Attachment J-3

Hanford Site Services and Interface Requirements Matrix

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Introduction

Attachment J-3 provides two-enclosed *Hanford Site Services and Interface Requirements Matrices* (herein referred as the J-3.a *Matrix* and J-3.b *Matrix*) to identify the site services and interface requirements among DOE and its contractors. The matrices define the service provider and the associated, general interface obligations by those receiving the services, and are executed in a manner consistent with Section C, entitled *Interface Management*.

The J-3.a *Matrix* is applicable to the current Hanford Site Contracts: Mission Support Contract (DE-AC06-09RL14728), Plateau Remediation Contract (DE-AC06-08RL14788), Occupational Health Services Contract (DEEM0002043), Tank Operations Contract (DE-AC27-08RV14800), 222-S Laboratory (DE-EM0003722), and Waste Treatment Plant Construction Contract (DE-AC27-01RV14136).

The J-3.b *Matrix* is applicable to the new Hanford Site Contracts being awarded for the Hanford Mission Essential Services Contract (HMESC), Tank Waste Cleanup Contract (TWCC), Hanford Occupational Medical Services (OccMed), Central Plateau Cleanup Contract (CPCC), and 222-S Laboratory Contract (222-S Lab).

Due to the sequencing of upcoming Hanford Site Acquisitions, the applicability of both matrices will vary depending on when the new Hanford Site Contracts are awarded. Use the appropriate J-3 Matrix as directed by the CO.

To assist in the transition of services from J-3.a *Matrix* to the J-3.b *Matrix* a crosswalk is provided below.

J-3. Crosswalk

J-3.a Service Number	J-3.a Interface Title	J-3.b Service Number	J-3.b Interface Title
N/A	N/A	1	Hanford Site Integration
1	Infrastructure and Services Alignment Plan (ISAP), and the Annual Forecast of Services and Infrastructure (including the *Hanford Site Services and Interface Requirements Matrix*)	2	Infrastructure and Services Alignment Plan (ISAP)
2	Hanford Site Interface Management Plan	3	Hanford Site Interface Management Plan
70	Hanford Portfolio Planning, Analysis & Performance Assessment (Integrated Hanford Live-Cycle Clean-up Plan: [Hanford] Programmatic Risk Management Plan: P6 schedules, and State of the Site Briefing)	4	Portfolio Analysis
N/A	N/A	5	Requirements Management
N/A	N/A	6	Contractor Assurance System (CAS)
41	Electrical Transmission, Distribution, & Energy Management	7	Electrical Transmission, Distribution, & Energy Management
42	Water Systems	8	Water Systems
43	Sewer Systems	9	Sewer Systems
44	Sanitary Waste Management and Disposal	10	Sanitary Waste Management & Disposal
40	Roads & Grounds	11	Roads and Grounds
39	Railroad Services	12	Railroad Systems
37	Motor Carrier Services	13	Motor Carrier Services
38	Fleet Services	14	Fleet Services
35	Crane and Rigging	15	Crane and Rigging
3	Protective Forces	16	Protective Forces
4	Physical Security (PSS) Systems (Nuclear Material, Special Nuclear Material, and Classified Matter)	17	Physical Security Systems (Nuclear Material, Special Nuclear Material, and Classified Matter)
5	Physical Security Systems (Government Property)	18	Physical Security Systems (Government Property)
9	Physical Security – Badging	19	Physical Security – Badging
6	Information Security - Operations Security (OPSEC)	20	Information Security - Operations Security (OPSEC)

J-3. Crosswalk

J-3.a Service Number	J-3.a Interface Title	J-3.b Service Number	J-3.b Interface Title
7	Information Security - Classified Matter Protection and Control (CMPC); Classification, Declassification and UCNI Program	21	Information Security - Classified Matter Protection and Control (CMPC); Classification, Declassification, and UCNI Program
8	Information Security - Official Use Only (OUO)	22	Information Security – Controlled Unclassified Information (CUI)
10	Personnel Security – Access Authorization (Security Clearance) Processing Program	23	Personnel Security – Access Authorization (Security Clearance) Processing Program
11	Personnel Security – Human Reliability Program (HRP)	24	Personnel Security – Human Reliability Program (HRP)
13	Personnel Security – Foreign National Visits and Assignments (FNVA)	25	Personnel Security – Foreign National Visits and Assignments (FNVA)
15	Nuclear Material Controls and Accountability (MC&A)	26	Nuclear Material Controls and Accountability (MC&A)
17	SAS Program Management	27	Safeguards and Security (SAS) Program Management
16	SAS Program Management - Safeguards and Security (SAS) Awareness	28	Safeguards and Security (SAS) Awareness
19	Fire & Emergency Response Services (Fire Prevention, Fire Suppression, Fire investigations: Emergency Rescue; Emergency Medical Service and Patient Transport; Incident Command; and Hazardous Material and Chemical/Biological/Radiological Emergency Response)	29	Fire & Emergency Response Services
20	Fire & Emergency Response Services (Fire Protection System and Respiratory Protection Inspection, Testing, and Maintenance)	30	Respiratory Protection Inspection, Testing, and Maintenance; and Fire System Inspection, Testing and Maintenance
21	Emergency Operations (Centralized Hanford Site Emergency Preparedness Program)	31	Emergency Operations (Centralized Hanford Site Emergency Preparedness Program)
22	Emergency Operations (Event Reporting; and Emergency Operations Center Shift Office)	32	Emergency Operations (Event Reporting; and Emergency Operations Center Shift Office)
24	Radiological Assistance Program (RAP)	33	Radiological Assistance Program (RAP)
18	Site Training Services and HAMMER	34	Site Training Services and HAMMER

J-3. Crosswalk

J-3.a Service Number	J-3.a Interface Title	J-3.b Service Number	J-3.b Interface Title
12	Workplace Substance Abuse Programs (WSAP)	35	Workplace Substance Abuse Programs (WSAP)
52	Hanford Site Pension Plan (HSPP) Hanford Site Savings Plan (HSSP) Hanford Employee Welfare Trust (HEWT)	36	Hanford Site Pension Plan (HSPP) Hanford Site Savings Plan (HSSP) Hanford Employee Welfare Trust (HEWT)
25	Environmental Regulatory Management (Site-wide permits, permit applications, and reports; Site-wide NEPA documents; Site-wide environmental reports; Site-wide (environmental) Quality Assurance Standards; allocation of permit limits)	37	NEPA Planning and Program Support
		38	Environmental Compliance Support Program
29	Environmental Surveillance	39	Environmental Monitoring
30	Ecological Monitoring and Compliance – Site Wide	40	Ecological Monitoring and Compliance – Site Wide
34	Biological Controls	41	Biological Controls
25	Environmental Regulatory Management (Site-wide permits, permit applications, and reports; Site-wide NEPA documents; Site-wide environmental reports; Site-wide (environmental) Quality Assurance Standards; allocation of permit limits)	42	RCRA Permits and Compliance
		43	Environmental Regulatory Management (Sitewide EMS and Site Sustainability Program Plan)
		44	Environmental Mitigation Strategy Planning and Implementation
		45	Environmental Permits and Compliance
23	Site Safety Standards (Common Safety Processes)	46	Site Safety Standards (Common Safety Processes)
28	Meteorological and Climatological Services	47	Meteorological and Climatological Services
26	Seismic Monitoring Services	48	Seismic Monitoring Services
32	Radiological Site Services (RSS)	49	Radiological Site Services (RSS)
60	Strategic Planning & Program Management	50	IT Strategic Planning, Governance, Enterprise Architecture, and Program Management
N/A	N/A	51	Business Management Systems
50	Geospatial Information Management	52	Geospatial Information Management
14	Cyber Security – Classified and Unclassified Cyber Security	53	Cyber Security – Classified and Unclassified Cyber Security

J-3. Crosswalk

J-3.a Service Number	J-3.a Interface Title	J-3.b Service Number	J-3.b Interface Title
65	Network Services	54	Network Services
63	Radio Services for Crafts	55	Radio Services
64	Radio Services for Emergency Services		
62	Pager Services	56	Pager Services
61	Telephone Services	57	Telephone Services
66	Information Systems	58	Information Systems
67	Federal Records Inventory and Schedule Management	59	Federal Records Inventory and Schedule Management
68	Major Collection Management	60	Major Collection Management
69	Long-Term Records Storage	61	Long-Term Records Storage
57	Multi-media Services	62	Multi-Media Services
59	Site Forms Management	63	Site Forms Management
51	Property Systems/Acquisition & Materials Management	64	Personal Property Management Program
53	External Affairs	65	External Affairs
54	External Reviews	66	External Reviews
55	Courier Services	67	Courier Services
58	Mail Services	68	Mail Services
56	Reproduction Services	69	Reproduction Services
N/A	N/A	70	General Purpose Facility Planning and Management
36	Facility Services	71	Facility Services
49	Condition Assessment Surveys (CAS)	72	Condition Assessment Surveys
47	Facility Information Management System (FIMS)	73	Facility Information Management System (FIMS)
N/A	N/A	74	Locksmith Services
45	Land-Use Planning and Management	75	Land-Use Planning and Management
N/A	N/A	76	Borrow Pit Management
48	Hanford Site Structures List and Hanford Waste Site Assignment List	77	Hanford Structure Responsibility Assignment Matrix (HSRAM) and Hanford Waste Site Responsibility Assignment Matrix (HWSRAM)

J-3. Crosswalk

J-3.a Service Number	J-3.a Interface Title	J-3.b Service Number	J-3.b Interface Title
46	Long-term Stewardship	78	Post Cleanup Surveillance and Maintenance
31	Cultural and Historic Resource Program	79	Cultural and Historic Resource Program
N/A	N/A	80	Procedure Management System
74	Low Level Waste (LLW) and Mixed Low Level Waste (MLLW) Treatment, Storage, and Disposal	81	Low Level Waste (LLW) and Mixed Low Level Waste (MLLW) Treatment, Storage, and Disposal
96	Waste Disposal - CERCLA remediation Low Level (LLW) and Contact-handled and Remote-handled (CH/RH) Mixed Low Level (MLLW)	82	Waste Disposal – CERCLA/RCRA Remediation Waste including Low Level Waste (LLW) and Contact-handled and Remote-handled (CH/RH) Mixed Low Level Waste (MLLW)
78	Immobilized low activity waste (ILAW) Disposal	83	Immobilized Low Activity Waste (ILAW) Disposal
75	Transuranic (TRU) and Transuranic Mixed Waste (TRUM) Packaging, Characterization, Certification, and Transportation	84	Transuranic (TRU) and Transuranic Mixed Waste (TRUM) Packaging, Characterization, Certification, and Transportation
79	Groundwater/Vadose Zone Integration	85	Groundwater/Vadose Zone Integration
81	Hanford Site Well Drilling and Decommissioning	86	Hanford Site Well Drilling and Decommissioning Planning
97	Hanford Sitewide Transportation Safety Document	87	Hanford Sitewide Transportation Safety Document
73	Waste forecast system - Solid Waste Information and Tracking System (SWITS) and Solid Waste Integrated Forecast Technical Database (SWIFT)	88	Waste Forecast System - Solid Waste Information and Tracking System (SWITS) and Solid Waste Integrated Forecast Technical Database (SWIFT)
80	Hanford Environmental Data Integration	89	Hanford Environmental Data Integration
84	Vent and Balance	90	Vent and Balance
95	Steam Services	91	Steam Services
76	Industrial and Radioactive Liquid Effluents Treatment and Disposal and Industrial Liquid Effluents Retention and Transfer	92	200 Area Industrial and Radioactive Liquid Effluents Treatment and Disposal and Industrial Liquid Effluents Retention and Transfer
88	WTP Support	93	WTP Support
86	Analytical Integrated Planning *(222-S Laboratory Complex)*	94	Integrated Analytical Planning

J-3. Crosswalk

J-3.a Service Number	J-3.a Interface Title	J-3.b Service Number	J-3.b Interface Title
94	Sample Analysis *(highly radioactive)*	95	Highly Radioactive Sample Analytical Services
N/A	N/A	96	Sample Analytical Services
92	Personnel Security Services	97	Personnel Security Services
90	Laundry Service	98	Laundry Services
91	Occupational Medicine Service	99	Occupational Medicine Services
89	Janitorial Services	100	Janitorial Services
27	Hanford Environmental Oversight (HEO)	N/A	N/A
33	**Discontinued** Analytical Services (Chemical and Low-Level Radiological Analysis)	N/A	N/A
71	Project Acquisition and Support	N/A	N/A
72	Independent Assessment and Analysis	N/A	N/A
77	Immobilized High Level Waste (IHLW) Interim Storage	N/A	N/A
82	**Discontinued** Special Nuclear Fuel (SNF) Fragments Transportation	N/A	N/A
83	Tank Farm Projects Double Shell Tank (DST) System Management	N/A	N/A
85	Analytical Laboratory Support *(Landlord Services for 222-S Laboratory Complex)*	N/A	N/A
87	Tank Closure and Waste Management Environmental Impact Statement (EIS) and Record of Decision (ROD)	N/A	N/A
93	Research, development, and demonstration	N/A	N/A

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Attachment J-3.a

HANFORD SITE SERVICES AND INTERFACE REQUIREMENTS MATRIX

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ATTACHMENT J.3

HANFORD SITE SERVICES AND INTERFACE REQUIREMENTS MATRIX

Services listed in the Hanford Site Services and Interface Requirements Matrix (Matrix) shall be performed in accordance with the Section H Clause entitled, Hanford Site Services and Interface Requirements Matrix.

All services are provided during the Hanford alternate work schedule (AWS) defined as 7:00 a.m. to 4:30 p.m. Monday through Thursday and 7:00 a.m. to 3:30 p.m. on standard Site Fridays unless otherwise noted. An additional AWS is defined as 6:00 a.m. to 4:30 p.m. Monday through Thursday (4x10 schedule) to align with the other Hanford Site contractors work schedule. Hanford Site contractors can request work outside of this schedule by providing a statement of work and requesting that scope as a usage-based service.

Legend for Matrix – The legend for the primary matrix users/providers is as follows:

MSC Mission Support Contract

***PRC** Plateau Remediation Contract

TOC Tank Operations Contract

WTP Waste Treatment and Immobilization Plant Contract

RCCC River Corridor Closure Contract (in contract closeout effective October 1, 2016)

Other Site Users Examples include: Occupational Health Services Contractor (OHSC), Laboratory Analysis and Testing Services Contractor (LA&TS), Energy Savings Performance Contractor (ESPC), Pacific Northwest National Laboratory (PNNL) [activities located on the Hanford Site], Laundry Services Contractor, DOE, etc.
Hanford Site Contractors General term used to collectively refer to all the above users/providers.

*Under contract direction, PRC transitioned specific RCCC work scopes between April 25 and August 29, 2016.

Types of Interfaces –

1. Information: knowledge (data, facts, etc.) gathered or supplied
2. Physical: systems in tangible contact (i.e., 'pipe-to-pipe'), or a physical exchange of product or materials
3. Service: provision of work for another contractor

MSC SERVICES AND INTERFACE ACTIVITIES

MSC General Requirements

Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
1	**Infrastructure and Services Alignment Plan (ISAP), and the Annual Forecast of Services and Infrastructure (including the *Hanford Site Services and Interface Requirements Matrix)***	Information	Direct-Funded	Interface	Receive input from site contractors	Deliver input to MSC	Deliver input to MSC	Deliver input to MSC	Deliver input to MSC	Deliver input to MSC

Scope/Cost Allocation

Service Description

ISAP is the strategic plan for right-sizing the infrastructure to support the future Hanford Site mission and the Annual Forecast of Services and Infrastructure is a projection of needed utilities, services, and infrastructure from other Hanford Site contractors.

- MSC shall develop, maintain and update an ISAP and the Annual Forecast of Services and Infrastructure, which includes the costs for services. Proposed changes in service providers shall include a justification, and a plan forward.
- MSC shall solicit input from Hanford Site contractors/users for the ISAP and the Annual Forecast of Services and Infrastructure, including projection of need for services and proposed performance metrics/controlling agreements for the service provider.
- DOE will evaluate contractor/user input prior to approval. The plan will be approved by DOE.

Usage-Based Services

N/A

Direct-Funded Services

MSC bears the cost burden of program administration. Hanford Site contractors/users bear internal implementation costs.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
2	**Hanford Site Interface Management Plan**	Information	Direct-Funded	Interface	Receive input from site contractors	Deliver input to MSC	Deliver input to MSC	Deliver input to MSC	Deliver input to MSC	Deliver input to MSC

Scope/Cost Allocation

Service Description

Hanford Site Interface Management Plan is the controlling agreements that ensure effective control of technical, administrative, and regulatory interfaces.

- MSC shall develop and maintain the Hanford Site Interface Management Plan.
- MSC shall collaborate with the Hanford Site contractors/users on the Hanford Site Interface Management Plan.
- PRC, TOC, and MSC shall sign the Hanford Site Interface Management Plan.

Usage-Based Services

N/A

Direct-Funded Services

MSC bears the cost burden of program administration. Hanford Site contractors/users bear internal implementation costs.

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Safety, Security and Environment										
Interface Number	**Interface Title**	**Interface Type**	**Cost Type**	**Service Type**	**MSC**	**PRC**	**TOC**	**WTP**	**RCCC**	**Other Contracts**
3	**Protective Forces**	Information / Service	Direct-Funded	Mandatory	**Provide service to site contractors**	Receive service from and provide input to MSC	Receive service from and provide input to MSC	N/A	Receive service from and provide input to MSC	Receive service from and provide input to MSC

Scope/Cost Allocation

Service Description

Protective Forces provides security for facilities possessing critical Safeguards and Security interests (e.g., special nuclear material). Coverage is provided 24/7 via the Hanford Patrol.

- MSC shall provide Protective Force operations.
- Hanford Patrol shall provide random and special searches as required.
- Hanford Patrol shall provide Protective Force services for WTP facilities when turned over to TOC.

Usage-Based Services

N/A

Direct-Funded Services

Funded through MSC; provided at no cost to Hanford Site contractors. Hanford Site contractors shall provide facility, operational, and system configuration changes that may affect Protective Force operations.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
4	**Physical Security (PSS) Systems (Nuclear Material, Special Nuclear Material, and Classified Matter)**	Information / Service	Direct-Funded	Mandatory	**Provide service to site contractors**	Receive service from and provide input to MSC	Receive service from and provide input to MSC	N/A	Receive service from and provide input to MSC	Receive service from and provide input to MSC

Scope/Cost Allocation

Service Description

Physical Security under this activity is for accountable quantities of nuclear and classified materials, including performance testing, intrusion detection, entry/access control, explosive detection, locksmith services, and engineering and maintenance of the physical security and access control systems.

- MSC shall provide Security Representatives for facilities or groups of facilities where there are important safeguards and security (SAS) assets.
- MSC shall develop, or assist in the development of facility asset protection requirements and conduct annual reviews of Asset Protection Agreements.
- MSC shall design security system upgrades for existing facilities with changing requirements and design security systems for new facilities.
- MSC shall provide locksmith support for installation, replacement, and maintenance of locks, keys, and access control systems for the protections of Government property and nuclear materials, including special nuclear materials, classified matter, new facilities and WTP turnover facilities to TOC, etc.
- Hanford Site contractors shall provide the MSC information about SAS arrangements and/or changes prior to new operations commencing, or changing operations or configurations that might alter the performance of existing SAS systems; support the MSC in the development of or update of facility Asset Protection Agreements, and requesting locksmith services.

Usage-Based Services

N/A

Direct-Funded Services

Funded through the MSC; provided at no cost to Hanford Site contractors with the exception of physical security upgrades within the facility - these may be shared costs between the MSC and the Hanford Site contractor that has responsibility for the facility.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
5	**Physical Security Systems (Government Property)**	Information / Service	Direct-Funded	Mandatory	**Provide service to site contractors**	Receive service from and provide input to MSC	Receive service from and provide input to MSC	N/A	Receive service from and provide input to MSC	Receive service from and provide input to MSC. N/A PNNL

Scope/Cost Allocation

Service Description

Physical security under this activity is for Government property other than nuclear material, special nuclear material, and classified. Physical Security such as fences, locks, etc. through Asset Protection Agreements.

- MSC shall develop, or assist in the development of facility asset protection requirements and conduct annual reviews of Asset Protection Agreements.
- Hanford Site contractors shall support the MSC in the development of or update of facility Asset Protection Agreements and implement those agreements.
- MSC shall provide Technical and Engineering Security services as required for the design and/or turnover of new facilities.

