually	None Identified
		CD0293 Quarterly Update of the Startup Notification Report for Fluor Hanford Managed Facilities <b>Due:</b> Quarterly	GF0117 Approve quarterly updates of the Startup Notification Report within 30 days of submittal
		CD0182 Unreviewed Safety Question Summary Report for each FH managed category 1, 2, and 3 nuclear facilities <b>Due:</b> Annually	None Identified
		CD0597 Updated Documented Safety Analysis for each Contractor managed Category 1, 2, and 3 nuclear facility. <b>Due:</b> Annually	GF0147 See Section C.1.6

C.5.1.4 Occupational Safety & Health

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
Develop, implement, and maintain a worker safety and health program that complies with 10 CFR 851.	<p>The Contractor shall meet applicable occupational safety and health requirements for site-related operations and conditions.</p> <p>The Contractor shall provide management of chemicals in accordance with DOE Orders and directives.</p> <p>The Contractor shall interface with the Site Occupational Medical contractor for occupational health services as described in Fluor Hanford 10 CFR 851, <i>Worker Safety and Health Program Document</i>.</p> <p>The Contract shall submit Variances as required in accordance with 10 CFR 851 Subpart D Variances Sections 851.30 and 851.31</p> <p>The Contractor shall meet the requirements of FH 10 CFR 851, <i>Worker Safety, and Health Program Document</i> for site related operations and conditions effective May 25, 2007.</p> <p>The Contractor shall maintain the Hanford</p>	CD0598 Fluor Hanford 10 CFR 851 Worker Safety and Health Program Document <b>Due:</b> February 26, 2007	GF0148 Provide written response back to FH for variances to 10 CFR 851 within 30 days from submittal.
		CD0599 List of closure facility hazards and established controls within 90 days of hazard identification starting May 25, 2007	GF0149 Provide acceptance of hazard controls or direct additional actions within 90 days of receipt of the FH list(s).
			GF0150 A notice or letter identifying who is (are) responsible to be the Authority Having Jurisdiction (AHJ) as defined in NEC, and referenced in the Federal Register Volume 71, Number 27, page 6912, paragraph 2, and implemented through 10CFR851 Appendix A Item 10.

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
	<p>Workplace Electrical Safety Board and Codes Board, to serve as a recommending body for Electrical Interpretations and request for exemptions, equivalencies and retroactivity interpretations, as allowed for in the National Electrical Code.</p> <p>The Contractor shall be a member of a committee established under 10 CFR 851 to address multi-contractor site safety issues as referenced in 10 CFR 851.11 (a) (2i) and (2ii).</p>		Due: January 15, 2007

### C.5.1.5 Quality Assurance

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Maintain and implement a Quality Assurance Program.	<p><b>This work scope shall be done in compliance with:</b></p> <ul style="list-style-type: none"> <li>• CRD O 414.1C, <i>Quality Assurance</i></li> <li>• 10 CFR 830, Subpart A, <i>Quality Assurance Requirements</i></li> </ul>	<p>CD0136            Update to the approved Quality Assurance Program Description (QAPD)  <b>Due:</b> Annually</p>	<p>GF0090            Approve updates to the Quality Assurance Program Description within 30 days of submittal</p>

### C.5.1.6 Radiation Protection

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Maintain an environmental and occupational radiation protection program.		<p>CD0138            Updated Radiation Protection Program Plan  <b>Due:</b> Tri-Annually</p>	None Identified

## C.5.2 Emergency Management/Preparedness

### C.5.2.1 Emergency Management/Preparedness

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Provide an emergency response capability for assigned facilities that implements the <i>Hanford Emergency Management Plan</i> , DOE/RL-94-02.		None Identified	None Identified

## C.5.3 Management Products and Controls

This Section describes the management products and controls required during the Contract period.

### C.5.3.1 Accounting System

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Maintain a Contractor accounting system.	The Contractor's accounting system must have the electronic capability to generate and transmit by acceptable mode, the periodic detailed accounting information, at a minimum monthly and at year-end, to the DOE's Primary Accounting System for	<p>CD0267            Estimated Property Valuation  <b>Due:</b> Annually</p>	None Identified
		<p>CD0270            Conference Management Report</p>	None Identified

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
	reporting financial activity under this contract in accordance with DOE requirements and the DOE Accounting Handbook, except for Chapters 3, 5, 8, 14, 16, 18, 19, and 20.	<b>Due:</b> Quarterly CD0405 Planned Conference Activity January – March <b>Due:</b> Annually	None Identified
	NOTE: RL has modified, with DOE Headquarters knowledge and approval, the instructions in Accounting Handbook Chapter 21, "Financial Closeout." These guidelines are followed, except that the final audit is not completed by DOE; rather it is completed by the Defense Contract Audit Agency. Consistent with Federal Acquisition Regulations (FAR) and Department of Energy Acquisition Regulations (DEAR) requirements, the final audit and contractor certifications are received and the Contracting Officer prepares a final contract modification and closing documentation. RL Finance retires records according to RL guidelines for that contract.	CD0179 Contract Funds Status Report <b>Due:</b> Monthly	None Identified
		CD0271 Depreciation Charges <b>Due:</b> Monthly	None Identified
		CD0181 Disclosure Statement <b>Due:</b> As Required	None Identified
		CD0273 Erroneous Payment Report <b>Due:</b> Quarterly	None Identified
		CD0173 Financial Information System (FIS) Management & Reporting System (MARS) <b>Due:</b> Month-End Deadlines	None Identified
		CD0278 Fiscal Year 200X Workman's Compensation with Rate of 2% <b>Due:</b> As Required	None Identified
	(1) is suitable to provide proper accounting in accordance with Generally Accepted Accounting Principles, and Cost Accounting Standards, except as modified by DOE requirements;	CD0279 Fiscal Year 200X Year-End Requirements and FY200X Planning Requirements <b>Due:</b> Annually	None Identified
	(2) supports financial planning and budget formulation, validation, execution, and the recasting or changing of DOE funding or task codes such as Budget and Reporting Numbers (B&R), Project Baseline Summary (PBS), and local projects/tasks;	CD0277 Fiscal Year 200X Travel Target Report [include FY200X Travel Target for following year in End of FY Report] <b>Due:</b> Semi-Annual as requested	None Identified
	(3) maintains proper funding authorization including when Approved Funding Program changes between PBS's or changes between Operating, Capital Equipment, or General Plant Projects within a PBS are required;	CD0281 Fluor Hanford, Inc., Cost Submittal FHXXXX <b>Due:</b> Monthly	None Identified
	(4) notifies DOE as soon as possible when potential reprogrammings are anticipated or required;	CD0282 Functional Support Cost Reporting (FSCR) for FY200X <b>Due:</b> Annually	None Identified
	(5) integrates and reports the financial information for subcontractors; and	CD0414 Supplemental Compensation Report <b>Due:</b> Annually	None Identified
	(6) provides all other necessary financial reports, which shall include accumulating and reporting indirect and support costs by function.		
	The Contractor shall continue to operate the classified Departmental Inventory Management System (DIMS), which reports the financial aspects of special nuclear material inventory changes and status.		
	The Contractor shall report cost information for all contract funds, including work for others. (FY04 to FY08)		
	The financial management systems of Assigned Personnel employers shall have the same level of detail required of the Contractor and be consistent with the requirements of this clause.		