Usage-Based Services

N/A

Direct-Funded Services

MSC bears the cost burden of program administration; Hanford Site contractors bear costs of physical security upgrades. If used by PNNL off Hanford Site, they pay full-cost.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
6	**Information Security - (Operations Security (OPSEC)**	Information / Service	Direct-Funded	Mandatory	**Provide service to site contractors**	Receive service from and provide input to MSC	Receive service from and provide input to MSC	N/A	Receive service from and provide input to MSC	Receive service from and provide input to MSC (only DOE)

Scope/Cost Allocation

Service Description

The OPSEC Program helps ensure that sensitive information is protected from compromise and secured from unauthorized disclosure, and provides management with necessary information required for sound risk management decisions concerning the protection of sensitive information.

- MSC shall implement a Hanford Site-wide program; assure conformity of implementation with OPSEC standards and requirements; conduct assessment(s) of all Hanford Site facilities having Category I special nuclear material (SNM) (or credible roll-up to Category I SNM); conduct reviews of all Hanford Site facilities that have the potential to process or store classified or sensitive information; and annually review and update the Critical Information List.
- Hanford Site contractors shall implement their internal OPSEC responsibilities, participate and support Hanford Site-wide OPSEC Working and Awareness groups; provide support to the MSC OPSEC assessments; and support the annual review and update of the Critical Information List.

Usage-Based Services

N/A

Direct-Funded Services

MSC bears the cost of Program administration. Hanford Site contractors/users bear internal implementation costs.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
7	**Information Security - Classified Matter Protection and Control (CMPC); Classification, Declassification and UCNI Program**	Information / Service	Direct-Funded	Mandatory	**Provide service to site contractors**	Receive service from and provide input to MSC	Receive service from and provide input to MSC	N/A	Receive service from and provide input to MSC	N/A

Scope/Cost Allocation

Service Description

The CMPC Program establishes control and accountability requirements for classified matter, marking of classified matter, reproduction, receipt and transmission, and destruction; and, physical protection requirements for classified matter in storage.

- MSC shall provide a centralized CMPC, Classification, Declassification and Unclassified Controlled Nuclear Information (UCNI) Program that includes operation and management of the Classified Document Control Center and management of classified information in the records holding area.
- MSC shall provide trained and authorized personnel to conduct inquiries for incidents of security concern, maintain the reporting database, and assist the contractor in report writing as required.
- Hanford Site contractors shall be responsible for maintaining an updated list of security containers, locations and custodians; support investigation of any incidents of potential or actual compromise of classified; and nominate a sufficient number of Derivative Classifiers and Reviewing Officials who shall be trained and approved by the MSC.

Usage-Based Services

N/A

Direct-Funded Services

MSC bears the burden of Program administration; Hanford Site contractors/users bear internal implementation costs.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
8	**Information Security - Official Use Only (OUO)**	Information / Service	Direct-Funded	Mandatory	**Provide service to site contractors**	Receive service from and provide input to MSC	Receive service from and provide input to MSC	N/A	Receive service from and provide input to MSC	N/A

Scope/Cost Allocation

Service Description

The OUO Program establishes controls to protect sensitive unclassified information as OUO.

- MSC shall manage, integrate, and oversee implementation of a common Hanford Site-wide OUO program to ensure conformity of implementation by performing Hanford Site contractors and coordination of OUO education and awareness.
- Hanford Site contractors shall manage and implement an OUO information program consistent with the common Hanford Site-wide OUO information program.

Usage-Based Services

N/A

Direct-Funded Services

MSC bears the cost of Program administration; Hanford Site contractors /users bear internal implementation costs.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
9	**Personnel Security – Badging**	Service	Direct-Funded	Mandatory	**Provide service to site contractors**	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC. N/A for PNNL

Scope/Cost Allocation

Service Description

A DOE security badge is utilized for all DOE and contractor personnel to gain access to DOE-owned or -leased facilities or areas where DOE-sponsored work is ongoing.

- MSC shall provide badging service for the Hanford Site, which includes manufacture, issuance, destruction, control, and accountability for DOE Standard, Hanford Specific, Temporary, and Personal Identify Verification badges.
- MSC shall coordinate and initiate "STOP ACCESS" procedures, and control and issue private vehicle passes for Property Protection Areas.
- Hanford Site contractors shall obtain badging service from MSC; participate in "STOP ACCESS" program; and obtain vehicle passes from MSC.

Usage-Based Services

N/A

Direct-Funded Services

Funded through MSC; provided at no cost to Hanford Site contractors. Hanford Site contractors/users bear internal implementation costs.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
10	**Personnel Security – Access Authorization (Security Clearance) Processing Program**	Service	Direct-Funded	Mandatory	**Provide service to site contractors**	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC, N/A for PNNL

Scope/Cost Allocation

Service Description

- The Access Authorizations (Security Clearances) Program involves processing, granting, and allowing individuals to retain an access authorization when their official duties require access to classified information or matter, or special nuclear material (SNM).
- MSC shall process all security clearances in support of Hanford Site contractors. These activities include requesting, obtaining, maintaining, downgrading and terminating security clearances, including "Special Access" privileges (e.g., SIGMA). The clearance processing program shall include reviews of each requested clearance action to ensure adequate justification exists and that reporting requirements are met.
- Hanford Site contractors shall request and obtain personnel security clearances, including “Special Access” from the MSC.

Usage-Based Services

N/A

Direct-Funded Services

MSC bears the cost burden of Program administration; Hanford Site contractors/users bear internal implementation costs.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
11	**Personnel Security – Human Reliability Program (HRP)**	Information / Service	Direct-Funded	Mandatory	**Provide service to site contractors**	Receive service from and provide input to MSC	N/A	N/A	N/A	N/A

Scope/Cost Allocation

Service Description

The Human Reliability Program (HRP) on the Hanford Site is designed to ensure that individuals who occupy positions affording access to special nuclear material and classified materials programs meet the highest standards of reliability and physical and mental suitability.

- MSC shall coordinate and track all Hanford Site drug and alcohol testing; MSC shall notify the PRC of drug and alcohol testing results.
- MSC shall administer the HRP program, including initial and refresher training.
- PRC shall identify HRP positions, submit requests to MSC for enrollment in the Hanford Site HRP, and execute their portion of the HRP consistent with the Hanford Site HRP, as administered by the MSC.

Usage-Based Services

N/A

Direct-Funded Services

MSC bears the cost burden of Program administration; Hanford Site contractors/users bear internal implementation costs.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
12	**Personnel Security – Workplace Substance Abuse Programs (WSAP)**	Information / Service	Direct-Funded	Mandatory	**Provide service to site contractors**	Receive service from and provide input to MSC	Receive service from and provide input to MSC	N/A	Receive service from and provide input to MSC	Receive service from and provide input to MSC, N/A for PNNL

Scope/Cost Allocation

Service Description

The WSAP is responsible for maintaining a workplace free from the use of illegal drugs, and is applicable to DOE contractors and their sub-contractors in testing-designated positions performing work at Sites owned or controlled by DOE under the authority of the Atomic Energy Act of 1954.

- MSC shall administer the WSAP and maintain the procedures for testing and databases.
- MSC shall notify the respective Hanford Site contractor of drug and alcohol testing results.
- Hanford Site contractors shall identify individuals in testing-designated positions and execute the program per the MSC procedure.

Usage-Based Services

N/A

Direct-Funded Services

MSC bears the cost burden of Program administration; Hanford Site contractors/users bear internal implementation costs.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
13	**Personnel Security – Foreign National Visits and Assignments (FNVA)**	Information / Service	Direct-Funded	Mandatory	**Provide service to site contractors**	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC (N/A PNNL)

Scope/Cost Allocation

Service Description

- FNVA pertains to unclassified (and potentially classified) foreign national access to the DOE Hanford Site for information and technologies.
- MSC shall process security plans for foreign visitors to Hanford Security areas, coordinate all FNVA requests, and submit to the appropriate contractor FNVA authority for approval.
- Hanford Site contractors shall notify the MSC of potential foreign visitor or assignment, and prepare and submit security plans to MSC for processing of the visit/assignment.

Usage-Based Services

N/A

Direct-Funded Services

MSC bears the cost burden of Program administration. Hanford Site contractors/users bear internal implementation costs.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
14	**Cyber Security – (Classified and Unclassified Cyber Security)**	Information / Service	Direct-Funded	Mandatory	**Provide service to site contractors**	Receive service from and provide input to MSC	Receive service from and provide input to MSC	N/A	Receive service from and provide input to MSC	N/A

Scope/Cost Allocation

Service Description

Classified/Unclassified Cyber Security Program identifies and protects classified, unclassified and sensitive information generated, processed and stored for the Hanford Site.

- MSC shall provide a Hanford Site Classified Information Systems Security Officer; develop a Hanford Master Classified Information Systems Security Plan; ensure that all classified systems are certified and accredited; and implement the classified cyber security training program.
- MSC shall implement a centralized Hanford unclassified computer security program.
- Hanford Site contractors shall manage and execute classified and unclassified cyber security responsibilities consistent with DOE requirements and the MSC centralized program.

Usage-Based Services

N/A

Direct-Funded Services

MSC bears the cost burden of Program administration; Hanford Site contractors/users bear internal implementation costs.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
15	**Nuclear Material Controls and Accountability (MC&A)**	Information / Service	Direct-Funded	Mandatory	**Provide service to site contractors**	Receive service from and provide input to MSC	Receive service from and provide input to MSC	N/A	Receive service from and provide input to MSC	N/A

Scope/Cost Allocation

Service Description

The MC&A Program provides control and accountability of nuclear materials within DOE.

- MSC shall manage and conduct a centralized MC&A program for all accountable quantities of nuclear material on the Hanford Site, and approve all implementing procedures of Hanford Site contractors.
- Hanford Site contractors shall support MSC in preparation and maintenance of a Hanford Site-wide MC&A Plan, administration of treaty related activities, performance of occurrence investigation and reporting, and scheduling of periodic inventories.
- Hanford Site contractors shall implement MC&A requirements per the Hanford Site-wide MC&A Plan. Hanford Site contractors are required to implement facility specific requirements.

Usage-Based Services

N/A

Direct-Funded Services

MSC bears the burden of Program administration. Hanford Site contractors/users bear internal implementation costs.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
16	**SAS Program Management – Safeguards and Security (SAS) Awareness**	Information / Service	Direct-Funded	Mandatory	**Provide service to site contractors**	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC. N/A for PNNL.

Scope/Cost Allocation

Service Description

SAS Awareness Program is used to inform Hanford Federal and contractor employees, subcontractors, and visitors of their SAS responsibilities and to promote continuing awareness of good security practices.

- MSC shall provide SAS Awareness training for all Hanford Federal and contractor employees, subcontractors, and visitors; and conduct security training for all permanently badged employees on an initial and annual frequency to maintain appropriate levels of awareness.
- Hanford Site contractors shall comply with the requirements of the Hanford Security Awareness program, as administered by the MSC.

Usage-Based Services

N/A

Direct-Funded Services

MSC bears the cost of Program administration; Hanford Site contractors/users bear internal implementation costs.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
17	**SAS Program Management**	Information / Service	Direct-Funded	Mandatory	**Provide service to site contractors**	Receive service from and provide input to MSC	Receive service from and provide input to MSC	N/A	Receive service from and provide input to MSC	Receive service from and provide input to MSC. N/A for PNNL.

Scope/Cost Allocation

Service Description

SAS Program Management provides formal organized process for planning, performing, assessing, and improving the secure conduct of work in accordance with risk-based protection strategies.

- MSC shall establish, manage, integrate and execute the processes and services that comprise the SAS Program Management, such as Program Planning, Oversight, and Administration; Security Conditions (SECON); Site Safeguard and Security Plan (SSSP); Vulnerability Assessments; Design Basis Threat; and safeguards and security training.
- Hanford Site contractors shall coordinate and interface with MSC on SAS Program Management regarding SAS technical, cost, and schedule performance; comply with SECON activities; support the Site Safeguards and Security Plan (SSSP) development, etc.
- Hanford Site contractors shall manage their internal SAS Program Management activities.

Usage-Based Services

N/A

Direct-Funded Services

MSC bears the cost of Program administration Hanford Site contractors/users bear internal implementation costs.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
18	**Site Training Services and HAMMER**	Information / Service	Combination of Usage-Based and Direct-Funded	Mandatory for standardized training All other services under this activity are Optional	**Provide service to site contractors**	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Optional	Optional	Receive service from and provide input to MSC (Optional for PNNL)

Scope/Cost Allocation

Service Description

Site Training Services provides training facility, curriculum, and training delivery services to Federal, contractor, and subcontractor employees in support of the Hanford and PNNL missions consistent with the DOE, local, state, and Federal workforce training requirements.

- MSC shall provide Hanford Site workers (and PNNL, as requested) mandatory standardized training as listed below and optional training as requested to support maintaining a qualified workforce, develop the Annual Training Needs Forecast and Plan, and operate the HAMMER facility.
- MSC shall maintain the employee training records for training provided by MSC.
- MSC shall perform mask fit services for Hanford Site contractors.
- Hanford Site contractors shall provide training priorities, training needs, and input regarding standardized training programs.

Mandatory Standardized Training

1. Hazardous Waste Operations and Emergency Response (HAZWOPER) Training
2. Lockout/tagout of hazardous energy
3. Permit required confined space entry
4. Chronic Beryllium Disease Prevention Program (CBDPP.
5. Respiratory protection program
6. Hoisting and rigging
7. Fall protection
8. Electrical safety
9. Radiation Safety (e.g., Radiological Worker I and II and Radiological Control Technician training).
10. Criticality Safety
11. Hanford General Employee Training

Usage-Based Services

Site training services, including maintenance of employee training records for training provided by MSC and mask-fit services are usage-based services reimbursed by the user.

Direct-Funded Services

HAMMER base operations for the facility are at no cost to Hanford Site contractors for DOE-EM funded Work Scope.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
19	**Fire & Emergency Response Services (Fire Prevention, Fire Suppression, Fire Investigations; Emergency Rescue; Emergency Medical Service and Patient Transport; Incident Command; and Hazardous Material and Chemical/ Biological/Radiological Emergency Response)**	Information / Service	Direct-Funded	Mandatory	**Provide service to site contractors**	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC (includes Energy Northwest.) May include Non-Hanford Site areas designated by DOE

Scope/Cost Allocation

Service Description

Fire and Emergency Response Services provide fire prevention, fire suppression, fire investigations; emergency rescue; emergency medical service and patient transport; incident command; and hazardous material and chemical/biological/radiological emergency response for the Hanford Site and those non-Hanford Site areas designated by DOE.

- MSC shall provide 24/7 fire-related protection of human life, property, and facilities; and operates basic and advanced life support emergency medical services.
- MSC shall act as the Site Incident Command Agency for all fires and hazardous/radiological materials emergencies on the Hanford Site.
- Hanford Site contractors shall support facility access to the MSC fire services personnel, and notify the Fire Department of work activities, events, incidents, etc., that may require Fire Services involvement and/or response (e.g., medical assistance, hazardous or radiological emergency help, etc.).
- The MSC will provide support for HFD participation in drills and exercises.

Usage-Based Services

N/A

Direct-Funded Services

Funded through the MSC; provided at no cost to Hanford Site Contractors.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
20	**Fire & Emergency Response Services (Fire Protection System Inspection, Testing, and Maintenance)**	Information / Service	Combination of Usage-Based and Direct-Funded	Mandatory	**Provide service to site contractors**	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC (RFAR only)	Receive service from and provide input to MSC	Receive service from and provide input to MSC. The only service applicable to PNNL is Fire Protection Systems Testing in DOE owned facilities on the Hanford Site.

Scope/Cost Allocation

Service Description

Fire and Emergency Response Services also includes fire protection system inspection, testing, and maintenance of existing and new fire systems for the Hanford Site, including backflow prevention devices.

- MSC shall provide a Fire Marshal with authority for fire protection system inspection, testing, and maintenance; respiratory protection services; building inspections; ignitable and reactive waste site inspections; pre-fire planning; etc.
- Hanford Site contractors shall be required to use certain mandatory Fire Services from the MSC contractor in performance of this work scope (e.g., fire systems inspection, testing, etc.) consistent with the MSC.

Usage-Based Services

Hanford Site contractors are required to provide their own hardware projects.

Direct-Funded Services

MSC is direct-funded to maintain fire systems for each Hanford Site contractor.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
21	**Emergency Operations (Centralized Hanford Site Emergency Preparedness Program)**	Information / Service	Direct-Funded	Mandatory	**Provide service to site contractors**	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC

Scope/Cost Allocation

Service Description

Emergency Operations consists of the Hanford Site-wide Emergency Preparedness (EP) Program, which includes operation of the Emergency Operations Center (EOC), Joint Information Center (JIC), requirements for hazards surveys and hazards assessments, training of EOC staff, Hanford Site-wide exercises, and facility-specific plans and procedures for EP development, training, drills and assessments.

MSC shall:

- Coordinate, integrate, and maintain a centralized Hanford Site EP Program.
- Provide instruction in accordance with DOE/RL-94-02, Hanford Emergency Management Plan to all Hanford Site contractors and their subcontractors.
- Conduct or support emergency management surveillances and assessments and work with the Hanford Site contractors for corrective action implementation.
- Establish procedures and provide direction and coordination for the Hanford Site Occurrence Reporting Program.

Usage-Based Services

N/A

Direct-Funded Services

MSC bears the cost burden of program administration. Hanford Site contractors/users bear internal implementation costs. MSC shall provide support for the Unified Dose Assessment Center (UDAC). Hanford Site contractors shall develop, maintain, and execute an Emergency Management Program as described in DOE/RL-94-02, *Hanford Emergency Management Plan* for facilities and waste sites under their control.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
22	**Emergency Operations (Event Reporting; and Emergency Operations Center Shift Office)**	Information / Service	Direct-Funded	Mandatory	**Provide service to site contractors**	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC

Scope/Cost Allocation

Service Description

Event Reporting is provided to ensure that DOE is kept fully informed about events that could adversely affect the health and safety of the public or the workers, the environment, the intended purpose of the facilities, or the credibility of the DOE.

- MSC shall operate the Hanford Site-wide Emergency Operations Center (EOC) Shift Office.
- Hanford Site contractors shall report their environmental, safety, and health events and related information directly to DOE and to the EOC Shift Office.

Usage-Based Services

N/A

Direct-Funded Services

MSC bears the cost burden of program administration. Hanford Site contractors/users bear internal implementation costs.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
23	**Site Safety Standards (Common Safety Processes)**	Information / Service	Direct-Funded	Mandatory	**Provide service to site contractors**	Receive service from and provide input to MSC	Receive service from and provide input to MSC	N/A	Receive service from and provide input to MSC	N/A

Scope/Cost Allocation

Service Description

Site Safety Standards are to be used by Hanford Site contractors to ensure common processes for worker safety.

- MSC shall obtain affected Hanford Site contractor approval and establish common safety processes on the Hanford Site as listed below.
- MSC shall maintain a site-wide web-based system with input from other Hanford contractors for sharing operating experiences and lessons learned with a focus on preventing recurrence of safety or reliability events, and to share good work practices in accordance with DOE O 210.2.
- MSC, PRC, and TOC shall work collaboratively and build coalitions with Hanford Site contractors and workers to continue to build a strong and enduring safety culture. Based on input from Hanford Site contractors and workers, the MSC with the PRC and TOC shall identify DOE opportunities to enhance and measure the Hanford safety culture.
- MSC shall manage and administer Hanford Site safety activities/initiatives, such as, Annual Safety Exposition, Hanford Worker Electrical Safety Board, etc., as approved by DOE.
- Affected Hanford Site contractors shall approve common safety standards and develop internal implementing procedures, and participate in Hanford Site safety activities/initiatives, where appropriate, as administered by MSC.

Common Safety Processes.

1. Lockout/tagout of hazardous energy
2. Permit required confined space entry.
3. Chronic Beryllium Disease Prevention Program (CBDPP).
4. Respiratory protection program.
5. Hoisting and rigging
6. Fall protection.
7. Electrical safety.
8. Industrial hygiene exposure records including the generation, common database, and storage.
9. Employee job task analysis (EJTA) as being implemented on the Hanford site at the present time.

10. Excavation permits with emphasis on the existing Hanford site system for obtaining excavation permits.
11. Hazardous Chemical Reporting: Community Right-to-Know with the MSC responsible for obtaining data from other Hanford site contractors, compiling and submitting the required data.

Usage-Based Services

N/A

Direct-Funded Services

MSC bears the cost burden of program administration. Hanford Site contractors/users bear internal implementation costs.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
24	**Radiological Assistance (RAP)**	Information / Service	Direct-Funded	Mandatory	**Provide service**	Provide staff to MSC	Provide staff to MSC	N/A	N/A	N/A

Scope/Cost Allocation

Service Description

RAP provides first-responder radiological response capabilities 24/7 for the Hanford Site and Region 8 (states of Alaska, Oregon, and Washington).