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
	The use of overtime is authorized under this Contract if the overtime premium cost does not exceed 12% of total payroll.		

C.5.3.2 Baseline

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Maintain an integrated, traceable scope, schedule, and cost contract baseline and life-cycle baseline for selected PBSs as directed by the Contracting Officer, in accordance with CRD O 413.3A, <i>Project Management for the Acquisition of Capital Assets</i> .	<p>The Contractor shall develop an integrated scope, schedule, and cost baseline at a minimum of 50% confidence level (unless a lower level of confidence is agreed to between the Contractor and DOE) and maintain the integrated Project Baseline for the period of Contract performance.</p> <p>The Contractor shall not be required to update the life-cycle baseline more than once per year.</p> <p>The Contractor shall maintain the life-cycle baseline containing scope, schedule, and cost information to support development and maintenance of an integrated RL baseline and support the Federal annual budget, planning, and execution processes.</p> <p>The Contractor shall maintain vertical and horizontal traceability between technical, schedule and cost at all levels of the WBS structure.</p> <p>The baseline shall contain the following elements:</p> <ol style="list-style-type: none"> <li>1. General               <ol style="list-style-type: none"> <li>a. An electronic baseline available in HANDI</li> </ol> </li> <li>2. Technical Baseline               <ol style="list-style-type: none"> <li>a. WBS Hierarchy</li> <li>b. PBS Mission Objectives</li> <li>c. WBS Dictionaries</li> <li>d. Waste and Material Forecasts</li> <li>e. Functions and Requirements by PBS</li> <li>f. Gold Metrics by PBS</li> <li>g. RAM Tables for Waste Sites and Facilities</li> </ol> </li> <li>3. Schedule Baseline               <ol style="list-style-type: none"> <li>a. Critical Path schedules by PBS</li> <li>b. Milestone Listing that includes TPA and other Regulatory milestones</li> </ol> </li> <li>4. Cost Baseline               <ol style="list-style-type: none"> <li>a. Cost Profiles by PBS</li> </ol> </li> </ol> <p>The Project Baseline shall:</p> <ol style="list-style-type: none"> <li>1. Provide basis of cost estimate information 30 days after baseline update.</li> <li>2. Integrate and be consistent with the risk management approach.</li> </ol> <p>Contract period (FY04 to FY08) planning shall be based on the scope requirements, interfaces, endpoints, and funding provided in this Contract.</p> <p>Contract period (FY04 to FY08) planning shall be maintained through rigorous change</p>	<p>CD0284 GFS/I Report <b>Due:</b> Quarterly</p> <p>CD0167 Integrated Project Baseline(s) <b>Due:</b> As Requested</p>	<p>None Identified</p> <p>GF0093 Formal direction to update the life cycle baseline 60 days prior to need</p>

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
	<p>control.</p> <p>The Contractor shall maintain the Hanford Site Technical baseline data (now in the Hanford Site Technical Database) for all Hanford Site cleanup work.</p> <p>The Contractor shall incorporate all GFS/Is that are critical path to achieving performance incentives into baseline schedules.</p> <p>The Contractor shall provide support to RL for the occasional budgetary ("what if") exercises. Budgetary exercises include, but not limited to:</p> <ul style="list-style-type: none"> <li>• PBS changes and scope transfers</li> <li>• Funding level changes</li> <li>• Mission objective changes</li> <li>• Schedule changes</li> </ul> <p>The Contractor shall provide support and documentation required for the DOE Critical Decision process in accordance with CRD O 413.3A, <i>Project Management for the Acquisition of Capital Assets</i>. (Implement per RL Letter 07-pro-0133, dated 1/30/07)</p> <p>The Contractor shall prepare Contractor Project Execution Plans (PEP), or Project Management Plans (PMP), in accordance with the requirements of DOE O 413.3, Chg 1, <i>Project Management for the Acquisition of Capital Assets</i>. The Contractor shall perform all responsibilities assigned to the Contractor in the PEPs/PMPs, and develop a graded approach to implement DOE Order requirements.</p> <p>The Contractor shall support DOE Unical requests at a level consistent with budget submittals.</p>		

C.5.3.3 Change Control

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
<p>Maintain baseline configuration control using disciplined change control.</p>	<p>The Contractor shall implement and provide all necessary support to the integrated project baseline change control system. The Project Baseline shall be used as the reference for all baseline changes.</p> <p>Baseline changes that result in one or more of the following must be submitted for disposition:</p> <ol style="list-style-type: none"> <li>1) Changes to the contract statement of work;</li> <li>2) Changes to performance incentive objectives, definitions, or completion criteria;</li> <li>3) Changes to end-state definitions;</li> <li>4) Changes to contract funding levels;</li> <li>5) Changes to annual gold metrics;</li> <li>6) Changes which result in impacts to other site contractors;</li> <li>7) Changes that increase the execution year</li> </ol>	<p>CD0168 Baseline Change Requests <b>Due:</b> As Required</p> <p>None Identified</p>	<p>None Identified</p> <p>GF0095 Formal direction for any change to contract statement of work; performance incentive objectives, definitions, or completion criteria; end-state definitions; contract funding levels; or gold chart metrics.</p>

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
	<p>PBS funding; and</p> <p>8) Changes to any PBS total life-cycle cost.</p> <p>The Contractor may implement baseline changes that are directed and funded by RL or are self-funded by FH. These BCRs will be provided to RL for information and review. Any changes resulting from RL's review will be incorporated in subsequent BCRs.</p>		