- MSC shall maintain and implement a first-responder radiological assistance that includes plans, procedures, resources and 24/7 response capabilities for Region 8 in support of the DOE Regional Response Coordinator and provide equipment.
- PRC and TOC shall provide qualified personnel, technical expertise, and support to the DOE Region 8 RAP to ensure maintenance and staffing of emergency teams with the ability to respond under the direction of DOE National Nuclear Security Administration (NNSA) and the U.S. Department of Homeland Security.

Usage-Based Services

N/A

Direct-Funded Services

MSC bears the cost burden of program administration to include travel, equipment, and RAP specific training. PRC and TOC provide personnel and bear personnel costs associated with RAP participation. PNNL also provides personnel to RAP, but is funded through MSC.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
25	**Environmental Regulatory Management (Site-wide permits, permit applications, and reports; Site-wide NEPA documents; Site-wide environmental reports; Site-wide (environmental) Quality Assurance standards; allocation of permit limits)**	Information / Service	Direct-Funded	Mandatory	**Provide service to site contractors and input to PRC**	Receive service from and provide input to MSC. **Provide service to manage issuance of the Hanford Facility RCRA Renewal Permit (Rev. 9)**	Receive service from and provide input to MSC and PRC	Receive service from and provide input to MSC and PRC	Receive service from and provide input to MSC	Receive service from and provide input to MSC and PRC

Scope/Cost Allocation

Service Description

Environmental Regulatory Management ensures a Site-wide environmental program which is compliant with applicable laws, regulations, DOE directives and the Section H Clause entitled, Environmental Responsibility.

MSC shall establish and provide site-wide management, administration, integration, permitting and compliance in coordination with other Hanford Site contractors. The MSC shall obtain concurrence from affected Hanford Site contractors for Site-wide environmental documents. MSC performs all near-field monitoring activities for the Hanford Site, including near-field monitoring required by a facility specific permit. As an exception, PRC will manage issuance of the Hanford Facility Resource Conservation and Recovery Act (RCRA) Renewal Permit (Rev. 9).

PRC shall also facilitate resolution of regulatory issues associated with Rev. 9 issuance. This also applies to units that will be initially incorporated into the existing permit (Rev. 8c) and transitioned into Rev. 9.

Hanford Site contractors shall:

- Provide input for the Site-wide Environmental Management System (EMS) Program Management Plan.
- Integrate their environmental permitting and regulatory compliance activities with the Hanford site-wide permitting and compliance framework maintained by the MSC.
- Provide appropriate and timely input to the MSC and other designated Hanford Site contractors for regulatory required Site-wide environmental reports and metrics for their facilities and activities.
- Support MSC in their Site-wide environmental regulatory management roles.

- Support PRC in managing activities associated with RCRA renewal permit issuance (Rev. 9).
- Support PRC in facilitating activities associated with incorporating new unit-group requirements into the existing RCRA permit (Rev. 8c). This includes timely schedule status updates, participation in issue resolution activities, and working in good faith toward Rev. 9 issuance.
- Provide legally and regulatory required air and liquid effluent and near facility environmental monitoring; collect, compile, and/or integrate air and liquid effluent monitoring data from operations and activities under their control.
- Provide appropriate environmental data for its facility and operable units to support Hanford Site assessments and preparation of the annual Hanford Site Environmental Report. Obtain unit specific permit modifications in coordination with the MSC.
- Inform MSC if any near-field monitor(s) are required as part of contractor's facility monitoring.

Usage-Based Services

N/A

Direct-Funded Services

MSC bears the cost burden of program administration. PRC bears the cost burden for managing RCRA renewal permit issuance activities (i.e., coordination and integration with DOE offices and contractors on schedule and resolution of crosscutting issues with Rev. 8c and Rev. 9 issuance).

Hanford Site contractors/users bear internal implementation costs.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
26	**Seismic Monitoring Services**	Service	Direct-Funded	Mandatory	**Provide service to site contractors**	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC

Scope/Cost Allocation

Service Description

Seismic Monitoring Services are required to operate the Hanford Site seismic network and provide report activities as needed. This information is utilized for operational facilities, to support new facility design and for emergency operations activities.

- MSC shall maintain seismic sensors and systems, monitor seismic activity and report seismic activities on the Hanford Site.
- MSC shall provide seismic information to Hanford Site contractors upon request.
- Hanford Site contractors shall request and provide requirements for services when necessary.

Usage-Based Services

N/A

Direct-Funded Service

Service scope as defined above.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
27	**Hanford Environmental Oversight (HEO)**	Information	Direct-Funded	Interface	**Provide service to site contractors**	Deliver input to MSC	Deliver input to MSC	Deliver input to MSC	Deliver input to MSC	Deliver input to MSC

Scope/Cost Allocation

Service Description

HEO provides program management, coordination and integration of Public Safety and Resource Protection (PSRP) functions. HEO also provides technical and administrative support to DOE associated with the PSRP program including Natural Resource Trustee activities.

- MSC shall provide annual updates of the Hanford Site National Environmental Policy Act (NEPA) Characterization Report.
- Hanford Site contractors shall provide to MSC appropriate environmental data for its facility and operable units to support Hanford Site assessments and preparation of the Hanford Site NEPA Characterization Report.

Usage-Based Services

N/A

Direct-Funded Services

MSC bears the cost burden of program administration. Hanford Site contractors bear internal implementation costs.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
28	**Meteorological and Climatological Services**	Information / Service	Combination of Usage-Based and Direct-Funded	Mandatory	**Provide service to site contractors**	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC

Scope/Cost Allocation

Service Description

The Hanford Meteorological Monitoring System includes 30 monitoring stations on the Hanford Site and provides accurate and timely weather information that enable safe conduct of activities and emergency response.

- MSC shall provide all standard, weather-related information for Hanford Site contractors, providing detailed around-the-clock, easily retrieved and understood, real time meteorological data. This includes forecasts, heat indices, historical information, etc.
- MSC shall maintain and operate the Hanford Meteorological Monitoring system. MSC may be requested to provide special-use information by Site contractors.

Usage-Based Services

Special-use information requested by Site contractors

Direct-Funded Services

MSC bears the cost burden of program administration, Hanford Site contractors shall request and provide requirements for service.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
29	**Environmental Surveillance**	Information / Service	Combination of Usage-Based and Direct-Funded	Interface	**Receive input from and provide information to site contractors**	Receive information from and provide input to MSC	Receive information from and provide input to MSC	Receive information from and provide input to MSC	Receive information from and provide input to MSC	Receive information from and provide input to MSC as applicable

Scope/Cost Allocation

Service Description

Environmental Surveillance consists of far-field multimedia environmental monitoring to measure the concentration of radionuclides and chemicals in environmental media and assess the integrated effects of these materials on the environment and the public.

- MSC shall assess impacts and risks of contaminants on human health in order to prepare the annual Hanford Site Environmental Report and the Hanford Site Environmental Surveillance Master Sampling Schedule; and align the surface environmental surveillance with the needs of the environmental clean-up, restoration, and assessment activities at the Hanford Site.
- MSC shall assess impacts and risks of Hanford contaminants on human health and the environment in support of Hanford cleanup activities as requested. Data and analysis shall be made available to the Hanford risk assessment activities.
- Hanford Site contractors shall provide appropriate input to support MSC preparation of the annual Hanford Site Environmental Report and Hanford Site Environmental Surveillance Master Sampling Schedule.

Usage-Based Services

Hanford Site contractors bear request for services costs.

Direct-Funded Services

MSC bears the cost burden of program administration. Hanford Site contractors /users bear internal implementation costs.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
30	**Ecological Monitoring and Compliance – Site Wide**	Information / Service	Combination of Usage-Based and Direct-Funded	Mandatory	**Provide service to site contractors**	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC as applicable

Scope/Cost Allocation

Service Description

Ecological Monitoring and Compliance is to achieve compliance with ecological resource-related legal and regulatory requirements; Biota is monitored to access the abundance, vigor, or condition, and distribution on the Hanford Site.

MSC shall:

- Assess the impacts to biological resources from Hanford Site operations and legacy contaminants to the environment and monitor the abundance, vigor, and distribution of plant and animal populations on the Hanford Site. This includes baseline surveys of protected biological resources, species, and habitats within key areas of the Hanford Site where the majority of routine operations and clean-up are conducted.
- Conduct ecological compliance reviews for Hanford Site contractors.
- Ecological reviews that are required to be conducted outside the Hanford alternate work schedule will not charge overtime to OHC projects.

Hanford Site contractors shall:

- Allow access to the Ecological Monitoring and Compliance activity for the purpose of collecting information and samples.
- Provide ecological information to the MSC from their sampling activities such as CERCLA/RCRA risk assessments.

Usage-Based Services

Ecological reviews are a usage-based service.

Direct-Funded Services

MSC bears the cost burden of program administration. Hanford Site contractors/users bear internal implementation costs.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
31	**Cultural and Historic Resource Program**	Information / Service	Combination of Direct-Funded and Usage-Based	Service - Mandatory	**Provide service to site contractors**	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Provide input to MSC	Receive service from and provide input to MSC as applicable

Scope/Cost Allocation

Service Description

The Cultural and Historic Resource Program administers the program for protecting Hanford Site cultural and historic resources, and documents and addresses any real or potential Site-wide issues and their impacts; and assures compliance with associated laws, DOE directives, and legally-binding agreements.

- MSC shall monitor and support the resource protection activities of Hanford Site contractors; coordinate surveys performed to document the occurrence of protected resources; evaluate and document impacts to protected resources; perform NHPA Section 106 Reviews for Hanford Site contractors; maintain, establish procedures for and manage Hanford Site cultural and historic resource site files (hard copy and electronic) and associated compliance project files for all such work that occurs at the Hanford Site; and curate files and artifacts in accordance with 36 CFR 79.
- Hanford Site contractors shall provide information to the MSC necessary to perform NHPA Section 106 Reviews for their scope of work, and provide to MSC information and materials to support MSC execution of the Comprehensive Land Use Plan's (CLUP) Cultural & Historic Resource Program Plan. In particular, mission contractors (who meet 36 CFR 61 standards and guidelines) shall utilize the MSC project records and files for background research.

Usage-Based Services

Cultural reviews are a usage-based service. Hanford Site contractors bear request for services costs.

Direct-Funded Services

MSC bears the cost burden of program administration. Hanford Site contractors/users bear internal implementation costs.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
32	**Radiological Site Services (RSS)**	Information / Service	Usage-Based	Mandatory	**Provide service to site contractors**	Receive service from MSC	Receive service from MSC	Receive service from MSC	Receive service from MSC	Receive service from MSC

Scope/Cost Allocation

Service Description

Radiological Site Services (RSS) is a documented set of comprehensive and integrated radiological support programs which provide the technical support, dosimetry, data, and records necessary to demonstrate compliance with required radiological monitoring and to verify the adequacy of Site radiological control programs in protecting the health and safety of workers, the public, and the environment. The RSS includes the Hanford External Dosimetry Program (HEDP), the Hanford Internal Dosimetry Program (HIDP), the Hanford Radiological Instrumentation Program (HRIP), and the Hanford Radiological Records Program (HRRP).

MSC shall provide:

- DOELAP accredited external dosimetry services, including technical support, documentation, and dosimeter preparation and processing, based on the types and quantities of external dosimetry required by all key customers.
- DOELAP accredited internal dosimetry services, including technical support, documentation, and analyses, based on the types and quantities of internal dosimetry required by all key customers.
- Calibration, maintenance, and repair services as defined in ANSI 323-1978 for a broad range of portable and semi-portable radiological instrumentation, including technical support and documentation, based on the types and quantities of portable and semi-portable radiological instrumentation calibration, maintenance, and repair services required by all key customers.
- Services to maintain, manage, and procure parts or replacements for the existing Hanford Site pool of radiological instruments, including developing processes for necessary replacement, as required by all key customers.
- Performance testing as defined in ANSI 323A-1997, or other standards as requested, to verify instruments continue to meet operational requirements.
- Management and preservation of current and former radiation monitoring records for DOE (and predecessor agencies) employees, Hanford contractors, sub-contractors, and visitors, including records of existing and past Hanford Site radiation dosimetry policies and practices.

On an as-requested basis, MSC will provide dosimetry and bio-assay scheduling, dosimeter distribution, and other services commonly associated with "Dosimetry Operations." These services will be fully defined in the SOW and agreed upon by the requesting party and MSC.

Hanford Site contractors shall request, and provide requirements for, service.

Usage-Based Services

Service as described above.

Direct-Funded Services

N/A

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Site Infrastructure and Utilities										
Interface Number	**Interface Title**	**Interface Type**	**Cost Type**	**Service Type**	**MSC**	**PRC**	**TOC**	**WTP**	**RCCC**	**Other Contracts**
33	****Discontinued** Analytical Services (Chemical and Low-Level Radiological Analysis)**	Service	Combination of Usage-Based and Direct-Funded	Mandatory	**Provide service to site contractors**	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Optional	Optional	Receive service from and provide input to MSC as applicable

Scope/Cost Allocation

**** All services discontinued as of September 30, 2014**. Shipment of samples to WSCF laboratory was discontinued April 30, 2014 in accordance with the direction of the contracting officer (DOE-RL letter 14-PRO-0170). Services were provided by the MSC through an offsite third-party entity through September 30, 2014. Due to the DOE-RL directed shutdown of the WSCF facility, this service is no longer available and Hanford Site Contractors shall use offsite laboratories for obtaining analytical services previously covered by WSCF.

Service Description

Analytical Services performs chemical and low-level radiological analysis on a variety of sample media. These services are performed at the Hanford Waste Sampling and Characterization Facility (WSCF).

- MSC shall operate the WSCF.
- Hanford Site contractors shall request analytical services as needed.

Usage-Based Services

Sample analysis is a usage-based service reimbursed by the user

Direct-Funded Services

WSCF Laboratory fixed costs for maintaining the facility in a ready-to-serve capacity are at no cost to Hanford Site contractors.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
34	**Biological Controls**	Service	Combination of Usage-Based and Direct-Funded	Mandatory	**Provide service to site contractors**	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC as applicable

Scope/Cost Allocation

Service Description

Biological Controls is a service to control noxious weeds, industrial weeds, other vegetation, and animal pests. The program controls vegetation on approximately 2,000 acres, traps and removes animals, and eliminates insect infestations.

- MSC shall provide a Hanford Site-wide biological control program.
- Hanford Site contractors shall request support as needed.

Usage-Based Services

Hanford Site contractors may request additional services beyond direct funded basic service as a usage-based service

Direct-Funded Services

Basic service funded through MSC; provided at no cost to Hanford Site contractors.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
35	**Crane and Rigging**	Service	Usage-Based	Mandatory	**Provide service to site contractors**	Receive service from and provide input to MSC	Receive service from and provide input to MSC	N/A	Optional	Receive service from and provide input to MSC as applicable (Optional for PNNL)

Scope/Cost Allocation

Service Description

The Crane and Rigging is a centralized pool of equipment and manpower for the Hanford Site. The MSC shall:

- Provide a mobile crane pool, a regulated and non-regulated guzzler; coordinate rental and movement of cranes, preventative maintenance inspections and scheduling of necessary repairs; assemble, erect, and dissemble scaffolding and supervises crane crews.
- Manage, and schedule operations involving movable cranes and Crane and Rigging services.
- Maintain and operate cranes, rigging equipment and cable fabrication equipment.
- Chair the Site Hoisting and Rigging Committee.
- Maintain the Hanford Site Hoisting and Rigging Manual (HSHRM) and Hanford Site Hoisting and Rigging intranet web site
- Hanford Site contractors shall request and provide requirements for service.

Usage-Based Services

Service as described above.

Direct-Funded Services

N/A

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
36	**Facility Services**	Service	Usage-Based	Mandatory	**Provide service** to site contractors	Receive service from and provide input to MSC	Receive (limited) service from and provide input to MSC	N/A	N/A	Receive service from and provide input to MSC as applicable (N/A for PNNL)

Scope/Cost Allocation

Service Description

Facility Services is a central maintenance function for non-radiological facilities.

- MSC shall provide management and administrative oversight for all requested facility activities, including planning and directing the work. MSC shall provide for the following facility services in support of the Hanford Site projects and contractors: facility painting, sign painting, carpentry, refrigerated equipment service, insulation, pipefitting, electrical, sheet metal, instrumentation, cement finishing, glazier work, custodial, locksmith, movers, equipment calibration, and HVAC maintenance and repair.
- PRC and other Site users shall request and provide requirements for service.
- TOC shall only receive Refrigerated Equipment Service, custodial service, and Movers Service from and provide input to MSC.

Usage-Based Services

Service as described above.

Direct-Funded Services

N/A

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
37	**Motor Carrier Services**	Service	Usage-Based	Mandatory	**Provide service to site contractors**	Receive service from MSC	Receive service from MSC	N/A	Optional	Receive service from and provide input to MSC as applicable

Scope/Cost Allocation

Service Description

Motor Carrier Services provides a centralized pool of vehicles and drivers for the on-site or local transportation of freight including hazardous material at the Hanford Site, including radioactive materials and radioactive/mixed waste.

- MSC shall:
- Manage, schedule, and conduct motor carrier services.
- Maintain and operate a centralized pool of vehicles and drivers for the on-site and limited local transportation of freight including hazardous and radioactive materials at the Hanford Site.
- Act as the Hanford Site motor carrier similar to a commercial motor carrier.
- Provide compressed gas shipments.
- Pick up at local vendors as directed by their customers.
- The Hanford Site contractor will prepare freight for shipment (packaging the freight) and provided associated documentation or direct a pick up of freight from a particular Site contractor or vendor.
- The preferred method for shipment of freight to other DOE site or to commercial vendor(s) is using a commercial motor carrier.
- Upon mutual agreement, the Contractor may provide a limited number of specialized vehicles to Other Hanford Site Contractors to support the efficient management of resources. Any vehicles provided by the MSC will remain in the MSC Fleet Maintenance Programs.
- Hanford Site contractors who are customers of this service prepare the waste for transport including shipper/receiver agreement documents, transportation documents for packaging, transportation and receipt by the receiving facility.

- Services are excluded for ERDF operations and 618-10 site remediation activities.

Usage-Based Services

Service as described above.

Direct-Funded Services

N/A

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
38	**Fleet Services**	Service	Usage-Based	Mandatory	**Provide service to site contractors**	Receive service from and provide input to MSC	Receive service from and provide input to MSC	N/A	Optional	Receive service from and provide input to MSC as applicable

Scope/Cost Allocation

Service Description

Fleet Services administers and manages a fleet of motorized vehicles and equipment including, but not limited to sedans, pickups, vans, busses, ambulances, tractors, flatbeds, dump trucks, tool vans, utility maintenance vans, cab and chassis, trailers, forklifts, cranes, generators, compressors, excavators, frontend loaders, dozers, wreckers, and fuel tankers.

- MSC shall provide management and coordination, statistical usage tracking, and reporting on GSA-leased vehicles and DOE-owned vehicles/equipment; perform vehicle and equipment repair and modification services as required (e.g., in the 200 Area); and perform record-keeping, vehicle assignment, ensuring vehicle utilization, and excess/disposal of fleet vehicles and parts. Some vehicles are designated as “regulated” due to contamination and are required to be serviced within radiologically-controlled areas.
- MSC shall provide and execute the DOE approval of equipment/vehicle procurements when necessary.
- Hanford Site contractors shall request and provide requirements for service and those using Fleet Services shall provide report input such as the Transportation Management Scorecard.
- Vehicle maintenance services, including inventory of or access to parts normally used for routine maintenance.
- Routine preventive maintenance and inspections in accordance with manufacturer specifications, GSA schedules, and OSHA safety regulations.
- Vehicle and equipment corrective maintenance, as required to maintain performance and air quality standards.
- Performance of GSA non-reimbursable services, such as in-the-field service calls (including towing).
- Major component repair and reconstruction of failed major operating and drive train components.
- Auto body, glass and upholstery repair services.

- Performance of customer-specified non-maintenance mechanical support, vehicle and equipment modifications, auxiliary equipment installation and transfer, accident damage repair, and special fabrication services.
- Purchase and distribution of bulk fuel to heavy equipment located in the field.
- Management of the process for the acquisition, control, assignment, and disposal of DOE fleet equipment and GSA vehicles and associated property, which includes general and special purpose equipment.
- Administration of the GSA lease.
- Services are excluded for ERDF operations and 618-10 site remediation activities.

Usage-Based Services

Services as described above.