C.5.3.4 Contract Reporting

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
<p>Report performance for the technical work scope, schedule, and cost profile defined in the Contract Baseline. Provide contract reports to RL, as listed in deliverables for Sections C.2 through C.5.</p> <p>The Contractor shall provide DOE with the necessary project performance information to support budget planning, execution, and reporting; project planning and execution; audit and evaluation; and other DOE performance assessment and information needs.</p>	<p>Each month, the Contractor shall prepare and transmit to DOE the Project Hanford Management Contract Performance Report at the PBS level or higher. This report shall include the FH information to support the DOE Environmental Management Performance Report.</p> <p>The Contractor shall conduct contract status meetings each quarter to include the Gold Metrics, issues, and overall cost and schedule performance at the PBS level or higher.</p> <p>The Contractor shall submit Monthly PBS Project Performance Reports for DOE review that contain the following minimum information for the current month, current quarter, and cumulative-to-date:</p> <ol style="list-style-type: none"> <li>1. Evaluation of safety performance (including safety metrics and all recordable injuries, lost-time injuries, and near-misses).</li> <li>2. Evaluation of performance (including identification of performance trends, required corrective actions, and corrective action status).</li> <li>3. Project Risk Management Summary.</li> <li>4. Evaluation of project scope baseline accomplishments, significant accomplishments, regulatory commitments, and DOE/Congressional commitment metrics.</li> <li>5. Evaluation of project schedule baseline performance, variances, and critical path.</li> <li>6. Evaluation of project cost baseline performance and variances.</li> <li>7. Estimates-to-complete and estimates-at-completion (for the fiscal year).</li> <li>8. Analysis of funds expenditure.</li> <li>9. 90-day look-ahead forecast for major activities, milestones, and GFS/I needs</li> </ol> <p>The Contractor shall submit to DOE the accident reports provided for by Revised Code of Washington (RCW) Title 51.</p>	<p>CD0268 Wage Increase Expenditure Report, DOE-F-3220.8 and Recruitment and Retention Report <b>Due:</b> Annually</p>	None Identified
		<p>CD0309 Annual Report on Contractor Workforce Restructuring <b>Due:</b> Annually</p>	None Identified
		None Identified	<p>GF0096 Formal direction for any change to IPABS-IS or PARS format or content 60 days prior to need</p>
		<p>CD0290 Procurement Balanced Scorecard <b>Due:</b> Annually</p>	None Identified
		<p>CD0187 Compensation Increase Plan <b>Due:</b> Annually</p>	None Identified
		<p>CD0183 Diversity Plan Update <b>Due:</b> Annually</p>	None Identified
		<p>CD0272 Equal Employment Opportunity (EEO)1 Report – Required by and sent to the U.S. Department of Labor <b>Due:</b> Annually</p>	None Identified
		<p>CD0283 FY200X Annual Audit Activities Report <b>Due:</b> Every January</p>	None Identified
		<p>CD0310 FY 200X Internal Audit Annual Plan <b>Due:</b> June 200X</p>	None Identified
		<p>CD0285 Internal Audit Quarterly Status Report <b>Due:</b> 20 Days After FY Quarter End</p>	None Identified
		<p>CD0311 Internal Audit Reports <b>Due:</b> As Completed.</p>	None Identified
		<p>CD0184 Minority and Female</p>	None Identified

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
	Section 51.28.010 (as required) . Conduct a review, at least yearly, of all supervisors' adherence to and performance under the Contractor's equal employment policy and affirmative action obligations.	Personnel Inventory and Evaluation for Promotional Opportunities Report <b>Due:</b> Annually	
	The Contractor shall support and attend periodic RL/Contractor Performance Management Meetings.	CD0188 Recruitment and Retention Pool Amount Update <b>Due:</b> Annually	None Identified
	The Contractor shall report subcontracting activity in accordance with the agreed subcontracting plan, as required in FAR 52.219-9 using the SBA ESRS System.	CD0295 Report of Compensation (Forms DOE-F-3230.6a and DOE-F-3230.6b) <b>Due:</b> Annually	None Identified
	The Contractor shall report all environmental, safety, and health events and information as required in CRD M 231.1-1A, <i>Environment, Safety, and Health Reporting</i> ; DOE O 450.1, <i>Environmental Protection Program</i> ; and DOE O 5400.5, <i>Radiation Protection of the Public and the Environment</i> . The Contractor shall flow down the applicable reporting requirements to all levels of self-performed work and all tiers of subcontracted work performance. The Contractor shall consolidate all information and serve as a single point of reporting to DOE for all environmental, safety, and health events and information.	CD0193 Small Business Subcontracting Plan <b>Due:</b> Annually	None Identified
		CD0169 Project Hanford Management Contract Performance Report <b>Due:</b> Monthly	None Identified
		CD0178 Fiscal Year (FY) 200X Contractor Assurance on the Adequacy of the Internal Management Control Program <b>Due:</b> Annually every August	None Identified
	The Contractor shall provide all required support for the preparation of annual and/or periodic consolidated Hanford Site reports for all Contract activities, including summaries of work performed, monitoring and assessment, compliance status, identification and resolution of problems, and other related activities.	CD0186 Salary Guidelines <b>Due:</b> Annually	None Identified
		CD0410 Annual Experience Report of Claims for Automobile and Commercial General Liability <b>Due:</b> Annually	None Identified
		CD0298 VETS-100 Report – Required by and sent to the U.S. Department of Labor <b>Due:</b> Annually	None Identified
		CD0600 Contractor Employment and Separation Data <b>Due:</b> Annually	None Identified
		CD0601 Davis-Bacon Semi-Annual Enforcement Report <b>Due:</b> Semi-Annually by the 1 <sup>st</sup> Friday of April and October	None Identified
		CD0602 Updated Labor Relations Module in the Work Force Information System <b>Due:</b> Annually by January 15 <sup>th</sup>	None Identified

C.5.3.5 Interface Management

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
Work with DOE-RL, DOE-ORP, and other site contractors to establish and maintain	Interface control documentation shall clearly define the roles and responsibilities of the	None Identified	None Identified

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
interface documentation that defines the various interfaces and associated agreements.	various parties (DOE and Contractor) with respect to the interface.  The Contractor shall comply with established interface agreements and manage changes to interface documents using an approved change control process.		

### C.5.3.6 Project Controls and Estimating Systems (PCES)

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
Implement, maintain and use project controls systems and work processes that support successful execution and completion of the contract work scope.	The PCES shall follow the guidelines of ANSI EIA-748-A-1998, <i>Earned Value Management Systems</i> , and this Contract.	None Identified	None Identified

## C.5.4 Legal Services and Litigation Management

### C.5.4.1 Legal Services and Litigation Management

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
Provide legal services to Contractor staff and managers; control the risk of litigation in operation of this Contract; and administer the Contractor Legal and Ethical Conduct Program.	Legal Services shall be provided to staff and managers to enable them to make informed decisions and to operate within the applicable laws and regulations.  Litigation Services for the Contractor shall be provided in cases of actual or threatened litigation, regulatory matters, or third-party claims in accordance with the Legal Resources Management Plan.  The Contractor shall submit the Legal Resources Management Plan updates and an Annual Lessons Learned Report to DOE for review, as necessary.  The Contractor shall manage litigation actions, and provide RL Law Report updates and an annual budget submission in accordance with the Legal Resources Management Plan.  The Contractor shall submit Subject Inventions/Patents Reports as necessary.	CD0194 Legal Resources Management Plan update <b>Due:</b> As Necessary	GF0098 Identify deficiencies in the Legal Resources Management Plan within 30 days of submittal.
			GF0099 State objections to staffing and resource plan within 30 days of submittal.
		CD0603 Subject Inventions/Patents Reports <b>Due:</b> As Necessary	None Identified

## C.5.5 Science and Technology Planning and Integration Management

### C.5.5.1 Science and Technology

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
Plan and integrate the application of science and technology directly into projects and services to reduce schedule, cost and risk.	The Contractor shall track demonstrations and deployments of new or innovative technologies.  The Contractor shall communicate and cooperate with DOE National Office of Science and Technology Program (e.g., RL, DOE Headquarters, Hanford Site contractors,	None Identified	None Identified

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
	National Laboratories) and build partnership with the science and technology community.		

## C.5.6 Training

### C.5.6.1 Training Program

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Develop, implement and manage a training program that maintains a qualified workforce in sufficient numbers and skill levels to meet the Hanford Site requirements.		None Identified	None Identified

## C.5.7 HAMMER (Hazardous Materials Management and Emergency Response)

### C.5.7.1 HAMMER

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Manage, operate and maintain the Volpentest HAMMER Training and Education Center to provide training and education programs for hazardous material, waste management, and emergency response to Hanford workers (as a first priority) and for workers nationwide. Continue partnerships with HAMMER stakeholders.	<p>The Contractor shall manage, operate and maintain the Law Enforcement and Security Training Center (LESTC) (as an integral part of HAMMER) in such a manner that the Hanford Site's protective force, Hanford Patrol, has first priority in the use of the facilities/ranges to meet mandated training.</p> <p>The Contractor shall coordinate and schedule off-site law enforcement and private security entities to utilize excess capacity of the LESTC.</p>	None Identified	None Identified

## C.5.8 Architect Engineer/Construction Management

### C.5.8.1 Architect Engineering and Construction Services

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Provide Architect Engineering and Construction Management services necessary to accomplish the contract scope of work.		None Identified	None Identified

## C.5.9 Direct Support to DOE/RL (U.S. Department of Energy, Richland Office)

### C.5.9.1 Communications and Media Support

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Provide a wide range of communications support to include, but not be limited to, media relations, printed materials, electronic products (including audio, video and CD productions), the Hanford website, Tribal Government participation, public participation and outreach, tours, employee communications, and emergency	<p>Press releases and media briefings shall be coordinated with RL and be factual, proactive, and incorporate the Hanford key messages and cleanup outcomes.</p> <p>Publications and websites shall be developed in consultation with RL and shall be identified as a Hanford Site product.</p>	None Identified	None Identified

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
preparedness planning and execution.	<p>All communications activities shall comply with the DOE Openness Policy, DOE American Indian and Alaska Native Tribal Government Policy, and the Hanford Site TPA Public Involvement Community Relations Plan.</p> <p>The Contractor shall ensure that interactions with Tribal Nations are consistent with the principles of the DOE American Indian and Alaska Native Tribal Government Policy and are open, up-front, and coordinated with the RL Indian Nations Program manager.</p> <p>The Contractor shall coordinate communications with the staff on interactions with Congressional, state, local government, and elected officials regarding its Contract scope.</p> <p>The Contractor shall provide a timely, accurate, thorough and detailed response to information requested by DOE to comply with <i>Freedom of Information Act</i> and <i>Privacy Act</i> requirements.</p> <p>The Contractor shall provide support for emergency communications activities, including ensuring well-trained communications staff is available for the Joint Information Center (JIC) or Emergency Operations Center (EOC) in the event of an extended emergency.</p> <p>The Contractor shall support tours of the site, DOE sponsored tours and up to 18 (2 to 3 hours) public tours. Transportation, tour guides, and food/beverages will be provided as appropriate to support DOE. DOE will continue to provide personnel to support public tours. Additional public tours would require an RFS.</p> <p>The Contractor shall assist RL in preparations for the Congressional Cleanup Caucus.</p> <p>The Contractor shall provide strategic communication products, as requested, up to one half FTE annually.</p>		

C.5.9.2 Direct RL Support

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
The Contractor shall provide support to RL on specific activities.	<p>The Contractor shall provide Litigation Services support to RL in cases of actual or threatened litigation, regulatory matters, or third-party claims in accordance with the DOE Office of General Counsel, Legal Services and Litigation Management Policies and Procedures, as requested by the Contracting Officer.</p> <p>Assist RL in preparing regulatory documents to meet state and Federal regulations.</p> <p>The Contractor shall support DOE in the coordination, presentation, and integration of PHMC activities as they relate to Hanford</p>	None Identified	None Identified

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
	Site initiatives and other DOE prime contractors, regulators, advisory boards, tribal governments, and/or stakeholders (up to ½ FTE annually).		