Direct-Funded Services

N/A

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
39	**Railroad Services**	Physical / Service	Usage-Based	Optional	**Coordinate service**	Request service from MSC	Request service from MSC	Request service from MSC	Request service from MSC	Request service from MSC

Scope/Cost Allocation

Service Description

The Hanford railroad system consists of approximately 40 miles of Class II track and one signal crossing between Horn Rapids Road and the 200W Area.

- MSC determines requirements for future use on the Hanford Site and coordinates with Hanford Site contractors, projects, and off-Site entities prior to and during any on-site rail movements, including placement of "flaggers" at necessary intersections, taking proper security actions, and making Hanford Site notifications.
- Upon DOE direction, MSC shall maintain and operate the rail system on the Hanford Site.
- Hanford Site contractors shall request and provide requirements for service to the MSC.

Usage-Based Services

Service scope as defined above

Direct-Funded Services

N/A

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
40	**Roads & Grounds**	Service	Combination of Usage-Based and Direct-Funded	Mandatory	**Provide service to site contractors**	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC per ICD 12 - Roads	Receive service from and provide input to MSC	Receive service from and provide input to MSC (except PNNL off Hanford Site)

Scope/Cost Allocation

Service Description

Roads and Grounds consist of road maintenance, 24/7 snow removal, traffic management, and common grounds maintenance service for the Hanford Site.

Usage-Based Services

Hanford Site contractors may request additional services for facility specific services, such as, snow removal on sidewalks.

Direct-Funded Services

- MSC shall maintain primary and secondary Hanford Site roadways, to include patching/paving, striping, and other services; perform maintenance of common grounds; and make recommendations to restrict access and make the appropriate notifications of restricted access or closure to DOE and other Hanford Site contractors in the event that roads are unsafe for travel. MSC shall remove snow at primary and secondary roads and at designated facilities, parking lots, and walkways (per the Hanford Snow Removal Plan).
- Maintain the common grounds to ensure public/worker safety and environmental integrity within the 200, 300, and 600 Areas. Activities in this area include perimeter fence/sign maintenance at the Site boundaries; lawn and landscape care; annual inspection and maintenance of gravel pits; general area cleanup; sweeping sidewalks; washing buildings; sweeping general purpose facility parking lots and repairing bumper blocks.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
41	**Electrical Transmission, Distribution, & Energy Management**	Physical / Service	Combination of Usage-Based and Direct-Funded	Mandatory	**Provide service**	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC per ICD 11 - *Electricity*	Receive service from and provide input to MSC	Receive service from and provide input to MSC

Scope/Cost Allocation

Service Description

Electrical Transmission, Distribution, & Energy Management is the management function of the high voltage electrical utility consisting of a system for providing power to the facilities at the Hanford Site.

- MSC externally supplies electrical power to Hanford Site contractors.
- MSC shall coordinate with other Hanford Site contractors to obtain the following:
  - Energy cost and consumption data for the Annual Energy Conservation Performance Report.
  - Energy cost and consumption data for the quarterly Hanford Site energy cost and consumption date entry to EMS4 database.
  - Facility shut down constraints and impacts due to fuel reductions for the Emergency Conservation Plan.
  - Facility electrical load information for the annual electrical load forecast.
  - Other facility electrical or energy information, as needed.
- Hanford Site contractors shall provide input for EMS4 database, annual Energy Conservation Performance Report, Emergency Conservation Plan, and annual electrical load forecast.
- Hanford Site contractors may enter into a service-provider relationship with the MSC and/or other utility providers for the operation, maintenance, and/or closure of all or part of their internal utility systems.
- Hanford Site contractors shall protect Hanford Site systems against disruption and damage during performance of work and support Hanford Site utility operations, maintenance, and closure of a service where appropriate.

Notes:

- The interface point between the MSC electrical distribution system and the Hanford Site contractors' facilities electrical system is routinely the connection at the secondary side of the building service transformer (MSC also owns the electrical meters) However, there may be some facilities where the systems interface is located at a different connection point. The interface points are identified on the electrical utility switching system diagram drawings.

Usage-Based Services

Direct, mission-related upgrade projects are sub-contracted by MSC and paid by the requesting Hanford Site contractor.

Direct-Funded Services

Basic service funded through MSC; provided at no cost to Hanford Site contractors

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
42	**Water System**	Physical / Service	Combination of Usage-Based and Direct-Funded	Mandatory	**Provide service to site contractors**	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC per ICD 01 – Raw Water and ICD 02 – *Potable Water*	Receive service from and provide input to MSC	Receive service from and provide input to MSC

Scope/Cost Allocation

Service Description

The Water System function is a water utility service (the geographic areas to be served are the 100B/C, 200, and 600 Areas).

- MSC shall manage the water system in accordance with agreements negotiated with the Hanford Site contractor being served and in accordance with guidance documents cited in state regulations for water systems; and maintain the existing Water System Master Plan. The Plan shall document a strategy for managing repairs, life extensions, replacements, and deactivations for facilities and equipment for the water systems within the scope of this contract over a ten year planning horizon.
- MSC shall provide a "purveyor" (per the Washington Administrative Code and other state regulations) for MSC-managed water systems.
- MSC shall be responsible for all aspects of the water distribution system only up to and including the first off-valve or demarcation point outside the customer's facility or complex of facilities. The customer or facility maintains all responsibility for lines downstream of this agreed-upon point. On side-by-side multiple valve isolations and backflow assemblies, the facility assumes responsibility from the discharge side of the downstream isolation valve. For WTP, the demarcation point is the premise isolation backflow prevention at the fence line. For PFP, the demarcation point is the premise isolation backflow assemblies.
- MSC shall perform, as requested, backflow preventer testing, water system contaminant monitoring management, and pipeline sanitization for other Hanford Site contractors (e.g., water systems outside of MSC):
- Hanford Site contractors shall input to the Water System Master Plan and negotiate agreements for water utility service.
- PRC shall identify priority water line upgrades which would prevent further ground water degradation; MSC shall perform priority water line upgrades to prevent further ground water degradation.

Notes:

- The 100K Area and 400 Area Water Systems will be operated and maintained by the PRC.
- The 300 Area Water System will be operated and maintained by PNNL, by agreement between DOE-RL and Pacific Northwest Site Office (PNSO).

Usage-Based Services

Direct, mission-related upgrade projects are paid for by the Site contractor requiring the upgrade. For water systems outside of the MSC, water system contaminant monitoring management is a usage-based service reimbursed by the user. Water permits for Hanford Site contractors' new facilities is a usage-based service.

Direct-Funded Services

Hanford Site-wide water upgrades and Basic Service are funded through MSC; provided at no cost to site contractors.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
43	**Sewer Systems**	Physical Service	Combination of Usage-Based and Direct-Funded	Mandatory	**Provide service to site contractors**	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Optional	Receive service from and provide input to MSC	Receive service from and provide input to MSC

Scope/Cost Allocation

Service Description

- Sewer system operations provide sewer pumper truck services and collection of sewage through piping for treatment and disposal in subsurface soil absorption systems, as well as the 200W Lagoon. The geographic areas to be served are the 100B/C, 200, and 600 Areas. MSC shall operate the Hanford Site sanitary sewer systems, including compliance sampling; maintenance of support structures, systems, and components; and performance of sewer administration duties in accordance with the State of Washington sanitary sewer regulations.
- MSC shall update the existing Sewer System Master Plan. The Plan shall document a strategy for managing repairs, life extensions, replacements, and deactivations for facilities and equipment for the sewer systems within the scope of this contract over a ten year planning horizon and shall be updated every two (2) years.
- Hanford Site contractors shall provide input to the Sewer System Master Plan.
- Legacy facilities that are returned to service will be treated as a base, unless special circumstances require facility upgrades.

Notes:

- The 100K Area, 200 Area ERDF, and 400 Area sanitary sewer systems will be operated and maintained by the PRC.
- The 300 Area sanitary sewer system will be operated and maintained by PNNL, by agreement between DOE-RL and PNSO.

Usage-Based Services

Direct, mission-related upgrade projects are paid for by the Hanford Site contractor requiring the upgrade. Hanford Site contractors are responsible for facility-specific upgrades or new facilities sewer tie-ins under their control. Sewer permits for Hanford Site contractor new construction or project upgrades are a usage-based service.

Direct-Funded Services

Hanford Site-wide sewer upgrades and basic service are funded through MSC; provided at no cost to Hanford Site contractors.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
44	**Sanitary Waste Management and Disposal**	Service	Combination of Usage-Based and Direct-Funded	Mandatory	**Provide service to site contractors**	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Optional	Receive service from and provide input to MSC	Receive service from and provide input to MSC (PNNL on Hanford Site)

Scope/Cost Allocation

Service Description

Sanitary Waste Management and Disposal function consists of waste collected from on-site dumpsters and transport to off-site landfills for disposal. MSC shall pick-up, inspect, and dispose of non-radioactive, non-hazardous dry waste.

Hanford Site contractors shall request and provide requirements for service.

Usage-Based Services

Delivery and disposal of sanitary waste for roll off boxes is a usage-based service reimbursed by the user.

Direct-Funded Services

Management and oversight of Hanford sanitary, inert, and demolition waste landfills that are currently in operation or closed.

Delivery of and disposal of sanitary waste for dumpsters is provided at no cost to Hanford Site contractors.

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Site Business Management										
Interface Number	**Interface Title**	**Interface Type**	**Cost Type**	**Service Type**	**MSC**	**PRC**	**TOC**	**WTP**	**RCCC**	**Other Contracts**
45	**Land-Use Planning and Management**	Information / Service	Combination of Usage-Based and Direct-Funded	Mandatory (only for site selection and excavation permits)	**Provide service**	Request service from MSC and provide input	Request service from MSC and provide input	Request service from MSC and provide input per ICD 09 – Land for Siting	Request service from MSC and provide input	Receive service from and provide input to MSC, as applicable

Scope/Cost Allocation

Service Description

Land-Use Planning and Management consists of land-use planning (for the Hanford Site, in general and specific parcels) and management (including day-to-day implementation of the Comprehensive Land Use Plan [CLUP]).

- MSC shall perform management of real property at the Hanford Site for DOE and coordinate the use of real property among Hanford Site contractors. MSC shall perform a range of real property activities, such as conducting land-use planning for areas and specific parcels; conducting reviews and integrating land-use requests for all new facilities, infrastructure systems, land improvements, or change of land use; conducting land management activities, including day-to-day implementation of the CLUP; managing land use requirements and beneficial reuse of land; and conducting real estate activities in the out-grant and disposal of real property or interests therein.
- MSC shall implement the CLUP as directed or interpreted by DOE. MSC shall assess the need for updating the existing or developing new Area Management Plans and Resource Management Plans. In coordination with other Hanford Site contractors, the MSC shall develop new plans and update existing plans where applicable.
- MSC shall administer and manage the Site Selection and Excavation Permit process.
- MSC shall monitor and assess the use of real property to assure compliance with restrictions, such as institutional controls.
- MSC shall manage real property by reviewing property uses, reclassifying land use and facilities, investigating and characterizing land, monitor misuse of property or encroachments, identifying orphan or unknown land uses (e.g., non-pristine land, hazards, and waste sites), dispositioning non-permitted activities; and tracking and documenting land-use occurrences and activities.
- Hanford Site contractors shall support the land-use planning and management program as administered by the MSC, including providing input to the Ten Year Site Plan (TYSP).

- MSC shall develop the TYSP for the Hanford Site in coordination with other Site contractors.

Usage-Based Services

Excavation permits are provided as a usage-based service.

Direct-Funded Services

MSC bears the cost burden of program administration. Hanford Site contractors bear internal implementation costs.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
46	**Long-term Stewardship**	Information/ Service	Direct-Funded	Interface	**Provide service and receive input from Site contractors**	Deliver input to MSC	Deliver input to MSC	Deliver input to MSC per ICD 09 – Land for Siting	Deliver input to MSC	N/A

Scope/Cost Allocation

Service Description

Long-term stewardship (LTS) includes all engineered and non-engineered institutional controls designed to contain or to prevent exposures to any potential residual contamination and waste, such as surveillance activities, record-keeping activities, inspections, groundwater monitoring, ongoing pump and treat activities, cap repair, maintenance of entombed buildings or facilities, maintenance of other barriers and containment structures, access control, and posting signs.

- Other prime contractors' role is to provide input to the MSC by preparing an LTS Transition and Turnover Package (TTP) in accordance with the approved TTP template.
- MSC shall provide for integrated planning of LTS for the entirety of the Hanford Site.
- MSC shall prepare and maintain the Hanford Long-Term Stewardship Program Plan and Long-Term Surveillance and Maintenance Plans.
- MSC shall coordinate with DOE-RL and Hanford Site contractors to compile the results of the annual Hanford Site-wide institutional controls assessment, and to conduct the Hanford Site-wide *Comprehensive Environmental Response, Compensation, and Liability Act of 1980* (CERCLA) 5-year reviews including comment response, interim documentation, and lessons learned.
- MSC shall execute LTS for those portions of the Site assigned to the MSC.
- Hanford Site contractors provide information for the Hanford Long-Term Stewardship Program Plan, Long-Term Stewardship Surveillance and Maintenance Plans, Annual NEPA Mitigation Action Plan Accomplishments, IC Plan, CERCLA 5-year reviews, Site Transition Plans, and annual site-wide institutional controls assessment.
- Hanford Site contractors will coordinate with the Hanford LTS Program Plan and provide input to the LTS Transition and Turnover Packages for a given parcel or segment of land to DOE and concurrently to the MSC.

- Hanford Site contractors shall coordinate with the MSC in development of CERCLA RODs including institutional controls to achieve consistency with the LTS Plan.
- Hanford Site contractors shall provide information for the Hanford Site Institutional Controls Plan (ICP) in accordance with Hanford Site CERCLA Records of Decision, Hanford Site RCRA post closure plans, and RCRA Permit Corrective Action Modifications.

Usage-Based Services

N/A

Direct-Funded Services

MSC bears the cost burden of program administration. Cost for sites transferred (post-remediated) to MSC are the responsibility of the MSC. Hanford Site contractors bear internal implementation costs. Transition costs are the responsibility of the respective Hanford Site contractor.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
47	**Facility Information Management System (FIMS)**	Information	Direct-Funded	Interface	Receive input from Site contractors	Deliver input to MSC	Deliver input to MSC	Deliver input to MSC	Deliver input to MSC	Deliver input to MSC, as applicable

Scope/Cost Allocation

Service Description

DOE uses FIMS as the Complex-wide real property database for real property which provides an inventory and management tool that assists with planning and managing real property assets. FIMS is centrally managed at DOE Headquarters.

- MSC shall manage the local effort for FIMS, meeting specific, annual reporting requirements and shall be responsible for collecting data from Hanford Site contractors in order to meet all mandatory reporting requirements.
- Hanford Site contractors deliver FIMS data and input to the Comprehensive Data/Site Management Strategy for spatial data.

Usage-Based Services

N/A

Direct-Funded Services

MSC bears the cost burden of program administration. Hanford Site contractors bear internal implementation costs.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
48	**Hanford Site Structures List and Hanford Waste Site Assignment List**	Information	Direct-Funded	Interface	Receive input from Site contractors	Deliver input to MSC	Deliver input to MSC	Deliver input to MSC per ICD 09 – Land for Siting	Deliver input to MSC	Deliver input to MSC

Scope/Cost Allocation

Service Description

The Hanford Site Structures List (List) and Hanford Site Assignment List Is the integrated, central inventory of Hanford facilities, structures, and waste sites. DOE Hanford uses these lists for integrated planning of baselines, cost-estimating, reporting DOE Gold Chart metrics, establishing assignment of responsibility for each facility and waste site to site contractors, support to FIMS, HSTD (Hanford Site Technical Data Base), Caretaker, and WIDS. This activity provides for maintenance, configuration control, and upgrading of the Lists.

- MSC shall maintain the Hanford Site Structures List and Hanford Waste Site Assignment List serving as Administrator of the data, and is responsible for the platform for the data and Site-wide reporting.
- MSC shall be responsible for the Site-wide configuration control process, and shall be responsible for collecting data from Hanford Site contractors in order to meet all mandatory reporting requirements.
- Proposed changes in assignment of facilities must be ratified by DOE.

Hanford Site contractors deliver facilities, structures, and wastes site data and input to the Hanford Site Structures List and Hanford Waste Site Assignment List.

The Hanford Site contractors shall provide data and support to the MSC, for the Hanford Sites contractor's facilities, waste sites and activities, to support maintenance of the Hanford Site Structures List and Hanford Waste Site Assignment List, Hanford Site contractors supplying information/ data are responsible for data quality.

Usage-Based Services

N/A

Direct-Funded Services

MSC bears the cost burden of program administration. Hanford Site contractors bear internal implementation costs.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
49	**Condition Assessment Surveys (CAS)**	Information	Direct-Funded	Interface	Receive input from Site contractors	Deliver input to MSC	Deliver input to MSC	Deliver input to MSC	Deliver input to MSC	Deliver input to MSC

Scope/Cost Allocation

Service Description

- CAS is used to assess the current material condition of its facilities, structures, systems, and equipment, and documents maintenance deficiencies. The assessment information for each assessed item is entered into the Condition Assessment Information System (CAIS), which provides an estimate of maintenance upgrade costs.
- MSC shall manage the Hanford Site CAS/CAIS and provide for the administration of and execution of the CAS inspection program in order to accurately evaluate the existing state of specific facilities and identifying the deferred maintenance liability.
- MSC shall coordinate all of the necessary inspection activities with the various site contractors that have eligible facilities for CAS inspections.
- MSC shall make the CAS data available to the mission contractors.
- Hanford Site contractors shall enable access to MSC for conducting on-site condition assessments.

Usage-Based Services

N/A

Direct-Funded Services

MSC bears the cost burden of program administration. Hanford Site contractors bear internal implementation costs.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
50	**Geospatial Information Management**	Information / Service	Combination of Usage-Based and Direct-Funded	Mandatory	**Provide service to site contractors**	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC, as applicable

Scope/Cost Allocation

Service Description

Geospatial Information (relates the visualization, measurement, and analysis of features or phenomena that occur on the earth) supports the execution of requirements for worker health, land use planning, emergency response, etc., and is available to all Hanford Site contractors.

- MSC shall develop and implement a comprehensive Hanford Geospatial Information Strategy and Implementation Plan (H-GIS) to ensure that all spatial data, information and documentation required for accomplishing the Hanford Site missions are captured, managed, and preserved.
- The MSC shall provide general and business-specific Hanford Site maps, and act as a central geospatial clearinghouse to coordinate, capture, manage, and share geospatial information, including management of the Hanford Geographical Information System (HGIS).
- Hanford Site contractors deliver data to MSC and input to Comprehensive Data/Site Management Strategy for spatial data.

Usage-Based Services

Hanford Site contractors may request business-specific map services as a usage-based service.

Direct-Funded Services

MSC bears the cost burden of program administration. Hanford Site contractors bear internal implementation costs.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
51	**Property Systems/-Acquisition & Materials Management**	Information / Service	Combination of Usage-Based and Direct-Funded	Mandatory	**Provide service to site contractors**	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Optional	Optional	Receive service from and provide input to MSC, as applicable (PNNL DOE-EM owned equipment)

Scope/Cost Allocation

Service Description

Property Systems/Acquisition & Materials Management consists of Site-wide processes and procedures for centralized personal property management functions, such as recycling of precious metals and processing equipment that is no longer needed through the excess property system. Tracking of all DOE-owned, contractor-managed property (site-wide) is accomplished by means of decentralized data entry into the primary property management site-wide database (Sunflower Asset Management System [SAMS]). The Program also manages the centralized storage and staging of equipment and inventory through the use of various on-Site warehouses.

- MSC shall provide a Site-wide Personal Property Systems and Materials Management Program that provides for tracking of accountable personal property, management of the property management database (Sunflower Asset Management System [SAMS], including providing Site-wide property management reports) and other related systems; central recycling; excess property dispositioning; and equipment transfers and loans.
- MSC shall manage the (on-site) "stores" inventory warehouses. As required, the MSC shall provide for delivery of inventory items to on-Site locations managed by other contractors. MSC shall manage the supply chain, and evaluate Site-wide demand, usage trends, and programmatic requirements to act as lead in the reduction of existing line item site inventory to the lowest achievable levels.
- Hanford Site contractors deliver input to MSC to include warehouse requirement needs, Property Information Data Systems (PIDS) data, and Contractor Balanced Scorecard Report data; and deliver property no longer required.

Usage-Based Services

Hanford Site contractors bear costs associated with delivery of excess materials to the central recycling and turn-over of excess property for disposition.