C.5.9.3 Emergency Preparedness (EP)

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Provide support to RL on specific activities. Provide operational, technical and administrative emergency management services. Coordinate with DOE EP and DOE Office of Communications (includes ORP) staff in supporting the Hanford EOC; maintain and operate the JIC and Occurrence Notification Center (ONC); and manage the Transportation and Radiological Emergency Preparedness Programs. In support of the DOE EP Program, integrate Hanford's Site-wide EP Program, including maintenance of the Hanford Emergency Management Plan and implementing procedures, managing the Hanford Site Emergency Exercise Program, maintaining the Site Emergency response organization and facilities, maintaining the Hanford Site Emergency Alerting System, training site emergency response members, assisting RL in program management, assisting in the off site interface program, and provide support in managing the emergency public information program.	<p>The Contractor shall assist DOE with EP program management.</p> <p>The Contractor shall assist DOE with integration of Hanford's Sitewide EP Program.</p> <p>The Contractor shall maintain Hanford's Emergency Management Plan and implementing procedures.</p> <p>The Contractor shall assist DOE in managing Hanford's Site Emergency Exercise Program.</p> <p>The Contractor shall maintain 24 hour capability of the Hanford EOC, JIC, and ONC.</p> <p>The Contractor shall maintain the capability of the Hanford Site Emergency Alerting System.</p> <p>The Contractor shall train the Site emergency response members.</p> <p>The Contractor shall assist DOE in managing the off-site interface program.</p> <p>The Contractor shall assist DOE in managing emergency public information.</p> <p>The Contractor shall assist DOE in managing the Transportation Emergency Preparedness Program.</p> <p>The Contractor shall provide required information for the DOE Emergency Readiness Assurance Plan/Report (ERAP)</p> <p>The Contractor shall support DOE preparation of the annual Emergency Preparedness Field Exercise and quarterly limited exercise Evaluation Reports</p> <p>The Contractor shall support DOE preparation of the evaluation reports for declared emergencies.</p> <p>The Contractor shall provide Quarterly FH Emergency Management Metrics Data</p>	None Identified	None Identified

C.5.9.4 Energy Management

SCOPE	REQUIREMENT(S)	DELIVERABLES/COMPLETIONS	GFS/I
Manage the Contractor's facilities and activities in an energy efficient manner and in accordance with the Contractor's Energy	The Contractor shall complete an annual Energy Management Report (consistent with guidance from the DOE Federal Energy	CD0211 Energy Conservation Analysis Report for New	GF0151 DOE guidance must be provided to the Site

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
Management Plan, and support RL in gathering Hanford Site energy resource cost and consumption data.  <b>Exclusion:</b> This excludes energy management and water usage data for Office of Science facilities.	Management Program) and submit the Report to RL.  The Contractor shall collect the required energy resource (e.g., electrical, natural gas, fuel oil, etc.) cost and consumption data and input the data no later than 40 days after the end of each fiscal year quarter into the DOE Federal Energy Management Program (FEMP) Energy Management System (EMS) database (i.e., Quarterly Energy Conservation Performance Report); notify RL Energy Manager upon completion of each quarter data entry. The data shall also be included in the Annual Energy Management Report.  The Contractor shall collect the required water usage data and include the information in the Annual Energy Management Report.  <b>Included at Compliance Level:</b>  The Contractor shall utilize the DOE Guidance and Metering Plans to provide electric metering system information, and develop and implement the Hanford Site Electric Metering Plan.	Building or Building Addition Projects <b>Due:</b> As Required  CD0210 FH Annual Energy Management Report <b>Due:</b> Annually	Contractors 60 calendar days prior to the required completion date.  GF0152 DOE guidance for Annual Energy Management Report must be provided 60 calendar days prior to the required completion date.

#### C.5.9.5 Geospatial Information Management

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
Support RL in disseminating Hanford geographical data.	The Contractor shall operate and maintain a Hanford geospatial clearinghouse web site.  The Contractor shall support the Site Spatial Data Council.  The Contractor shall serve as the RL point-of-contact and provide geospatial information for off-site requests.	None Identified	None Identified

#### C.5.9.6 Site-Wide RL Support

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
Provide support to RL for site-wide activities: traffic management, operation of the Sample Management Office, and emergency preparedness. (Emergency Preparedness is described above.)	Act as the Traffic Manager by coordinating on-site and off-site shipments and serve as the designated shipping agent for DOE.  The Contractor shall operate the Sample Management Office for RL.	None Identified	None Identified

#### C.5.9.7 TPA Support

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
Support RL in the management of the TPA.	Support DOE and Hanford Site Contractor Project staff in TPA negotiations.  Develop strategy, process, and procedures for TPA change packages for DOE approval. Assist the responsible project in the development of the change packages and discussions with the lead regulatory agency.	CD0208 Resolution of Disputes <b>Due:</b> As Required	None Identified
		CD0604 TPA milestone status reports and statistics <b>Due:</b> Monthly	None Identified

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
	<p>Support the TPA dispute resolution process. Develop strategy, process and procedures for the TPA dispute resolution process for DOE approval. Assist RL and the responsible Hanford Site contractor Project Offices in the development of the Statement of Dispute to ensure TPA and other regulatory requirements are not impacted by the proposed resolution contained in the Statement of Dispute.</p> <p><b>Included at Compliance Level:</b></p> <p>Incorporation in the Hanford TPA Handbook of strategy, process, and procedures for the TPA dispute resolution process.</p> <p>Incorporation in the Hanford TPA Handbook of strategy, process and procedures for the TPA change packages.</p>		

### C.5.10 Request for Services Support

#### C.5.10.1 Request for Services Support

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
Manage and administer the Request for Services (RFS) and Work for Others program.	<p>Develop a Statement of Work with an associated cost estimate, when requested by RL.</p> <p>Review request for resource availability and impact to on-going work and transmit package to RL for approval.</p>	<p>CD0214            RL approval request and RFS package  <b>Due:</b> As Required</p>	None Identified

### C.5.11 Mutual Aid Agreements

The Contractor shall make certain personnel available on a non-mission interference basis in response to requests for aid and assistance from those entities outside of the Hanford Site with which DOE has signed Mutual Aid Agreements (MAAs). Services for aid and assistance include, but are not limited to, fire protection/suppression, emergency medical services, and police assistance. Contract Section J, Appendix C contains the current list of MAAs.

When such request for aid and assistance impacts the Contractor's ability to perform work in support of required deliverables/completion dates or performance incentives, they may be considered a "change" in accordance with the Clause entitled, "*Changes – Cost Reimbursement*" of the Contract.