Direct-Funded Services

MSC bears the cost burden of program administration. Hanford Site contractors bear internal implementation costs.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
52	**Hanford Site Pension Plan (HSPP)** **Hanford Site Savings Plan (HSSP)** **Hanford Employee Welfare Trust (HEWT)**	Information	Direct-Funded	Interface	Sponsor and receive input from Pension and Savings Committee	Sponsor and deliver input to Pension and Savings Committee	Sponsor and deliver input to Pension and Savings Committee	Sponsor and deliver input to Pension and Savings Committee, HSPP only	Sponsor and deliver input to Pension and Savings Committee	PNNL Sponsor and deliver input to Pension and Savings Committee

Scope/Cost Allocation

Service Description

- MSC shall provide administration for the HSPP, HSSP, and HEWT.
- Hanford Site participating sponsors provide funding and deliver input to the Pension and Savings Committee whose decisions are provided to the MSC.

Usage-Based Services

N/A

Direct-Funded Services

MSC bears the cost burden of program administration. Contributions are allocated to the participating sponsors (Hanford Site contractors).

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
53	**External Affairs**	Information / Service	Direct-Funded	Interface	**Provide service and receive support from Site contractors**	Support MSC	Support MSC	Support MSC	Support MSC	Support MSC as applicable

Scope/Cost Allocation

Service Description

External Affairs includes assistance to DOE in its programs to communicate with outside entities for Hanford Site tours.

- MSC shall work with DOE to strategize, plan, arrange logistics for and conduct or support Hanford Site tours and visits to projects/facilities by external parties as requested.
- MSC shall provide transportation, badging coordination, working with other Site contractors, as needed, and providing guides/speakers, handouts, and refreshments, as appropriate or as requested.
- Hanford Site contractors shall provide technical staff support to MSC when their facilities or waste sites are visited, to include guides/speakers, and handouts, when the tour involves respective Hanford Site contractor workscope.
- MSC shall support DOE's management of the Hanford web site.

Usage-Based Services

N/A

Direct-Funded Services

MSC bears the cost burden of program administration. Hanford Site contractors bear internal implementation costs.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
54	**External Reviews**	Information	Direct-Funded	Interface	Receive support from Site contractors	Support MSC	Support MSC	Support MSC	Support MSC	Support MSC as applicable

Scope/Cost Allocation

Service Description

External Reviews provides support to DOE during audits and assessments from outside entities having oversight responsibility for DOE-RL and DOE-ORP and their contractors. These entities include the Defense Nuclear Facilities Safety Board, the Government Accountability Office, the DOE Office of Inspector General, and other governmental and Department of Energy oversight organizations, such as the Office of Health, Safety, and Security and Office of Enforcement.

- The MSC shall support DOE-RL and DOE-ORP in hosting staff from auditing and assessing organizations, providing or coordinating required presentations, responding to information requests, and by providing required subject matter experts to respond to questions and information requests.
- Hanford Site contractors shall provide support to MSC, as directed by DOE, in their External Reviews responsibilities.

Usage-Based Services

N/A

Direct-Funded Services

MSC bears the cost burden of program administration. Hanford Site contractors bear internal implementation costs.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
55	**Courier Services**	Service	Usage-Based	Optional	**Provide service to site contractors**	Receive service from MSC	Receive service from MSC	Receive service from MSC	Receive service from MSC	Receive service from MSC, as applicable

Scope/Cost Allocation

Service Description

Courier services for the Hanford Site includes delivery and pickup of miscellaneous items, such as calibrated instruments, medical samples, equipment to be repaired, and essential (time-sensitive, critical) documents.

- MSC shall provide transportation of priority or time-sensitive documents, medical samples or supplies (i.e., serum, blood samples, medical records, etc.), calibrated instruments, new or used office machines to and from repair facilities, and pickup and shredding of classified documents.
- Hanford Site contractors shall request and provide requirements for service.

Usage-Based Services

Service as described above.

Direct-Funded Services

N/A

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
56	**Reproduction Services**	Service	Usage-Based	Service - Large Volume: Mandatory. Convenience Copiers: Optional	**Provide service to site contractors**	Receive service from MSC	Receive service from MSC	Optional	Optional	Optional service (except DOE)

Scope/Cost Allocation

Service Description

Reproduction Services provides large volume document reproduction services and manages the convenience copier contract. Reproduction includes duplication of paper ,digitally transmitted documents, and engineering drawings; high volume copying services; color copies; forms reproduction; special bindings; tabbing, etc.

- MSC shall provide printing, duplicating, binding, and reproduction services for the Hanford Site.
- Hanford Site contractors shall be responsible for identifying convenience copier locations to the MSC and for costs incurred to utilize equipment provided through the MSC copier contract.
- Hanford Site contractors shall request and provide requirements for service.

Usage-Based Services

Service as described above.

Direct-Funded Services

N/A

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
57	**Multi-media Services**	Service	Usage-Based	Optional Standards: Mandatory	**Provide service to site contractors**	Receive service from MSC	Receive service from MSC	Receive service from MSC	Receive service from MSC	Receive service from MSC, as applicable

Scope/Cost Allocation

Service Description

Multi-media Services provides for the development, production, or acquisition of photos, videotapes, movies, audio productions, and other similar types of media.

MSC multi-media organization shall be a centralized resource for the Hanford Site. The contractor shall establish the standards and written procedures that shall be used by all Hanford Site contractors and DOE to inventory photographs, videos, etc., identified as records. The standards/procedures shall direct that all photos, videos, etc. taken or acquired are indexed, and that the images/photos are merged into a Hanford Site archive or clearinghouse.

- MSC shall conduct aerial photography of the Hanford Site (e.g., monthly), as directed by DOE.
- Whether using MSC, or procuring outside services, Hanford Site contractors shall:
- Comply with Hanford Site multi-media standards.
- Provide multi-media records to the MSC.

Usage-Based Services

Service as described above.

Direct-Funded Services

N/A

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
58	**Mail Services**	Service	Direct-Funded	Mandatory	**Provide service to site contractors**	Receive service from MSC	Receive service from MSC	N/A	Receive service from MSC, as applicable	Receive service from MSC, as applicable

Scope/Cost Allocation

Service Description

Mail Services for the Hanford Site includes delivery to major building/locations and relies on the serviced organization/company to deliver mail to individuals within their respective organizations.

- MSC shall provide for basic mail services, including postage fees, pickup and delivery of interplant and U.S. Postal mail to customers. The work scope includes the pickup, routing and delivery of interplant mail (i.e., mail that does not leave the Hanford Site).
- MSC shall distribute and pickup mail at defined locations in the contractor's facilities.
- Hanford Site contractors shall be responsible for mail distribution to contractor staff within their facility.

Usage-Based Services

N/A

Direct-Funded Services

Service as described above.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
59	**Site Forms Management**	Service	Direct-Funded	Optional	**Provide service to site contractors**	Receive service from MSC	Receive service from MSC	N/A	N/A	Receive service from MSC (only DOE)

Scope/Cost Allocation

Service Description

Site Forms Management consists of a centralized and configuration-controlled forms management program that applies consistent design and utilizes the use of electronic forms in gathering of electronic record information to electronic records systems.

- MSC shall administer the Hanford Site forms management system and process, and design electronic forms for interactive use, as well as, conventional hard copy forms. MSC shall develop/design/revise/approve electronic and hard copy forms, eliminate obsolete or duplicate forms, maintain Site forms historical records, and maintain the system for centralized configuration management of site electronic and conventional hard copy forms. Development of forms shall be coordinated with the sponsor and its users.
- Hanford Site contractors may request and provide requirements for service.
- Hanford Site contractors are allowed to create and maintain unique forms relevant solely to their internal use, unless otherwise prohibited by Site policy.

Usage-Based Services

N/A

Direct-Funded Services

Service as described above.

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Information Resources / Content (Records) Management (IR/CM)										
Interface Number	**Interface Title**	**Interface Type**	**Cost Type**	**Service Type**	**MSC**	**PRC**	**TOC**	**WTP**	**RCCC**	**Other Contracts**
60	**Strategic Planning & Program Management**	Information	Direct-Funded	Mandatory	**Provide service to site contractors**	Receive service from MSC	Receive service from MSC	Optional	Optional	Receive service from MSC, as applicable

Scope/Cost Allocation

Service Description

Strategic Planning & Program Management assesses the current IR/CM technology infrastructure, systems, applications, and business practices and provides recommendations for improving the scalability and reducing the life-costs over the current approach.

- MSC shall develop a Computing and Telecommunications Strategic Plan.
- PRC and TOC shall provide input to the Computing, Telecommunications, and Content (Records) Management Strategic Plan.

Usage-Based Services

N/A

Direct-Funded Services

MSC bears the cost burden of program administration. Hanford Site contractors bear internal implementation costs.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
61	**Telephone Services**	Service	Usage-Based	Mandatory	**Provide service to site contractors**	Receive service from MSC	Receive service from MSC	Optional	Optional	Receive service from MSC, as applicable

Scope/Cost Allocation

Service Description

Telephone Services function consist of the Hanford Site Telephone Exchange activities that encompass voice, data, special circuits, 9-1-1 support, and attendant/operator services to Hanford Site programs, projects, and support organizations.

- MSC shall provide and maintain telecommunications capability and capacity sufficient to meet the needs of the Hanford site, encompassing those systems required to maintain data transmissions, including local, state, national, and international subscribers; data and network circuits; off-premise stations; telephone service to offsite offices occupied by Hanford Site end-users; alerting systems; and other miscellaneous voice and data circuits.
- Hanford Site contractors shall request and provide requirements for service.

Usage-Based Services

Service as described above.

Direct-Funded Services

N/A

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
62	**Pager Services**	Service	Usage-Based	Optional, except Emergency Response, which is Mandatory	**Provide service to site contractors**	Receive service from MSC	Receive service from MSC	N/A	Receive service from MSC	Receive service from MSC, as applicable

Scope/Cost Allocation

Service Description

Pager Services provides the electronic network and devices for Hanford Site paging.

- MSC shall provide maintenance, operations and account administration of the Government-owned Hanford Site pager infrastructure and commercial pager services, including site, regional and national paging services.
- MSC shall provide system designs, integration, maintenance, frequency management, associated engineering services, and support to manage regional, international, and nonstandard inventory for pager replacement parts.
- Hanford Site contractors may request and provide requirements for service.

Usage-Based Services

Service as described above

Direct-Funded Services

N/A

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
63	**Radio Services for Crafts**	Service	Usage-Based	Optional	**Provide service to site contractors**	Receive service from MSC	Receive service from MSC	N/A	Receive service from MSC	Receive service from MSC, as applicable

Scope/Cost Allocation

Service Description

Radio Services for Crafts provides radio communication infrastructure and licensing.

- MSC shall provide engineering, maintenance and operations of non-emergency radio communication services, including associated infrastructure.
- MSC shall manage radio spectrum licensing and design, engineering integration, operations and maintenance, installation, upgrade and required system calibration services, and registration of radio frequencies with the National Telecommunications and Information Administration.
- Hanford Site contractors shall request and provide requirements for service. If procuring radios, the contractor must comply with Hanford Site specifications.
- Equipment (radios, antennas, etc.) costs are the responsibility of the Hanford Site contractor.

Usage-Based Services

Service as described above.

Direct-Funded Services

N/A

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
64	**Radio Services for Emergency Services**	Service	Combination of Usage-Based and Direct-Funded	Mandatory	**Provide service to site contractors**	Receive service from MSC	Receive service from MSC	N/A	Receive service from MSC	Receive service from MSC, as applicable

Scope/Cost Allocation

Service Description

Radio Services for Emergency Services provides radio communication infrastructure and licensing.

- MSC shall provide engineering, maintenance and operations of radio communication services, including two-way, fire dispatch, safety and emergency preparedness, security systems and infrastructure.
- MSC shall manage radio spectrum licensing and design, engineering integration, operations and maintenance, installation, upgrade and required system calibration services, and registration of radio frequencies with the National Telecommunications and Information Administration.
- Hanford Site contractors shall:
- Follow Hanford Site radio frequency policy and use the MSC for radio spectrum licensing; and
- Request and provide requirements for service.

Usage-Based Services

Equipment (radios, antennas, etc.) costs are the responsibility of the Hanford Site contractor.

Direct-Funded Services

Service as described above.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
65	**Network Services**	Service	Usage-Based	Mandatory	**Provide service to site contractors**	Receive service from MSC	Receive service from MSC	Optional	Optional	Optional, except DOE

Scope/Cost Allocation

Service Description

Network Services consist of the Hanford Local Area Network (HLAN) information infrastructure used by DOE-RL, DOE-ORP and Hanford Site contractors for intranet and internet services.

- MSC shall operate and maintain the HLAN information/communication infrastructure including Application Hosting Services, Internet Support, Maintenance and Software License Management, Technology Support for Hardware and Software, network management and maintenance, desktop/user services, hardware maintenance, work station acquisition, redeployment and retirement, engineering and configuration, software distribution, and streaming video engineering services. The MSC will also provide HLAN infrastructure maintenance.
- Hanford Site contractors shall request and provide requirements for service.

Usage-Based Services

Service as described above.

Direct-Funded Services

N/A

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
66	**Information Systems**	Service	Combination of Usage-Based and Direct-Funded	Mandatory	**Provide service to site contractors**	Receive service from MSC	Receive service from MSC	N/A	Optional	Optional except DOE

Scope/Cost Allocation

Service Description

Information Systems provide integrated business, technical, and project information systems including management and performance of steady state operations, maintenance, development and enhancements for Hanford Site data systems, and support to project and business functions.

- MSC provides database management, video-teleconferencing (VTC) support services, software and systems engineering, system development, systems operations and maintenance (O&M), software testing, software configuration management, and application hosting services.
- Hanford Site contractors shall request and provide requirements for service.

Usage-Based Services

Hanford Site contractors may request additional services as a usage-based service.

Direct-Funded Services

Service as described above.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
67	**Federal Records Inventory and Schedule Management**	Information / Service	Combination of Usage-Based and Direct-Funded	Site-wide System – Mandatory Inventory & Scheduling Service - Optional	**Provide service to and receive input from Site contractors**	Deliver input to MSC	Deliver input to MSC	Optional	Deliver input to MSC	Deliver input to MSC, except PNNL

Scope/Cost Allocation

Service Description

Inventory and Schedule Management provides the Hanford Site-wide RIDS database for inventorying and scheduling all Federal records for MSC and for designated contractors including those documenting the missions, programs, projects and all administrative functions. This work addresses all records (and non-records) originated or held by any of the covered contractors and includes records in all media, including electronic systems, databases, spreadsheets, microform, photo/negatives, hard copy paper, and all other formats and media.

- MSC shall provide Hanford Site-wide RIDS database for Hanford Site Federal records.
- Other Hanford Site contractors shall provide RIDS database information.

Usage-Based Services

Optional service beyond the basic service described above.

Direct-Funded Services

Service as described above.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
68	**Major Collection Management**	Service	Combination of Usage-Based and Direct-Funded	Mandatory	**Receive input from Site contractors**	Deliver input to MSC	Deliver input to MSC	Deliver input to MSC (Optional)	Optional	Deliver input to MSC, except PNNL

Scope/Cost Allocation

Service Description

Major Collection Management provides continued maintenance of significant collections of records. Examples of major collections include engineering drawings, photographs/negatives, videotapes, etc.

- MSC shall ensure that records in identified collections are indexed, authenticated, metadata complete, and are accessible to those that have a business requirement.
- Hanford Site contractors shall meet the requirements of Major Collection Management as administered by the MSC.

Usage-Based Services

- Controlled document distribution.
- Imaging of documents/records not included in the direct-funded services below.

Direct-Funded Services

MSC bears the cost burden of program administration. Hanford Site contractors bear internal implementation costs.

Imaging, indexing, and verification of hard copy engineering documents/drawings as released through a document control/configuration system.

Maintenance of historical photography collection.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
69	**Long-Term Records Storage**	Service	Direct-Funded	Mandatory	**Provide service to site contractors**	Receive service from and provide input to MSC	Receive service from and provide input to MSC	N/A	Optional	Receive service from and provide input to MSC

Scope/Cost Allocation

Service Description

Long-Term Records Storage provides for physical storage of over 110,000 cubic feet of records in various hard copy medium (paper, photographs, video, tapes, etc.).

- MSC shall provide program administration and long-term physical storage for paper and other hard copy media records and maintain information systems to manage that collection.
- Hanford Site contractors shall coordinate with MSC for pickup of records.

Usage-Based Services

N/A

Direct-Funded Services

Service as described above.

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Portfolio Management										
Interface Number	**Interface Title**	**Interface Type**	**Cost Type**	**Service Type**	**MSC**	**PRC**	**TOC**	**WTP**	**RCCC**	**Other Contracts**
70	**Hanford Portfolio Planning, Analysis & Performance Assessment (Integrated Hanford Life-Cycle Clean-up Plan; [Hanford] Programmatic Risk Management Plan; P6 schedules, and State of the Site briefing)**	Information	Direct-Funded	Interface	**Receive input from Site contractors**	Deliver input to MSC	Deliver input to MSC	Deliver input to MSC	Deliver input to MSC	Deliver input to MSC, except PNNL and DOE

Scope/Cost Allocation

Service Description

Hanford Portfolio Planning, Analysis & Performance Assessment consists of support to DOE-RL and DOE-ORP in maintaining the Integrated Hanford Life-Cycle Clean-up Plan that optimizes the mission life-cycle, enabling DOE to ensure cost and schedule efficiency while adequately anticipating and managing programmatic risk.

- MSC shall perform Hanford Site portfolio integration, provide simulation and optimizing analysis tools, and coordinate and assist with integrated scheduling and performance evaluation.
- MSC shall develop an Integration Issues Management Plan, provide Hanford Portfolio Planning, develop and maintain an Integrated Hanford Life-Cycle Clean-up Plan, and shall evaluate project and program performance against the Integrated Hanford Life-cycle Baseline.
- Hanford Site contractors shall provide information to the MSC as necessary to complete the Hanford Portfolio Planning, Analysis & Performance Assessment activities.

Usage-Based Services

N/A

Direct-Funded Services

MSC bears the cost burden of program administration. Hanford Site contractors bear internal implementation costs.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
71	**Project Acquisition and Support**	Information	Direct-Funded	Interface	**Receive Critical Decision data and information from PRC and TOC**	Deliver data and info. to MSC	Deliver data and info. to MSC	N/A	N/A	N/A

Scope/Cost Allocation

Service Description

Project Acquisition and Support includes project initiation, design, construction, and/or procurement services to DOE and as an optional service to Hanford Site contractors.

- As directed by DOE, MSC shall provide the means to enable DOE to perform its project owner management responsibilities, in the areas of planning and procurement actions for new projects, by supporting the Critical Decision (CD) 0 through CD-1/2 phase of new project life-cycles and, when requested, act as project lead in support of the CD-3 and 4 phase of new projects.
- Hanford Site contractors shall provide Critical Decision data and information to the MSC as directed by DOE.

Usage-Based Services

N/A

Direct-Funded Services

MSC bears the cost burden of program administration. Hanford Site contractors bear internal implementation costs.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
72	**Independent Assessment and Analysis**	Information	Direct-Funded	Interface	**Receive input from Site contractors**	Deliver input to MSC	Deliver input to MSC	Deliver input to MSC	Deliver input to MSC	Deliver input to MSC, except PNNL and DOE

Scope/Cost Allocation

Service Description

Independent Assessment and Analysis provides to DOE a capability for ensuring that work is being accomplished in accordance with ESH&Q requirements, or to accomplish special DOE studies and obtain recommendations on an as needed basis to resolve technical and regulatory issues.

- As directed by DOE, MSC shall provide specialty technical expertise, on a task-order basis, for areas such as project management, project control, cost estimating and scheduling, environmental, safety, quality and health, quality assurance, criticality, nuclear safety, radiological control, fire protection, environmental protection, regulatory compliance, Integrated Safety Management System, etc., and conduct independent analyses and generate technical assessment reports as needed in these areas.
- Hanford Site contractors shall provide data and facility access to the MSC as required by the Independent Assessment and Analysis activity.

Usage-Based Services

N/A

Direct-Funded Services

MSC bears the cost burden of program administration. Hanford Site contractors bear internal implementation costs.

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PRC SERVICES AND INTERFACE ACTIVITIES

Solid and Liquid Waste Stabilization and Disposition

Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
73	**Waste forecast system - Solid Waste Information and Tracking System (SWITS) and Solid Waste Integrated Forecast Technical Database (SWIFT)**	Information	Direct-Funded	Interface	Provide data to PRC	**Receive data from Site contractors**	Provide data to PRC	Provide data to TOC	Provide data to PRC	Provide data to PRC, except DOE

Scope/Cost Allocation

Service Description

Waste forecast system identifies future quantities of hazardous and radioactive waste generation for wastes managed by the contract.

- PRC shall operate and maintain SWITS and SWIFT, and make available to other Site contractors.
- Hanford Site contractors shall provide waste generation data.

Usage-Based Services

N/A

Direct-Funded Services

PRC bears the cost burden of program administration. Hanford Site contractors bear internal implementation costs.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
74	**Low Level Waste (LLW) and Mixed Low Level Waste (MLLW) Treatment, Storage, and Disposal**	Physical	Combination of Usage-Based and Direct-Funded	Mandatory	N/A	**Receive waste**	Package and deliver to PRC	Provide waste to TOC	Package and deliver to PRC	Package and deliver to PRC, except DOE

Scope/Cost Allocation

Service Description

This activity provides for LLW and MLLW Treatment, Storage, and Disposal.

- PRC shall perform waste unloading, receipt, storage, and disposal of LLW and MLLW.
- Hanford Site contractors prepare waste, including packaging and treatment, and provide for waste transport.

Usage-Based Services

- Waste generators provide funding for packaging, treatment, transport (including unloading), storage, and disposal.
- RCCC only pays for treatment, packaging, and transport.
- TOC pays WTP waste disposal costs.

Direct-Funded Services

PRC provides ready-to-serve capability.

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WIPP CORE CHARACTERIZATION PROJECT SERVICES AND INTERFACE ACTIVITIES

Transuranic Waste Characterization and Certification

Interface Number	Interface Title	Interface Type	Cost Type	Service Type	WIPP Core Characterization Project (CCP)	MSC	PRC	TOC	WTP	RCCC	Other Contracts
75	**Transuranic (TRU) and Transuranic Mixed Waste (TRUM) Packaging, Characterization, Certification, and Transportation**	Information / Physical / Service	Combination of Usage-Based and Direct-Funded	Mandatory	**Performs all Hanford TRU Waste Characterization and Certification activities.**	N/A	**Provides support to CCP characterization and certification activities. Receives waste from site users.**	Package and deliver TRU to PRC	N/A	Package and deliver TRU to PRC	Except DOE, package and deliver TRU to PRC.

Scope/Cost Allocation

Service Description

This activity provides for TRU and TRUM certification and loading waste for shipment to the Waste isolation Pilot Plant (WIPP).

- PRC shall receive waste from contractors, provides interim storage if required, certifies waste for shipment, prepares payloads, and loads waste for shipment to WIPP or other DOE Sites.
- Hanford Site contractors shall conduct and budget for packaging (if required by WAC) and transporting waste to PRC, and certify for WIPP and load waste for shipment to WIPP or other DOE Sites.
- CCP will provide, operate, and maintain RTR equipment, drum assay equipment, large box NDE/NDA equipment (if needed), and mobile loading equipment.
- CCP will operate and maintain the Hanford Super-HENC equipment for Standard Waste Box (SWB) assay.
- CCP will operate the Shipping and Receiving Bay within WRAP for TRUPACT loading. PRC will operate and maintain the balance of the WRAP facility.
- CCP will provide the equipment for and perform head space gas sampling (HSGS) and analysis.
- CCP will establish and implement appropriate ESH&Q programs to support CCP activities.

- PRC will perform initial (in-field) assay of retrieved waste, as necessary, to segregate TRU from non-TRU waste.
- PRC will perform all waste repackaging activities.
- PRC will provide facility records, packaging records, and other documents necessary for CCP to prepare waste certification packages.
- PRC will provide the necessary public release clearances for CCP generated documents.
- PRC will provide the infrastructure to support installation and operation of the CCP-provided RTR equipment, drum assay equipment, and mobile loading equipment.
- PRC will provide the facility and infrastructure to support the installation and operation of the large box NDE/NDA equipment, if needed.
- PRC will provide mobile crane and crane operator support for CCP mobile loading equipment.
- PRC shall receive TRU waste from other site users and provide interim storage if required.
- PRC will identify ESH&Q interfaces with CCP.
- Other Hanford Generators of TRU waste will provide TRU waste to PRC that complies with WIPP waste acceptance criteria.

Usage-Based Services

- Waste generators provide funding to PRC for the increment of work resulting from their waste.
- RCCC pays only for TRU treatment and packaging, and TRU transport to PRC.

Direct-Funded Services

PRC provides ready-to-serve capability for TRU waste receipt, storage, and repackaging.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
76	**Industrial and Radioactive Liquid Effluents Treatment and Disposal and Industrial Liquid Effluents Retention and Transfer**	Physical	Direct-Funded	Mandatory	N/A	Deliver to TOC	Receive from PRC and WTP	Deliver to TOC	Deliver to TOC	Deliver to TOC

Scope/Cost Allocation

Service Description

This activity provides for treatment and disposal of radioactive liquid effluents in the 200 Area.

TOC shall operate the Effluent Treatment Facility (ETF), Liquid Effluent Retention Facility (LERF), 200 Area Treated Effluent Disposal Facility (TEDF), and the State Approved Land Disposal Site (SALDS) to receive, treat, store, and dispose of industrial and radioactive liquid effluents from Site contractors in the 200 Areas.

Usage-Based Services

N/A

Direct-Funded Services

Funded through TOC; provided at no cost to Hanford Site contractors. Hanford Site contractors bear internal implementation costs.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
77	**Immobilized High Level Waste (IHLW) Interim Storage**	Physical	Combination of Usage-Based and Direct-Funded	Mandatory	N/A	**Receive from TOC**	Transport to PRC	Provide filled IHLW canisters for TOC transport	N/A	N/A

Scope/Cost Allocation

Service Description

This activity provides for storage of IHLW.

- PRC shall operate and maintain the Canister Storage Building.
- TOC and PRC shall coordinate on modifications of the CSB for receipt of the IHLW.

Usage-Based Services

Modifications to CSB or construction of other storage capability funded by TOC.

Direct-Funded Services

PRC funds ready to serve operations of the CSB.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
78	**Immobilized low activity waste (ILAW) Disposal**	Physical	Combination of Usage-Based and Direct-Funded	Mandatory	N/A	**Receive from TOC and dispose**	Deliver to PRC	Deliver to TOC	N/A	N/A

Scope/Cost Allocation

Service Description

This activity provides for disposal of ILAW.

- PRC shall operate the Integrated Disposal Facility and receive/dispose waste.
- TOC shall prepare and provide for transportation of ILAW to the IDF for disposal.

Usage-Based Services

Waste generators provide funding to PRC for the increment of work resulting from their waste.

Direct-Funded Services

PRC provides ready-to-serve capability.

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Groundwater and Vadose Zone Project										
Interface Number	**Interface Title**	**Interface Type**	**Cost Type**	**Service Type**	**MSC**	**PRC**	**TOC**	**WTP**	**RCCC**	**Other Contracts**
79	**Groundwater/Vadose Zone Integration**	Information / Service	Direct-Funded	Mandatory	Deliver to PRC	**Receive from Site contractors**	Deliver to PRC	N/A	Deliver to PRC	N/A

Scope/Cost Allocation

Service Description

The Groundwater/Vadose Zone Integration activity maintains and controls site-wide data and models used for groundwater/vadose zone analysis and coordinates site-wide groundwater/vadose zone activities.

- PRC shall conduct the groundwater/vadose zone integration project.
- Hanford Site contractors shall participate in PRC periodic planning and coordination meetings; and deliver modeling and risk assessment information. Mission contractors shall provide comments on the annual update to the Integrated Plan and Schedule for all soil and groundwater work, and the annual Groundwater Monitoring Report.
- Hanford Site contractors shall supply groundwater analysis requirements and reporting of risk assessment data and analysis, input for the Fiscal Year Integrated Groundwater Monitoring Plan for the Hanford Site, comments on the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) Groundwater and Deep Vadose Zone Remediation Activity Progress Reports.
- Hanford Site contractors shall provide data/information to PRC on self-performed drill and sample soil borings that yield additional vadose zone characterization data.

Usage-Based Services

N/A

Direct-Funded Services

PRC bears the cost burden of program administration. Hanford Site contractors bear internal implementation costs.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
80	**Hanford Environmental Data Integration**	Information Service	Direct-Funded	Mandatory and Interface	N/A	**Receive from TOC, RCCC, and other site contractors**	Deliver input to PRC	N/A	Deliver input to PRC	Deliver input to PRC, except DOE

Scope/Cost Allocation

Service Description

This activity provides for maintenance, configuration control, and upgrading of key Hanford Site environmental assessment databases.

The PRC shall serve as Data Manager for the following information systems:

- Hanford Environmental Information System (HEIS);
- Sample Data Tracking (SDT) System;
- Hanford Well Information System (HWIS);
- Waste Information Data System (WIDS).

The Hanford Site contractors shall provide data and support to the PRC, for the Hanford Sites contractor's facilities and activities, to support maintenance of the above listed Hanford-wide environmental databases. Hanford Site contractors supplying information/ data are responsible for data quality.

Usage-Based Services

N/A

Direct-Funded Services

PRC bears the cost burden of program administration. Hanford Site contractors bear internal implementation costs.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
81	**Hanford Site Well Drilling and Decommissioning**	Information	Direct-Funded	Interface	Coordinate with PRC	Coordinate with TOC, RCCC, MSC, and other Site contractors	Coordinate with PRC	N/A	Coordinate with PRC	Coordinate with PRC

Scope/Cost Allocation

Service Description

This activity includes drilling and decommissioning of Hanford Site wells.

- PRC shall coordinate with the mission contractors during the installation and maintenance of wells for the groundwater monitoring well network and maintain and implement the Hanford Site Well Decommissioning Plan.
- Hanford Site contractors shall provide input for the Hanford Site Well Decommissioning Plan.

Usage-Based Services

N/A

Direct-Funded Services

PRC bears the cost burden of program administration. Hanford Site contractors bear internal implementation costs.

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Spent Nuclear Fuel										
Interface Number	**Interface Title**	**Interface Type**	**Cost Type**	**Service Type**	**MSC**	**PRC**	**TOC**	**WTP**	**RCCC**	**Other Contracts**
82	****Discontinued**** **Special Nuclear Fuel (SNF) Fragments Transportation**	Physical	Direct-Funded	Mandatory	N/A	**Receive from RCCC**	N/A	N/A	Transfer to PRC	N/A

Scope/Cost Allocation

**** All services discontinued as of August 29, 2016** with the transition of specific RCCC work scopes to PRC and the RCCC executing contract closeout.

Service Description

- SNF fragments are safely stored.
- RCCC shall package SNF fragments and transport to PRC.
- PRC shall receive packaged SNF fragments from RCCC.

Usage-Based Services

N/A

Direct-Funded Services

PRC bears the cost burden of program administration. Hanford Site contractors bear internal implementation costs.

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TOC SERVICES AND INTERFACE ACTIVITIES

Base Operations

Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
83	**Tank Farm Projects Double Shell Tank (DST) System Management**	Information	Direct-Funded	Interface	N/A	N/A	Integrate with WTP	Deliver input to TOC	N/A	N/A

Scope/Cost Allocation

Service Description

DST System Management maintains acceptable waste feed specifications for future waste feed delivery to the WTP while also maximizing use of available DST space to facilitate single-shell tank waste retrieval and any in-tank treatment to preserve tank integrity and improve waste feed characteristics.

- TOC shall integrate with the WTP contractor, develop the Integrated Waste Feed Delivery Plan, and the River Protection Project System Plan, and operate the DST system.
- WTP shall provide input for feed delivery integration.

Usage-Based Services

N/A

Direct-Funded Services

TOC bears the cost burden of program administration.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
84	**Vent and Balance**	Service	Usage-Based	Mandatory	Receive service from TOC	Receive service from TOC	**Provide service to PRC, RCCC, and MSC**	Optional	Optional	N/A

Scope/Cost Allocation

Service Description

Vent and Balance 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.

- TOC shall perform cost-effective/efficient Vent and Balance services (primarily HEPA filter testing and replacement) for RPP facilities and for the balance of the Hanford Site.
- PRC, MSC, and RCCC (optional user) shall request and provide requirements for service.

Usage-Based Services

Service as described above.

Direct-Funded Services

N/A

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
85	**Analytical Laboratory Support** ***(Landlord Services for 222-S Laboratory Complex)***	Service	Direct-Funded	Mandatory	N/A	N/A	Provide service to LA&TS	N/A	N/A	N/A LA&TS receives service from TOC

Scope/Cost Allocation

Service Description

Analytical Services are performed by the Hanford 222-S Laboratory Analysis and Testing Services Contractor (LA&TS), a separate prime contractor to DOE-ORP, while laboratory facility operations and maintenance are performed by the contractor.

- TOC shall operate and maintain the 222-S Laboratory Complex to support analysis activities performed by the LA&TS.
- LA&TS will provide input and coordination to support operations.

Usage-Based Services

N/A

Direct-Funded Services

Funded through TOC; provided at no cost to Hanford Site contractors.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contractors
86	**Analytical Integrated Planning (*222-S Laboratory Complex*)**	Information	Direct-Funded	Interface	N/A	Provide data to TOC	Integrate data	Provide data to TOC	N/A	N/A LA&TS provide data to TOC

Scope/Cost Allocation

Service Description

Analytical Integrated Planning provides integrated Site-wide analysis plans, data quality objectives, and process and analytical technology support.

- TOC shall interface with the LA&TS to develop sample analysis rates and waste generation estimates.
- Hanford Site contractors shall use integrated planning products to plan sample analysis expenditures.
- Hanford Site contractors shall provide input to support sample analysis planning.

Usage-Based Services

N/A

Direct-Funded Services

TOC bears the cost burden of program administration. Hanford Site contractors bear internal implementation costs.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
87	**Tank Closure and Waste Management Environmental Impact Statement (EIS) and Record of Decision (ROD)**	Information	Direct-Funded	Interface	Deliver input to DOE-ORP	Deliver input to DOE-ORP	Deliver input to DOE-ORP	N/A	N/A	N/A

Scope/Cost Allocation

Service Description

Tank Closure and Waste Management EIS and ROD is a regulatory requirement supporting Hanford Site closure activities. DOE is currently preparing the Tank Closure and Waste Management (TC & WM) Environmental Impact Statement (EIS). The TC & WM EIS is evaluating options for managing and disposing of waste, supplemental treatment, tank closure and establishing final end states for the Fast Flux Test Facility (FFTF) at Hanford. These decisions are expected to be applied to the related programs after 2009.

- DOE-ORP will develop the Tank Closure and Waste Management EIS and ROD.
- Hanford Site contractors shall provide input to the Tank Closure and Waste Management EIS and ROD.

Usage-Based Services

N/A

Direct-Funded Services

Hanford Site contractors bear the cost of their respective resources for this activity.

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Waste Treatment and Immobilization Plant Support										
Interface Number	**Interface Title**	**Interface Type**	**Cost Type**	**Service Type**	**MSC**	**PRC**	**TOC**	**WTP**	**RCCC**	**Other Contracts**
88	**WTP Support**	Information / Service	Direct-Funded	Mandatory and Interface	Provide services to WTP	Provide services to WTP	Coordinate and provide services to WTP	Receive service from and provide input to TOC	N/A	N/A

Scope/Cost Allocation

Service Description

WTP interface provides support for WTP construction.

- MSC, PRC, and TOC will participate with WTP in the revision and approval of WTP Interface Control Documents (ICDs).
- TOC shall be responsible for coordinating, planning, and paying for the WTP contractor's requirements for infrastructure, utility, and service support from the MSC and PRC as identified in the J-3 Hanford Site Services and Interface Requirements Matrix.
- ICDs identify interface requirements, technical and service gaps, and document issues in order to support efficient and timely construction, startup, commissioning, and operation of WTP. ICDs do not represent contractual obligations between the executing parties or the government.
- WTP shall maintain WTP Interface Control Documents.

WTP ICDs include:

- ICD 1, *Raw Water*
- ICD 2, *Potable Water*
- ICD 3, *Radioactive Solid Wastes*
- ICD 5, *Non-Radioactive, Non-Dangerous Liquid Effluents*
- ICD 6, *Radioactive Dangerous Liquid Effluents*
- ICD 9, *Land for Siting*
- ICD 11, *Electricity*

- ICD 12, *Roads*
- ICD 14, *Immobilized High-Level Waste*
- ICD 15, *Immobilized Low-Activity Waste*
- ICD 19, *Low-Activity Waste Feed*
- ICD 23, *Waste Treatability Samples*
- ICD 28, *Pit 30 Aggregate Supply for Construction*
- ICD 29, *Waste Sodium*
- IDC 30, *Direct LAW Feed*
- ICD 31, *DFLAW Effluent Returns to Double-Shell Tanks*

Usage-Based Services

N/A

Direct-Funded Services

Hanford Site contractors bear internal costs associated with WTP ICD participation, review and approval.

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OTHER DOE DIRECT-CONTRACTED SERVICES										
Interface Number	**Interface Title**	**Interface Type**	**Cost Type**	**Service Type**	**MSC**	**PRC**	**TOC**	**WTP**	**RCCC**	**Other Contracts**
89	**Janitorial Service**	Service	General and Administrative (G&A) cost for each contract.	Optional	Receive service	Receive service	Receive service	N/A	Receive service	Receive service

Scope/Cost Allocation

Service Description

The Janitorial Service Contractor provides janitorial services for buildings 661A, 662, 662A, 664, and 669 located in the 600 Area; buildings 3212 and 3220 located in the 300 Area; and Mobile Offices as identified by DOE. Services include light cleaning, high cleaning, and special services, as needed.

Usage-Based Services

N/A

Direct-Funded Services

N/A

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
90	**Laundry Service**	Service	Fee for service.	Optional	Receive service	Receive service	Receive service	Optional	Receive service	Receive service

Scope/Cost Allocation

Service Description

The Laundry Service Contractor provides for commercial laundry and decontamination services for government-owned protective clothing, non-regulated items, and regulated face pieces. This service includes periodic batch pick-up and drop-off at site locations.

Usage-Based Services

N/A

Direct-Funded Services

N/A

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
91	**Occupational Medicine Service**	Service	Fee for Service	Mandatory	Receive service	Receive service	Receive service	N/A	Receive service	Optional service OHSC – Provides service to site contractors

Scope/Cost Allocation

Service Description

The Occupational Health Services Contractor (OHSC), under a separate prime contract to DOE-RL, provides occupational health services through health risk management and occupational health services to personnel at Hanford. The contractor 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.

The contractor 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 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 medicine services; reporting; and supporting transition.

Usage-Based Services

N/A

Direct-Funded Services

N/A

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
92	**Personnel Security Services**	Information / Service	Direct-Funded by DOE	Mandatory	Receive service from and provide input to PSSC	Receive service from and provide input to PSSC	Receive service from and provide input to PSSC	N/A	Receive service from and provide input to PSSC	Receive service from and provide input to PSSC (N/A for PNNL) PSSC – Provide service to site contractors

Scope/Cost Allocation

Service Description

The Personal Services Security Contractor (PSSC) currently provides technical and administrative support expertise for the implementation of the DOE Personnel Security Program, including clearance and special access processing, adjudication of investigative reports, human reliability programs, and other personnel security related programs. The contractor also provides transcription services, screening and processing classified mail, operation of the vault, visitor control and security education for both employees and visitors located in the Federal Office Building (FOB), and management of several personnel security-related databases.

Usage-Based Services

N/A

Direct-Funded Services

N/A

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
93	**Research, development, and demonstration**	Service	Usage-Based	Optional	Receive service	Receive service	Receive service	Receive service	Receive service	Receive service **PNNL – Provide service to site contractors**

Scope/Cost Allocation

Service Description

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 DOE Office of Science laboratory system and require no integration with the Hanford DOE Office of Environmental Management 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.

Usage-Based Services

Service as described above.

Direct-Funded Services

N/A

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
94	**Sample Analysis *(highly radioactive)***	Service	Fee for Service	Mandatory	N/A	Receive services from LA&TS	Receive services from LA&TS	N/A	N/A	N/A **LA&TS Provide services to TOC and PRC**

Scope/Cost Allocation

Service Description

Analytical Services are performed by the Hanford 222-S Laboratory Analysis and Testing Services Contractor (LA&TS) under a separate prime contract to DOE-ORP. LA&TS is responsible for providing analysis of highly radioactive samples in support of Hanford Site projects. These services will be performed in the 222-S Laboratory Complex located in the 200 Area of the Hanford Site.

The LA&TS is responsible for: 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 archiving sample remainders as required by the customer , with approval by the TOC, and providing Standards Laboratory services for the Hanford Site.

Service users will develop annual Service Level Agreements upon which Fee for Service will be based.