### C.5.12 Contract Transition

#### C.5.12.1 Contract Transition

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
DOE and the Contractor recognize that prior to the end of the Contractor's performance	<p><b>Included at Compliance Level:</b>            Note – Requirements/scope (and associated</p>		

SCOPE	REQUIREMENT(S)	DELIVERABLES/ COMPLETIONS	GFS/I
<p>period, a transition period will be necessary to allow a transition to a new Contractor. The Contractor agrees to work with DOE to establish an acceptable transition plan that supports the new Contractor in assuming their Contract responsibilities. DOE agrees that any requirements placed upon the incumbent Contractor to perform any transition activities should not impact funding or the Contractor's ability to earn fee.</p>	<p>cost estimates) for contract transition associated with the Mission Support Contract and end of the Contractor's performance period are not yet defined so transition planning and execution are included at the "Compliance Level."</p> <p>Provide a Mission Support Contract transition plan including schedule and cost estimate. (Associated GFS/I – Provide notification and scope definition 90 days prior to transition plan need date.)</p> <p>Manage the Mission Support Contract transition activities in accordance with the plan and schedule.</p> <p>Provide an end of contract transition plan including schedule and cost estimate. (Associated GFS/I – Provide notification and scope definition 90 days prior to transition plan need date.)</p> <p>Manage the end of contract transition activities in accordance with the plan and schedule.</p>		

## C.6 Other Contractors

The Contractor may provide services to, and receive services from, other prime contractors by Memoranda of Agreement (MOA). An MOA is used to establish a solid framework for providing work between prime contractors to clarify the responsibilities and processes, and to create consistency among the parties. The MOA will include standard definitions, work request elements, generalized decision analysis, and a rigorous dispute-resolution process. The use of an MOA, and/or the use of any term contained within, does not create a subcontractor or supplier relationship.

Those services, equipment or supplies that the contractor chooses to use or those DOE directs the contractor to use, shall be costed and reimbursed under the terms of this Contract.

When services between prime contractors are offered and accepted, DOE does not expect the requesting prime contractor to review or otherwise validate top-level crosscutting quality control, health, safety and/or environmental protection requirements mandated by the performing contractor's contract. The requesting prime contractor may assume that such contract requirements (e.g., Integrated Safety Management System, Quality Program/Plan) are acceptable to DOE.

However, the contractor requesting services is responsible for oversight of requirements related to the specific work task(s) to ensure that the performing contractor delivers a product or service that will meet the requirements of the requesting contractor. When ordering products or services from a prime contractor source, the requesting contractor can use and rely on existing information from DOE or the performing prime contractor to develop and implement oversight protocols, using a graded approach, that are appropriate to the relevant task. The performing contractor shall be expected by DOE and the requesting Contractor to provide products or services in a manner that is consistent with the requirements of the performing prime contractor's contract, including quality assurance, health and safety and environmental compliance requirements, and the task instructions provided by the requesting contractor. Potential conflicts, questions, and/or issues that may be unclear or otherwise confusing should be discussed and resolved by both parties in advance.

The requesting prime contractor is obligated to provide sufficient specifications, requirements, hazard information and unique quality, technical, safety and environmental requirements for the work to be performed. The performing prime contractor is expected to seek clarification of requirements that conflict with, or are greater than, its own baseline requirements.

The requesting prime contractor shall notify the performing prime contractor of issues regarding the services provided by the performing prime contractor, including issues relative to delivery of specific services or the quality of the specific services provided. The prime contractors should work together to resolve these issues promptly. DOE should be promptly notified if the issue remains unresolved. For outstanding issue resolution, DOE senior management should involve the contractor principals, or designees, to quickly provide resolution.

The performing prime contractor should operate in accordance with the requirements of its prime contract, including but not limited to, requirements associated with environmental compliance, safety, health, and quality, in executing the specific activities identified by the requesting prime contractor as well as meeting any specific requirements identified and required by the requesting prime contractor. If meeting the requested requirements would be inconsistent with the performing prime contractor's contract with DOE, then the conflict should be brought to the attention of DOE and resolution developed prior to performance of the work.

### **Costs for Packaging/Processing SNF**

Costs for the packaging, shipment, and receipt of the SNF to the CSB/ISA is not included in this workscope but is the responsibility of the other contractors who are planning/requesting shipments to the CSB/ISA. Costs for processing any changes beyond the approved operating envelope shall be the responsibility of the requesting contractor. This cost includes, but is not limited to, processing changes to the authorization bases/envelopes, permits.

Also, costs for processing exemptions/exceptions to the SNFAC are the responsibility of the contractor requesting the exemptions/exceptions. This cost includes, but is not limited to, processing changes to the authorization bases/envelopes, permits.

### **C.6.1 Advanced Technologies and Laboratories International, Inc. (ATL)**

Advanced Technologies and Laboratories International, Inc. (ATL), under a separate prime contract to ORP, is responsible for providing analysis of highly radioactive samples in support of PHMC Projects. These services will be performed in the 222-S Laboratory Complex located in the 200 Area of Hanford.

ATL is responsible for the following: receiving samples, which are potentially highly radioactive; preparing samples, which are potentially highly radioactive for analysis; recording and tracking all samples and related waste materials; performing chemical and radionuclide analyses using necessary quality control and quality assurance; reporting the results and archive sample remainders as required by the customer; and providing Standards Laboratory services for the Hanford Site.

### **C.6.2 AdvanceMed Hanford (AMH)**

AdvanceMed Hanford (AMH), under a separate prime contract to RL manages the Site Occupational Medical Contract to provide occupational health services through health risk management and occupational health services to personnel at Hanford. Through these services, AMH strives to maximize the health and safety of Hanford personnel while minimizing personal and occupational health risks. AMH has the lead to coordinate Health Risk Management program teams with the Site in identifying and analyzing the hazards that Hanford personnel face in the work environment and brings an awareness of health and safety issues to DOE, Hanford Site contractors, and others as designated in writing by the Contracting Officer or designee.

AMH provides the following, but is not limited to these types of services: medical monitoring and qualification examinations, including the controlled substances/alcohol testing program (mandatory use); diagnosis and treatment of occupational injury or illness; monitored care; legacy health issues; employee counseling and health promotion; occupational health process improvement; human reliability testing; records management; emergency and disaster preparedness; health care cost management; field/facility visits; case management; records and data extraction; other occupational medical services; reporting; and supporting transition.

### **C.6.3 Battelle Memorial Institute (BMI)**

Battelle Memorial Institute (BMI), under a separate prime contract to DOE, operates the Pacific Northwest National Laboratory (PNNL). PNNL is one of five Office of Science multi-program laboratories that conduct research and development activities. Some of the programs conducted at PNNL are part of the Office of Science laboratory system and require no integration with Hanford's Environmental Management (EM) programs; however, many of the research and technology development programs have direct relevance to the Hanford cleanup mission. As applicable, the Contractor is encouraged to utilize the scientific and technical capabilities available from PNNL and work directly with PNNL to maximize the benefit to Hanford from the National research and development program.