Usage-Based Services

N/A

Direct-Funded Services

N/A

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
95	**Steam Services**	Service	Direct-Funded	Mandatory	Receive service	Receive service	Receive service	N/A	Receive service	Receive service **ESPC - Deliver service to site contractors**

Scope/Cost Allocation

Service Description

The Energy Savings Performance Contractor (ESPC), under a separate prime contract, currently includes steam service to support heating and other operations at the Site and air compressors for twenty 300 Area facilities. The ESPC 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.

Usage-Based Services

N/A

Direct-Funded Services

RCCC & TOC "advance" pay from its DOE funding allocations. MSC & PRC costs are funded by DOE-RL directly to the ESPC from PBS-40.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
96	**Waste Disposal - CERCLA remediation Low Level (LLW) and Contact-handled and Remote-handled (CH/RH) Mixed Low Level (MLLW)**	Physical	Usage-Based	Mandatory	Deliver to PRC	Receive from Site contractors	Deliver to PRC	Deliver to PRC	~~**Receive from Site contractors**~~ **Discontinued** [1]	Optional

Scope/Cost Allocation

Service Description

PRC performs transportation, treatment, storage, and disposal of *Comprehensive Environmental Response, Compensation, and Liability Act of 1980* (CERCLA) LLW and CH/RH-MLLW, Hanford Site contractors shall request and provide requirements for service.

Usage-Based Services

Hanford Site contractors budget for waste transportation (requiring ERDF waste transportation services), treatment, and disposal.

Direct-Funded Services

N/A

[1]Service transitioned from RCCC to PRC August 29, 2016.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
97	**Hanford Sitewide Transportation Safety Document** **"Service added to PRC in August 2017"**	Information / Service	Direct-Funded	Mandatory	Receive service from and provide input to PRC	**Provide service to site contractors**	Receive service from and provide input to PRC	N/A	N/A	PNNL receive service from and provide input to PRC

Scope/Cost Allocation

Service Description

PRC shall assume ownership of the Hanford Sitewide Transportation Safety Document (TSD), effective with DOE-RL approval of DOE/RL-2001-36, Hanford Sitewide Transportation Safety Document, Revision 2, and is to perform maintenance of the TSD through the duration of the PRC period of performance.

- PRC shall act in the role of the TSD Configuration Manager (i.e., TSD Section 4.4). The responsibilities of the TSD Configuration Manager include:
  - Ensure notifications of potential inadequacies in the safety analyses are appropriately distributed to the contractor Transportation & Packaging (T&P) points-of-contact.
  - Ensure new Packaging Safety Documents and tiedowns are distributed to the contractor T&P points-of-contact.
  - Ensure unreviewed safety question for transportation determinations (USQTDs) are appropriately distributed to the contractor T&P point-of-contact. Maintain configuration control of the TSD.
  - Prepare, submit to DOE-RL for approval, and implement the TSD annual update.
  - Maintain the safety basis current as required by DOE O 460.1D (or current version shown in Attachment J.2) and 10 CFR 830.
  - Organize and conduct contractor interface meetings.
- PRC shall also control and maintain the TSD Configuration Manager website to include all authorized Packaging Safety Documents, Special Packaging Authorization Shipment Evaluation Checklist, and tiedown/internal load securement plans.
- Affected Hanford Site contractors shall participate in the TSD annual update and perform to the responsibilities set forth in TSD Section 4.3.
- DOE will evaluate contractor/user input on the TSD annual update prior to approval. The TSD annual update will be approved by DOE.

Usage-Based Services

N/A

Direct-Funded Services

PRC bears the cost burden of program administration. Hanford Site contractors/users bear internal implementation costs.

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Attachment J-3.b

HANFORD SITE SERVICES AND INTERFACE REQUIREMENTS MATRIX

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ATTACHMENT J-3.b Matrix

HANFORD SITE SERVICES AND INTERFACE REQUIREMENTS MATRIX

The services listed in the J-3.b, *Hanford Site Services and Interface Requirements Matrix* (hereinafter the J-3.b *Matrix*) shall be performed in accordance with the Section H Clause entitled, *Hanford Site Services and Interface Requirements Matrix*, and Section C entitled, *Interface Management*.

The service provider shall provide services to OHCs and/or other site users as identified in the J-3.b *Matrix* as either a Direct Funded or a Usage-Based Service (UBS). The purpose of the J-3.b Matrix is to identify the site services and interface requirements. The J-3.b *Matrix* identifies the service provider and the associated, general interface obligations by those receiving the service. The J-3.b *Matrix* is not an all-inclusive listing of services that may be required or provided; however, services provided to another OHC and/or other site users shall fall within the scope of the provider's contract.

The following Matrix Cross Reference for Service Details provides a reference to the HMESC Section C PWS, for OHCs to obtain service details.

Also, provided below is the definition of Direct-Funded Service and UBS, and a primary list of users/providers used in the Matrix.

Matrix Cross Reference for Service Details

Service No. (Click on Service Number to Link to the Table)	Service Title	Contract Scope Source (HMESC Section Reference for Service Details)	Page No.
Site Integration and Interface Management			
1	Hanford Site Integration	General Requirements	J-3.b-9
2	Infrastructure and Services Alignment Plan (ISAP)	General Requirements	J-3.b-10
3	Hanford Site Interface Management	C.1, C.4.12.6.1.3	J-3.b-11
4	Portfolio Analysis	C.4.12	J-3.b-12
5	Requirements Management	C.4.11.7.1	J-3.b-13
6	Contractor Assurance System (CAS)	C.4.12.6.2.8	J-3.b-14
Utilities and Infrastructure			
7	Electrical Transmission, Distribution, & Energy Management	C.4.1.1	J-3.b-15
8	Water Systems	C.4.1.2	J-3.b-17
9	Sewer Systems	C.4.1.3	J-3.b-19
10	Sanitary Waste Management & Disposal	C.4.1.4	J-3.b-21
11	Roads and Ground	C.4.1.5	J-3.b-22
12	Railroad System	C.4.1.6	J-3.b-24
Transportation			
13	Motor Carrier Services	C.4.2.1	J-3.b-25
14	Fleet Services	C.4.2.2	J-3.b-28
15	Crane and Rigging	C.4.2.3	J-3.b-30
Safeguards and Security			
16	Protective Forces	C.4.3.1	J-3.b-32
17	Physical Security Systems (Nuclear Material, Special Nuclear Material, and Classified Matter)	C.4.3.2	J-3.b-33
18	Physical Security Systems (Government Property)	C.4.3.2	J-3.b-34
19	Physical Security – Badging	C.4.3.2	J-3.b-35
20	Information Security – Operations Security (OPSEC)	C.4.3.3	J-3.b-36
21	Information Security – Classified Matter Protection and Control (CMPC); Classification, Declassification, and UCNI Program	C.4.3.3	J-3.b-37
22	Information Security – Controlled Unclassified Information (CUI)	C.4.3.3	J-3.b-38
23	Personnel Security – Access Authorization (Security Clearance Processing Program)	C.4.3.4	J-3.b-39

Matrix Cross Reference for Service Details

Service No. (Click on Service Number to Link to the Table)	Service Title	Contract Scope Source (HMESC Section Reference for Service Details)	Page No.
24	Personnel Security – Human Reliability Program (HRP)	C.4.3.4	J-3.b-40
25	Personnel Security – Foreign National Visits and Assignments (FNVA)	C.4.3.4	J-3.b-41
26	Nuclear Material Controls and Accountability (MC&A)	C.4.3.5	J-3.b-42
27	Safeguards and Security (SAS) Program Management	C.4.3.6	J-3.b-43
28	Safeguards and Security (SAS) Awareness	C.4.3.6	J-3.b-44
Emergencies and First Responders			
29	Fire & Emergency Response Services	C.4.4.1	J-3.b-45
30	Respiratory Protection Inspection, Testing and Maintenance; and Fire System Inspection, Testing and Maintenance	C.4.4.1, C.4.8.2	J-3.b-47
31	Emergency Operations (Centralized Hanford Site Emergency Preparedness Program)	C.4.4.2	J-3.b-49
32	Emergency Operations (Event Reporting; and Emergency Operations Center Shift Office)	C.4.3.1, C.4.4.1, C.4.4.2	J-3.b-50
33	Radiological Assistance Program (RAP)	C.4.4.3	J-3.b-51
Workforce Readiness and Human Resource Support			
34	Site Training Services and HAMMER	C.4.5.1	J-3.b-52
35	Workplace Substance Abuse Programs (WSAP)	C.4.11.4	J-3.b-54
36	Hanford Site Pension Plan (HSPP) Hanford Site Savings Plan (HSSP) Hanford Employee Welfare Trust (HEWT)	C.2	J-3.b-55
Environmental, Safety, and Health			
37	NEPA Planning and Program Support	C.4.10.1	J-3.b-56
38	Environmental Compliance and Support Program	C.4.10.3	J-3.b-57
39	Environmental Monitoring	C.4.10.3	J-3.b-58
40	Ecological Monitoring and Compliance – Site Wide	C.4.10.3	J-3.b-59
41	Biological Controls	C.4.10.3	J-3.b-60
42	RCRA Permits and Compliance	C.4.10.4, C.4.10.5, C.4.10.6	J-3.b-61
43	Environmental Regulatory Management (Site-wide EMS and Site Sustainability Program Plan)	C.4.10.4	J-3.b-62
44	Environmental Mitigation Strategy Planning and Implementation	C.4.10.5	J-3.b-63

Matrix Cross Reference for Service Details

Service No. (Click on Service Number to Link to the Table)	Service Title	Contract Scope Source (HMESC Section Reference for Service Details)	Page No.
45	Environmental Permits and Compliance	C.4.10.6	J-3.b-64
46	Site Safety Standards (Common Safety Processes)	C.4.7.9	J-3.b-65
47	Meteorological and Climatological Services	C.4.10.7.1	J-3.b-66
48	Seismic Monitoring Services	C.4.10.7.2	J-3.b-67
49	Radiological Site Services (RSS)	C.4.6.7.3, C.4.10.8	J-3.b-68
Information Technology (IT) and Management			
50	IT Strategic Planning, Governance, Enterprise Architecture, and Program Management	C.4.6.1	J-3.b-69
51	Business Management Systems	C.4.6.1.4	J-3.b-70
52	Geospatial Information Management	C.4.6.1.6	J-3.b-71
53	Cyber Security – Classified and Unclassified Cyber Security	C.4.6.2	J-3.b-72
54	Network Services	C.4.6.3, C.4.6.4, C.4.6.5	J-3.b-74
55	Radio Services	C.4.6.5.1	J-3.b-76
56	Pager Services	C.4.6.5.2	J-3.b-77
57	Telephone Services	C.4.6.5.3	J-3.b-78
58	Information Systems	C.4.6.6	J-3.b-80
59	Federal Records Inventory and Schedule Management	C.4.6.7.5	J-3.b-81
60	Major Collection Management	C.4.6.7.6	J-3.b-82
61	Long-Term Storage Records	C.4.6.7.7	J-3.b-83
62	Multi-Media Services	C.4.6.9	J-3.b-84
63	Site Forms Management	C.4.6.10	J-3.b-85
Business Services			
64	Personal Property Management Program	C.4.7.1, C.4.8.2	J-3.b-86
65	External Affairs	C.4.7.4	J-3.b-88
66	External Reviews	C.4.7.4.1	J-3.b-89
67	Courier Services	C.4.7.5	J-3.b-90
68	Mail Services	C.4.7.6	J-3.b-91
69	Reproduction Services	C.4.7.7	J-3.b-92
Real Property Asset Management			
70	General Purpose Facility Planning and Management	C.4.8.4	J-3.b-93

Matrix Cross Reference for Service Details

Service No. (Click on Service Number to Link to the Table)	Service Title	Contract Scope Source (HMESC Section Reference for Service Details)	Page No.
71	Facility Services	C.4.8.2	J-3.b-94
72	Condition Assessment Surveys	C.4.8.2	J-3.b-95
73	Facility Information Management System (FIMS)	C.4.8.3	J-3.b-96
74	Locksmith Services	C.4.8.2	J-3.b-97
Environmental Stewardship and Management			
75	Land-Use Planning and Management	C.4.8.1, C.4.9.1	J-3.b-98
76	Borrow Pit Management	C.4.9.1	J-3.b-100
77	Hanford Structure Responsibility Assignment Matrix (HSRAM) and Hanford Waste Site Responsibility Assignment Matrix (HWSRAM)	C.4.6.1.6	J-3.b-102
78	Post Cleanup Surveillance and Maintenance	C.4.9.3	J-3.b-103
Environmental Integration			
79	Cultural and Historical Resource Program	C.4.10.2	J-3.b-105
80	Procedures Management System	C.4.11.7.2	J-3.b-106
Service No. (Click on Service Number to Link to the Table)	**Service Title**	**Contract Scope Source (CPCC Section Reference for Service Details)**	**Page No.**
Waste Stabilization and Disposition			
81	Low Level Waste (LLW) and Mixed Low Level Waste (MLLW) Treatment, Storage, and Disposal	TBD	J-3.b-107
82	Waste Disposal – CERCLA/RCRA Remediation Waste including Low Level Waste (LLW) and Contact-handled and Remote-handled (CH/RH) Mixed Low Level Waste (MLLW)	TBD	J-3.b-108
83	Immobilized Low Activity Waste (ILAW) Disposal	TBD	J-3.b-109
84	Transuranic (TRU) and Transuranic Mixed Waste (TRUM) Packaging, Characterization, Certification, and Transportation	TBD	J-3.b-110
85	Groundwater/Vadose Zone Integration	TBD	J-3.b-112
86	Hanford Site Well Drilling and Decommissioning Planning	TBD	J-3.b-113
87	Hanford Sitewide Transportation Safety Document	TBD	J-3.b-114

Matrix Cross Reference for Service Details

Service No. (Click on Service Number to Link to the Table)	Service Title	Contract Scope Source (HMESC Section Reference for Service Details)	Page No.
Waste and Environmental Data Management			
88	Waste Forecast System – Solid Waste Information and Tracking System (SWITS) and Solid Waste Integration Forecast Technical Database (SWIFT)	TBD	J-3.b-115
89	Hanford Environmental Data Integration	TBD	J-3.b-116
Service No. (Click on Service Number to Link to the Table)	**Service Title**	**Contract Scope Source (TWCC Section Reference for Service Details)**	**Page No.**
Tank Farm Base Operations			
90	Vent and Balance	TBD	J-3.b-117
91	Steam Services	TBD	J-3.b-118
92	200 Area Industrial and Radioactive Liquid Effluents Treatment and Disposal and Industrial Liquid Effluents Retention and Transfer	TBD	J-3.b-119
93	WTP Support	TBD	J-3.b-120
Service No. (Click on Service Number to Link to the Table)	**Service Title**	**Contract Scope Source (222-S Laboratory Section Reference for Service Details)**	**Page No.**
Laboratory Services			
94	Integrated Analytical Planning	TBD	J-3.b-122
95	Highly Radioactive Sample Analytical Services	TBD	J-3.b-123
96	Sample Analytical Services	TBD	J-3.b-124
Service No. (Click on Service Number to Link to the Table)	**Service Title**	**Contract Scope Source (OccMed Section Reference for Service Details)**	**Page No.**
Occupational Medical Services			
97	Occupational Medical Services	Performance Work Statement	J-3.b-125
Service No. (Click on Service Number to Link to the Table)	**Service Title**	**Contract Scope Source (DOE Direct-Contracts Section Reference for Service Details)**	**Page No.**
DOE Direct-Contracted Services			
98	Personnel Security Services	Performance Work Statement	J-3.b-126
99	Laundry Services	Performance Work Statement	J-3.b-127
100	Janitorial Services	Performance Work Statement	J-3.b-128

Direct Funded Service and UBS

J-3.b Matrix Services	Definition of Services
Direct Funded Services	Mandatory services that may only be performed by the identified provider. These services include staff, equipment and facilities necessary to provide the service and are directly funded by DOE within the annual budget constraints for those services. Services are provided at no cost to eligible OHC (users).
Usage-Based Services (UBS)	Services that are self-consumed by the service provider themselves or charged to the Contractor requesting the service. This includes service requests that are above and beyond Direct Funded Services. Usage-Based Services are provided to Other Hanford Contractors (OHC) on a cost recovery basis exclusive of fee. The elements of cost may include the following: • Labor • Equipment • Material • Overtime • Program Allocation, including Government & Administrative Expenses

Direct Funded Services are provided based on the standard work hours of the receiving contractor as documented in the Governance Policy as discussed in Section C entitled, *Hanford Site Interface Management*.

Legend for Matrix – The legend for the primary matrix users/providers is as follows:

Legend For Matrix	
HMESC:	Hanford Mission Essential Services Contract – Provide essential services and infrastructure to the Hanford Site
CPCC:	Central Plateau Cleanup Contract – Safely operate nuclear facilities and conduct environmental remediation and waste management activities on the Hanford Site
TWCC:	Tank Waste Cleanup Contract – Safely store high-level waste and provide tank waste feed and operate the Waste Treatment and Immobilization Plant (WTP) in the Direct Feed Low-Activity Waste configuration
WTP Construction:	Waste Treatment and Immobilization Plant Construction Contract – Design, construction and commissioning the WTP High-Level Waste and Pretreatment Facilities
OccMed:	Hanford Occupational Medical Services Contract – Provide comprehensive occupational medical services to workers on the Hanford Site
222-S Lab:	222-S Laboratory Contract – Management and operation of the 222-S Laboratory which performs analysis of highly radioactive samples, vadose media, soils, water, industrial hygiene monitoring etc.
Other Site Users:	Examples include Energy Savings Performance Contractor (ESPC), Pacific Northwest National Laboratory (PNNL) [activities located on the Hanford Site], Laundry Services Contractor (LSC), Janitorial Services Contractor (JSC), Personnel Security Services Contractor (PSSC), and the U.S. Department of Energy (DOE), etc.
OHC:	Other Hanford Contractor – General term used to collectively refer to the above users/providers
MAPR:	Manhattan Project National Historical Park (MAPR) – Includes B Reactor National Historical Landmark and other landmarks as described in Section J, Attachment J-14 entitled, *Manhattan Project National Historical Park*. MAPR is not included as a site user unless specifically noted, While the MAPR (and the MAPR Contractor) may receive some services, at DOE discretion, MAPR is separate from the cleanup mission and is not subject to Hanford Site requirements. For the purpose of this J-3.b Matrix, MAPR is not considered an OHC.

Interface Types:

1. Information: Planning, knowledge (data, facts, etc.) gathered or supplied.
2. Physical: Systems in tangible contact (i.e., 'pipe-to-pipe'), or a physical exchange of product or materials.
3. Service: Provision of work for another contractor.

Service Types:

1. Mandatory – services may only be performed by the identified provider.
2. Optional – services may optionally be performed by another provider with adherence to Labor Law requirements related to Collective Bargaining Agreements.

Site Integration and Interface Management

Table J-3.b-1. Service Number 1, Hanford Site Integration

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
1	Hanford Site Integration	Information	**Provide service and receive input**	Provide input	Provide input	N/A	Provide input	Provide input	Provide input

Service Description

The Hanford Mission Essential Services Contract (HMESC) provides the U.S. Department of Energy (DOE) with an unfiltered forward-looking forecast of emerging cross-cut issues that could affect Hanford Site Contractors, and shall identify longstanding or emerging cross-cut issues that affect efficient Hanford Site operations and provide recommendations for improvement. Additionally, HMESC shall facilitate a contractor leadership council, facilitate crosscutting inter-contract Site integration opportunities and lead/facilitate DOE directed integration initiatives. Examples of integration activities include opportunities for more efficient utilization of site resources such as business systems, training, etc., and cross cutting issues such as traffic safety.

Direct Funded Services

Provide program administration and integration.

Usage Based Services

Service	Service Type	Clarifications
(N/A)		

Table J-3.b-2. Service Number 2, Infrastructure and Services Alignment Plan

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
2	Infrastructure and Services Alignment Plan (ISAP)	Information	**Provide Service and receive input**	Provide input	Provide input	Provide input	Provide input	Provide input	Provide input (Includes MAPR)

Service Description

ISAP is the strategic plan for right sizing the infrastructure to support the future Hanford Site Mission, and the Annual Forecast of Services and Infrastructure is a projection of needed utilities, services, and infrastructure from OHCs.