PNNL monitors the Hanford environment to protect the public safety and the Hanford Site ecological and cultural resources. This includes providing real-time localized weather information for routine safety operations and emergency response, performing Hanford Site and off-site environmental monitoring, and determining radiological exposure to the public and the environment.

PNNL provides the following services:

- Calibration of hand-held and small portable radiological instruments
- Coordination and control of all aviation activities on the Hanford Site. Assists in validation of Site compliance with Federal Aviation Administration rules for hazards to aviation
- Meteorological data and forecasting information
- Management of the public reading room of DOE literature
- Services related to the monitoring and assessment of employee exposure to radiation at the Site
- Management of the Technical Library located at the Richland WSU Campus.

### **C.6.4 Bechtel National, Inc. (BNI)**

Bechtel National, Inc. (BNI), under a separate prime contract to ORP, is responsible for designing, constructing, and commissioning the Waste Treatment and Immobilization Plant (WTP). The WTP will treat the tank wastes being managed by CH2M HILL Hanford Group, Inc.

### **C.6.5 CH2M HILL Hanford Group, Inc. (CH2M HILL)**

CH2M HILL Hanford Group (CH2M HILL), under a separate prime contract to ORP, is responsible for managing the Hanford Site Tank Farms. CH2M HILL is responsible for safely managing and retrieving for disposal the radioactive waste stored in 177 underground tanks and related facilities.

CH2M HILL also provides, as a variable service, testing of ventilation and filters, and ventilation balance to maintain established flows and pressures on systems. Specifics include ventilation stack flow testing, fume hood flow testing, high efficiency particulate air (HEPA) filter vacuum testing/certification and HEPA filter efficiency testing.

### **C.6.6 Confederated Tribes of the Umatilla Indian Reservation (CTUIR)**

The Confederated Tribes of the Umatilla Indian Reservation (CTUIR), under a separate Cooperative Agreement with RL, and their subcontractor WillowStick, performs geophysical data collection. The primary objective of the work, WillowStick's AquaTrack Groundwater Mapping investigation, is to identify the preferential groundwater flow paths under the 100-N Areas of the Hanford Site. The final product deliverable will be a plan-view conceptual model of the groundwater preferential flow paths.

### **C.6.7 Johnson Controls, Inc. (JCI)**

Johnson Controls, Incorporated (JCI), under a separate prime contract, is responsible for the Energy Savings Performance Contract, which currently includes steam service to support heating and other operations at the Site and air compressors for twenty 300 Area facilities. JCI can also propose additional energy conservation measures. These may include, but are not limited to, lighting system upgrades; pumping system upgrades; automation; heating, ventilation, and air conditioning upgrade; and addition of utility monitoring and control systems.

### **C.6.8 Washington Closure Hanford (WCH)**

Washington Closure Hanford (WCH), under separate prime contract to RL, is responsible for performing River Corridor (RC) closure activities in four major geographic areas: 100, 300, 400, and 600 Areas. RC closure includes completion of all activities required to: deactivate, decontaminate, decommission, and demolish excess facilities; place former production reactors in an interim safe and stable condition; remediate waste sites and burial grounds; meet regulatory requirements; and transition to long-term stewardship in the 100, 300, 400, and 600 Areas.

RC closure includes the following 11 major activities: 1) Transition, 2) Remediation Design, 3) Regulatory and Supporting Documentation, 4) Deactivate, Decontaminate, Decommission, and Demolish (D4) Facilities, 5) Reactor Interim Safe Storage, 6) Field Remediation, 7) Waste Operations, 8) Operate and Close Utility Systems, 9) Surveillance and Maintenance, 10) Miscellaneous Restoration, and 11) Final Closure and Stewardship.

### **C.6.9 Vista Engineering Technologies, LLC (Vista Engineering)**

Vista Engineering Technologies, LLC, under a separate prime contract with RL, is responsible for carbon tetrachloride source term location in the 200 West Area of the Hanford Site. Vista Engineering will select and deploy innovative, yet reliable, technologies for characterizing and quantifying the remaining carbon tetrachloride as dense nonaqueous phase liquid (DNAPL) in the subsurface. The data obtained from this work will be a major element in the decision matrix for selecting the final remedial solution for carbon tetrachloride contamination at Hanford.

## C.7 Abbreviations and Acronyms

ALE	(Fitzner Eberhardt) Arid Lands Ecology (Reserve)
AMH	AdvanceMed Hanford
AOP	Air Operating Permit
AR	Administrative Record
ATL	Advanced Technologies and Laboratories International, Inc.
BCRs	Baseline Change Requests
B&R	Budget and Reporting Numbers
BNI	Bechtel National, Inc.
BMI	Battelle Memorial Institute
BPA	Bonneville Power Administration
CAS	Condition Assessment Survey
CCRC	Centralized Consolidated Recycling Center
CDI	Canyon Disposition Initiative
CERCLA	<i>Comprehensive Environmental Response, Compensation, and Liability Act of 1980</i>
CFR	Code of Federal Regulations
CH2M HILL	CH2M HILL Hanford Group, Inc.
CH-TRU	Contact Handled-Transuranic Waste
CH-TRUM	Contact Handled-Transuranic Mixed Waste
CPOF	Conditional Payment of Fee
CRD	Contractor Requirements Document
CSB	Canister Storage Building
CTUIR	Confederated Tribes of the Umatilla Indian Reservation
CVDF	Cold Vacuum Drying Facility
CVP	Cleanup Verification Package
CY	Calendar Year
CWC	Central Waste Complex
D4	Deactivation, Decontamination, Decommissioning, and Demolishing
D&D	Decontamination and Decommissioning
DEAR	Department of Energy Acquisition Regulations
DNAPL	Dense Nonaqueous Phase Liquid
DNFSB	Defense Nuclear Facilities Safety Board
DOD	U.S. Department of Defense
DQO	Data Quality Objective

DOE	U.S. Department of Energy
DOECAP	U.S. Department of Energy Consolidated Audit Program
DSA	Documented Safety Analysis
EDA	Economic Development Administration
EE/CA	Engineering Evaluation/Cost Analysis
EEO	Equal Employment Opportunity
EIS	Environmental Impact Statement
EM	U.S. Department of Energy, Office of Environmental Management
EMP	Environmental Monitoring Plan
EMS	Energy Management System
EOC	Emergency Operations Center
EP	Emergency Preparedness
EPCRA	<i>Emergency Planning and Community Right-to-Know Act of 1986</i>
ERDF	Environmental Restoration Disposal Facility
ESH&Q	Environment, Safety, Health & Quality Assurance
ETF	Effluent Treatment Facility
ERA	Expedited Response Action
FAR	Federal Acquisition Regulations
FAST	Federal Automotive Statistical Tool
FEMP	Federal Energy Management Program
FFTF	Fast Flux Test Facility
FIMS	Facility Information Management System
FSAR	Final Safety Analysis Report
FTE	Full-time Equivalent
FY	Fiscal Year
GFS/I	Government-Furnished Services or Information
GSA	General Services Administration
HAMMER	Hazardous Materials Management and Emergency Response Training and Education Center
HASQARD	Hanford Analytical Services Quality Assurance Requirements Document
HEIS	Hanford Environmental Information System
HISI	Hanford Information System Inventory
HLAN	Hanford Local Area Network
HLV	High-Level Vault
HLW	High-Level Waste
HRR	High-Resolution Resistivity
IAEA	International Atomic Energy Agency

IHLW	Immobilized High-Level Waste
INL	Idaho National Laboratory
IRC	Internal Revenue Code
ISA	Interim Storage Area
ISC	Interim Storage Cask
ISM	Integrated Safety Management
JCP	Joint Committee on Printing
JIC	Joint Information Center
JCI	Johnson Controls, Inc.
KE	100 K East
KW	100 K West
LAMPRE	Los Alamos Molten Plutonium Reactor Experiment
LERF	Liquid Effluent Retention Facility
LESTC	Law Enforcement and Security Training Center
LLBG	Low-Level Waste Burial Grounds
LLNL	Lawrence Livermore National Laboratory
LLV	Low-Level Vault
LLW	Low-Level Waste
LTL	Less-than-truckload-lot
LTS	Long-Term Stewardship
LWR	Light-Water Reactor
M&TE	Measuring and Test Equipment
MAA	Material Access Area
MARS	Management & Reporting System
MBA	Material Balance Area
MCL	Maximum Contamination Level
MCO	Multi-Canister Overpack
MGR	Monitored Geologic Repository
MLLW	Mixed Low-Level Waste
MOA	Memorandum of Agreement
MSIN	Mail Stop Identification Number
MWDT	Mixed Waste Disposal Trenches
NDE/NDA	Nondestructive Examination/Nondestructive Analysis
NEPA	<i>National Environmental Policy Act of 1969</i>
NF	Nuclear Fuel
NHPA	<i>National Historic Preservation Act of 1966</i>

NM	Nuclear material
NMMSS	Nuclear Materials Management and Safeguards System
NPDES	National Pollution Discharge Elimination System
NOC	Network Operations Center
NOC	Notice of Construction
NPL	National Priorities List
NTIA	National Telecommunications and Information Administration
OMB	U.S. Office of Management and Budget
ORP	U.S. Department of Energy, Office of River Protection
ORR	Operational Readiness Review
OSHA	U.S. Occupational Safety and Health Administration
OST	Office of Science and Technology
OSTL	Office of Scientific and Technical Information
PAAA	<i>Price Anderson Amendment Act of 1988</i>
PARS	Project Assessment & Reporting System
PBS	Project Baseline Summary
PC	Personal Computer
PCB	Polychlorinated Biphenyl
PCES	Project Controls and Estimating Systems
PCSR+	Personnel Security Clearance Reports Plus
PUREX	Plutonium-Uranium Extraction Facility
PFP	Plutonium Finishing Plant
PHMC	Project Hanford Management Contract
PIR	Public Information Repositories
PNNL	Pacific Northwest National Laboratory
PNSO	U.S. Department of Energy, Pacific Northwest Site Office
PTE	Potential to Emit
QAPD	Quality Assurance Program Description
REDOX	Reduction Oxidation (S Plant) Facility
RC	River Corridor
RCCC	River Corridor Closure Contract
RCRA	<i>Resource Conservation and Recovery Act of 1976</i>
RCW	Revised Code of Washington
RD/RA	Remedial Decision/Remedial Action
REC	Radiochemical Engineering Cells
RES	Refrigerated Equipment Services

RI/FS	Remedial Investigation/Feasibility Study
RFS	Request for Services
RINM	Reactor Irradiated Nuclear Material
RL	U.S. Department of Energy, Richland Operations Office
ROD	Record of Decision
RPP	River Protection Project
RSW	Retrievably stored waste
RTD	Remove, treat and dispose
S&M	Surveillance and Maintenance
SAC	System Assessment Capability
SAFKEG	Safekeg, radioactive materials packaging
SALDS	State Authorized Liquid Discharge System
SAMS	Sunflower Asset Management System
SARP	Safety Analysis Report for Packaging
SAS	Safeguards and Security
SEPA	<i>State Environmental Policy Act of 1971</i>
SNF	Spent Nuclear Fuel
SNFAC	SNF Acceptance Criteria
SNM	Special Nuclear Material
SRS	Savannah River Site
SSAS	Subsurface Absorption Systems
SSF	Sodium Storage Facility
SSSP	Site Safeguards and Security Plan
SST	Single-Shell Tank
STARS	Standard Accounting and Reporting System
SWITS	Solid Waste Information Tracking System
T&D	Transportation and Distribution
TARC	Tri-Cities Asset Reinvestment Company, LLC
TEDF	Treated Effluent Disposal Facility
TID	Tamper Indicating Devices
TL	Truckload
TPA	Tri-Party Agreement, officially known as the <i>Hanford Federal Facility Agreement and Consent Order</i>
TRAMPAC	TRUPACT II Authorized Methods for Payload Control
TRIGA	Training, Research, Isotopes, General Atomics
TRU	Transuranic
TRUM	Transuranic Mixed Waste

TRUPACT	Transuranic Package Transporter
TSR	Technical Safety Requirement
TSD	Treatment, Storage, and Disposal
Vista Engineering	Vista Engineering Technologies, LLC
WAC	Washington Administrative Code
WCH	Washington Closure Hanford
WESF	Waste Encapsulation and Storage Facility
WIPP	Waste Isolation Pilot Plant
WRAP	Waste Receiving and Processing Facility
WSCF	Waste Sampling and Characterization Facility
WTP	Waste Treatment and Immobilization Plant