- DOE will evaluate contractor/user input prior to approval by DOE.
- Each Hanford Site Contractor identified as a service provider shall update Service Delivery Documents (SDD) for provided Hanford Site services per the J-3.b Table.
- Develop, maintain, and update an ISAP and the Annual Forecast of Services and Infrastructure, which includes the costs for services. Proposed changes in service providers shall include a justification and a plan forward.
- Solicit input from OHCs for the ISAP and the Annual Forecast of Services and Infrastructure, including projection of need for services and proposed performance metrics/controlling agreements for the HMESC.
- Develop and maintain master plans to analyze utilities, services, and infrastructure needs.
- Provide program administration and updates.
- Hanford Site Contractors bear internal implementation costs.

Direct Funded Services

Provide program administration and integration.

Usage Based Services

Service	Service Type	Clarifications
N/A		

Table J-3.b-3. Service Number 3, Hanford Site Interface Management

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
3	Hanford Site Interface Management	Information	**Provide service and receive input**	Provide input	Provide input	Provide input	Provide input	Provide input	Provide input

Service Description

HMESC maintains the Interface Governance Process and a repository for interface agreements that outlines the inter-relationships of interface management documents that help define the business structure whereby hundreds of work transactions take place daily between the various OHCs.

HMESC shall chair a Contractor Interface Board (CIB) to resolve inter-contractor issues in accordance with the Interface Governance Process; and OHCs shall participate in the CIB.

HMESC and OHCs will make every effort to improve mutual understanding and cooperation and to seek resolutions in the best interest of the Government, as opposed to an individual contractor's best interest.

Direct Funded Services

The HMESC shall bear the cost burden of managing and documenting the Interface Governance Process, and maintaining the repository for interface agreements.

Usage Based Services

Service	Service Type	Clarifications
N/A		

Table J-3.b-4. Service Number 4, Portfolio Analysis

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
4	Portfolio Analysis	Information	**Provide Service and receive input**	Provide input	Provide input	Provide input	Provide input	Provide input	Provide input

Service Description

Hanford Portfolio Planning, Analysis, and Performance Assessment consists of support to DOE in maintaining the integrated Life-cycle Baseline that optimizes the mission life cycle, enabling DOE to ensure cost and schedule efficiency while adequately anticipating and managing programmatic risk.

- Perform Hanford Site Portfolio integration, provide simulation and optimizing analysis tools, and coordinate and assist with integrated scheduling and performance evaluation.
- Provide Hanford Site Portfolio planning, develop and maintain an integrated Life-cycle Baseline to evaluate project and program performance.
- OHCs shall provide information to the HMESC, as necessary, to complete the Hanford Portfolio Planning, Analysis, and Performance Assessment activities.
- Hanford Site Contractors shall bear internal implementation costs.

Direct Funded Services

The HMESC shall bear the cost burden of program administration.

Usage Based Service

Service	Service Type	Clarifications/Exceptions
N/A		

Table J-3.b-5. Service Number 5, Requirements Management

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
5	Requirements Management	Service	**Provide software, training, and services and receive input**	Receive service and provide input	Receive service and provide input	N/A	Receive service and provide input	N/A	Receive service and provide input

Service Description

The requirements management software is used by the HMESC and OHCs to implement effective requirements management.

- The HMESC and OHCs requirements management software shall be implemented, in part, using commercially available requirements management software managed by the HMESC.
- The HMESC and OHCs shall manage their Internal Requirements Management System activities, develop suitable procedures for their use, and bear internal implementation costs.

Direct Funded Services

- Bear the cost burden of software and software administration, provided at no cost to OHCs. Includes initial and on-going training.
- Administer the software and provide initial and on-going training on its use.
- Establish and facilitate a Hanford Site-wide Requirements Management Forum for benchmarking best practices, consolidating feedback, and maintaining software configuration across the Hanford Site.

Usage Based Services

Service	Service Type	Clarifications
N/A		

Table J-3.b-6. Service Number 6, Contractor Assurance System

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
6	Contractor Assurance System (CAS)	Service	**Provide software, training, and services, and receive input**	Receive service and provide input	Receive service and provide input	N/A	Receive service and provide input	Receive service and provide input	Receive service and provide input, as applicable

Service Description

A Site-wide Business Standard for Contractor Assurance Systems and a software business enterprise suite (software) for use by DOE, the HMESC and OHCs.

- The CAS software shall be implemented, utilizing commercially available off-the-shelf software products (e.g., Audits and Assessments, Observations, Corrective and Preventive Action, Corrective Action Plan (CAP) Trending, Non-Conformance Reports, Employee Suggestions, General Actions).
- OHCs shall coordinate and interface with the HMESC to maintain configuration of the CAS software and Site-wide Business Standard for Contractor Assurance Systems. DOE will evaluate proposed changes prior to approval. Changes will be approved by DOE.
- The HMESC and OHCs shall utilize the software to enter contractor information in accordance with the Site-wide Business Standard for Contractor Assurance Systems.

The HMESC and OHCs shall manage their internal CAS activities, develop suitable procedures that implement the Site-wide Business Standard for Contractor Assurance Systems, and bear internal implementation costs.

Direct Funded Services

- Provide, implement, administer, and maintain a centralized CAS business enterprise suite. Includes initial and on-going training.
- Procure software and bear the cost burden of software administration provided at no cost to OHCs.
- Administer the software, and provide initial and on-going training.
- Establish and facilitate a site-wide CAS forum for the purposes of benchmarking best practices, consolidating feedback, and maintaining software configuration across the Hanford Site.
- Maintain the Site-wide Business Standard for Contractor Assurance Systems.
- Provide a designated CAS subject matter expert responsible for configuration management of the CAS software and Site-wide Business Standard for Contractor Assurance Systems.
- Collaborate with OHCs on the configuration of the CAS software and the Site-wide Business Standard for Contractor Assurance Systems.

Usage Based Services

Service	Service Type	Clarifications
N/A		

Utilities and Infrastructure

Table J-3.b-7. Service Number 7, Electrical Transmission, Distribution, & Energy Management

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
7	Electrical Transmission, Distribution, & Energy Management	Physical/Service	**Provide service and receive input**	Receive service and provide input	Receive service and provide input	Receive service and provide input per ICD 11 -Electricity	Receive service and provide input	Receive service and provide input	Receive service and provide input (Includes MAPR)

Service Description

Electrical Transmission, Distribution, & Energy Management is the management function of the high voltage electrical utility (100, 200, 400, and 600 Areas) consisting of a system for providing power to the facilities at the Hanford Site.

- OHCs shall provide annual electrical load forecast.
- OHCs shall provide input to the Hanford Site Electrical Utilities Master Plan.
- OHCs shall protect Hanford Site Systems against disruption and damage during performance of work and support Hanford Site Utility operations, maintenance, and closure of a service where appropriate.
- Electrical consumption costs to be paid directly by DOE.

Direct Funded Services

HMESC Shall:

- Supply electrical power to OHCs.
- Coordinate with OHCs to obtain the following:
  - Energy cost and consumption data for the Annual Energy Conservation Performance Report;
  - Facility shut down constraints and impacts due to fuel reductions for the Emergency Conservation Plan;
  - Facility electrical load information for the annual electrical load forecast; and
  - Other facility electrical or energy information, as needed.
- Maintain the Electrical Distribution System. The interface (demarcation) point between the HMESC's Electrical Distribution System and OHCs facilities electrical system is routinely the connection at the secondary side of the building service transformer (the HMESC also owns the electrical meters). However, there may be some facilities where the systems interface is located at a different connection point. The interface points are identified on the Electrical Utility Switching System Diagram Drawings and shall also be documented in interface agreements.

Usage Based Services		
Service	**Service Type**	**Clarifications**
Support for direct mission related projects and outage requests	Mandatory	Activities affecting transmission and distribution systems based on mission requirements; this includes, but is not limited to, engineering, reviews, permits, upgrade costs, and supervision. OHCs may enter into a service-provider relationship with the HMESC and/or other utility providers for the operation, maintenance, and/or closure of all or part of their internal utility systems.
Excavation support	Mandatory	Standby for excavation activities related to Transmission and Distribution System.
Permits and reviews	Mandatory	
Electrical utilities support past demarcation point that separates the Site transmission and distribution system from building/landlord electrical systems	Optional	Support required to meet project/buildings needs past the demarcation point owned by electrical utilities.
Temporary electrical setup	Optional	Applies to secondary side of the transformer.

Table J-3.b-8. Service Number 8, Water Systems

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
8	Water Systems	Physical/Service	**Provide service and receive input**	Receive service and provide input	Receive service and provide input	Receive service and provide input per ICD 01 –Raw Water and ICD 02 – Potable Water	Receive service and provide input	Receive service and provide input	Receive service and provide input

Service Description

The Water System function is a water utility service (the geographic areas to be served are the 100 [B and C], 200, and 600 Areas).

- OHCs shall input to the Water System Master Plan and collaborate on development of interface.
- There is no charge for raw/potable water consumption.

Direct Funded Services

- Manage the Water System in accordance with interface agreements established with the OHCs being served and in accordance with guidance documents cited in state regulations for water systems, and maintain the existing Water System Master Plan. The plan shall document a strategy for managing repairs, life extensions, replacements, cross-connection control, and deactivations for facilities and equipment for the water systems within the scope of this contract over a 10-year planning horizon.
- Perform operation and Site-wide upgrades of Water Systems, compliance, monitoring, and sampling, maintenance of support structures, systems, and components, operation and maintenance of the Water Treatment Plant, and perform water administration duties.
- Provide a “purveyor” (in accordance with the Washington Administrative Code and other state regulations).
- Maintain responsibility for the Water Distribution System up to and including the first off-valve or demarcation point outside the customer’s facility or complex of facilities. The customer or facility maintains responsibility for lines downstream of this agreed-upon point. On side-by-side multiple valve isolations and backflow assemblies, the facility assumes responsibility from the discharge side of the downstream isolation valve. For WTP Facility, the demarcation point is the premise isolation backflow prevention at the fence line.
- Eliminate and remove services and equipment that are no longer required, and align the remaining systems and equipment with Hanford Site and project missions.
- Replace fixed and system-related utilities with temporary services or permanent independent packaged systems as appropriate.
- Develop a map and/or further interface agreements/plans specifying details of exactly where the demarcation points occur near each facility or complex of facilities.

Usage Based Services		
Service	**Service Type**	**Clarifications**
Direct, mission-related upgrade projects	Mandatory	Paid for by the Hanford Site Contractor requiring the upgrade to Water System.
Water permits for OHCs new facilities	Mandatory	
Water System Contaminant Monitoring Management	Optional	Water systems outside of service provider's contract.
Potable water backflow preventer testing	Mandatory	
Pipeline sanitization and sampling for OHCs	Mandatory	Service past the demarcation point only.
Project support from Water System Organization	Mandatory	This includes, but is not limited to, the following types of work: water tie-ins, hydrant tie-ins, water disconnects/isolation, lock and tag, standby attendants, engineering, reviews and temporary water connections.
Potable water filling services	Optional	

Table J-3.b-9, Service Number 9, Sewer Systems

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
9	Sewer Systems	Physical/Service	**Provide service and receive input***	Receive service and provide input	Receive service and provide input	Optional	Receive service and provide input	Receive service and provide input	Receive service and provide input (PNNL provides service in the 300 Area)*

Service Description

Sewer System operations provide sewer pumper truck services and collection of sewage through piping for treatment and disposal in subsurface soil absorption systems. The geographic areas to be served are the 100, 200, and 600 Areas.

- OHCs shall provide input to the Sewer System Master Plan.
- The WTP Construction Site Sewer System is excluded from the scope of this contract.
- There are approximately 50 septic tank/subsurface soil absorption systems of which approximately 44 percent of the systems are permitted with the State of Washington Department of Health (DOH) and the remaining are not permitted. DOH will not allow new connections to or modifications to these non-permitted systems without updating to permit standards. There are approximately 15 holding tanks that are permitted with DOH.

Direct Funded Services

- Operate, maintain, and manage the Hanford Site Sanitary Sewer Systems and 200 West Evaporative Lagoon, including compliance sampling; maintenance of support structures, systems, and components; and performance of sewer administration duties in accordance with the State of Washington Sanitary Sewer Regulations.
- Manage, operate, and maintain the sewer systems in accordance with the state laws, regulations and guidance documents cited in state regulations for sewer systems.
- Monitor components for signs of impending failure, with selective maintenance performed when appropriate, to extend the operating life when necessary.
- Perform necessary activities to ensure safe operations and compliance to applicable laws and regulations such as: flow data tracking; drain field rotations; filter inspection/cleaning; drain field monitor port inspections; tank pumping, electrical component inspection; and alarm response.
- Conduct flow data calculations and assessments; submit annual reports to DOH.

- Sign and submit monitoring, inspection, and maintenance reports for the sewer systems to DOH.
- Update the existing Sewer System Master Plan.
- OHCs shall provide input to the Hanford Site Sewer System Master Plan.

Usage Based Services

Service	Service Type	Clarifications
Direct, mission-related upgrade projects	Mandatory	Paid for by the Hanford Site Contractor requiring the upgrade to Sewer System.
Sewer permits for OHCs new facilities	Mandatory	
Sampling for OHCs	Mandatory	Service past the demarcation point only.
Project support from Sewer System Organization	Mandatory	This includes, but is not limited to, the following types of work: sewer tie-ins, drain field testing, sewer disconnects/isolation, lock and tag, standby attendants, engineering, reviews and temporary sewer connections.
Sewer pumping services	Optional	
300 Area Sewer Service*	Mandatory	PNNL will provide 300 Area Sewer Service. OHCs will receive the service.

Table J-3.b-10. Service Number 10, Sanitary Waste Management & Disposal

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
10	Sanitary Waste Management & Disposal	Service	**Provide service and receive input**	Receive service and provide input	Receive service and provide input	Optional	Receive service and provide input	Receive service and provide input	Receive service and provide input

Service Description

Sanitary Waste Management and Disposal function consists of waste collected from onsite dumpsters and transported to offsite landfills for disposal.

OHCs shall request and provide requirements for service.

Direct Funded Services

Service scope funded through the HMESC and provided at no cost to OHCs includes:

- Delivery of sanitary waste dumpsters.
- Pick up, inspect, and dispose of non-radioactive, non-hazardous dry waste.
- Management and oversight of Hanford Site Sanitary, Inert, and Demolition Waste Landfills that are currently in operation or closed. Construction debris that meets the Washington Administrative Code is disposed onsite in former borrow pits.
- Provide lysimeter maintenance and monitoring, leachate collection and disposal, and methane gas monitoring (eight-wells) for the Hanford Solid Waste Landfill; also includes fence repair, annual benchmark integrity, soil stabilization, weekly inert and demolition landfill inspection, and quarterly inspection.
- Provide oversight of offsite contracts for solid municipal waste, non-regulated drummed waste, asbestos waste, and medical waste.
- Collect waste from onsite dumpsters, and transport to offsite landfills for disposal.

Usage Based Services

Service	Service Type	Clarifications
Delivery and disposal of sanitary waste for roll off boxes	Optional	These are additional requests for waste disposal and transport of roll off boxes; usually for demolition/construction debris.

Table J-3.b-11. Service Number 11, Roads and Ground

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
11	Roads and Grounds	Service	**Provide service and receive input**	Receive service and provide input	Receive service and provide input	Receive service and provide input per ICD 12 -Roads	Receive service and provide input	Receive service and provide input	Receive service and provide input (except PNNL off Hanford Site)

Service Description

Roads consist of primary and secondary Hanford Site Roadways. This includes road maintenance, 24/7 snow removal, and traffic management. Maintain the common grounds to ensure public/worker safety and environmental integrity within the 200, 300, and 600 Areas.

- OHCs to participate in annual Snow Removal Plan.
- Snow Removal includes designated facilities, parking lots and walkways per the Hanford Snow Removal Plan.
- OHCs to participate in annual development of Parking Lot Designation List, General use Facilities List, and Common Ground Maintenance Map.

Direct Funded Services

- Maintain primary and secondary Hanford Site Roadways, to include maintenance, snow removal, patching/paving, striping, traffic management and other road maintenance services.
- Perform maintenance of common grounds. Activities in this area are for general use areas only and include perimeter fence/sign maintenance at the Hanford Site Boundaries; lawn and landscape care; annual inspection and maintenance of gravel pits; general area cleanup; sweeping sidewalks; sweeping parking lots, parking lot repairs and repairing bumper blocks.
- Perform General Use Parking Lot routine maintenance and repairs. (General Use: i.e. A General Use Parking Lot is one that is used by more than one Hanford Site Contractor to support a building complex with multiple facilities. Contractor Dedicated: Hanford Site Contractors have in their contracts a list of contract dedicated facilities (per Structure List in Section J of each contract). When a parking lot is located adjacent to a contractor-dedicated facility, and the parking lot is only used by that contractor and their subcontractors, that parking lot is considered Contractor Dedicated.
- Make recommendations to restrict access and make the appropriate notifications of restricted access or closure to DOE and other OHCs in the event that roads are unsafe for travel.
- Provide snow removal at shared buildings, parking lots and walkways (per the Hanford Snow Removal Plan).
- Develop a database and map to further define exactly where direct funded services are to be provided for maintenance of common grounds, snow removal and road maintenance.
- OHCs shall provide input to the Hanford Roads Master Plan.

Usage Based Services		
Service	**Service Type**	**Clarifications**
Parking lot routine maintenance and repairs	Optional	Contractor-dedicated Parking Lots and Sidewalks associated with other contractors are not included in this work scope. Service provider may provide these services to other OHCs upon request and on a reimbursable basis.
Snow removal for parking lots and sidewalks	Optional	Contractor-dedicated Parking Lots and Sidewalks associated with other contractors are not included in this work scope. Service provider may provide these services to other OHCs upon request and on a reimbursable basis.

Table J-3.b-12. Service Number 12, Railroad System

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
12	Railroad System	Physical/Service	**Provide service and receive request**	Request service	Request service	Request service	Request service	Request service	Request service

Service Description

The Hanford Site Railroad System consists of approximately 40-miles of Class II track and one signal crossing between Horn Rapids Road and the 200 West Area.

- OHCs shall request and provide requirements for service.
- Coordinate with OHCs, projects, and offsite entities prior to and during onsite rail movements, including placement of "flaggers" at necessary intersections, taking proper security actions, and making Hanford Site notifications.
- Maintain and operate the Rail System on the Hanford Site, as required.

Direct Funded Services

- Maintain the track at a Class II level including, but not limited to, rails, ties, and rail bed, consistent with supporting Energy Northwest shipments, and in accordance with Federal Railroad Administration regulation.
- Maintain railroad and road intersections to ensure the safety of vehicles crossing the intersection.

  Provide planning as required.

Usage Based Services

Service	Service Type	Clarifications
Railroad usage on the Hanford Site	Mandatory	OHCs receiving the service pay the costs related to usage of the rail service including but not limited to loading/offloading, flaggers, support personnel, transport costs, security, upgrades, and permits. This includes the 40-miles of the Hanford Site Railroad System, or portion thereof required to support the requested service.

Transportation

Table J-3.b-13. Service Number 13, Motor Carrier Services

Service No.	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
13	Motor Carrier Services	Service	**Provide Service and receive input**	Receive service and provide input	Receive service and provide input	N/A	Receive service and provide input	Receive service and provide input	Receive service and provide input

Service Description

Act as the Hanford Site Motor Carrier similar to a commercial motor carrier. Motor Carrier Services provides a ready-to-serve, centralized pool of commercial motor vehicles and qualified drivers for onsite and limited commerce transportation of general freight and hazardous materials, including radioactive materials and radioactive mixed waste.

The HMESC shall:

- Provide program management: Manage, schedule, and conduct motor carrier services.
- Maintain and operate a centralized pool of vehicles and qualified drivers for onsite and limited commercial carrier operation in accordance with the Federal Motor Carrier Safety Regulations and Hanford Site Transportation Safety Document.
- Comply with Department of Transportation (DOT), Title 49 Code of Federal Regulations, *Federal Motor Carrier Safety Regulations*, for onsite activities.
- Provide Motor Carrier liability insurance for vehicles/drivers in the HMESC's Motor Carrier Services Program that are assigned to OHCs as required by the DOT Program.

OHCs shall:

- Provide input to the Motor Carrier Services Master Plan.
- Prepare freight for shipment (packaging the freight) and provided associated documentation or direct a pickup of freight from a particular Hanford Site Contractor or Vendor.
- As customers of this service prepare the waste for transport including shipper/receiver agreement documents, transportation documents for packaging, transportation and receipt by the receiving facility.

Direct Funded Services

N/A

Usage Based Services		
Service	**Service Type**	**Clarification**
Motor Carrier Ready-to-Serve Operations	Mandatory	This is for government owned vehicles only, which are part of the Fleet Equipment Program.
Transportation of hazardous materials	Mandatory	Pickup and delivery to Site customers as requested, includes transportation of DOT Cargo Tankers on and offsite (i.e., compressed gas cylinders, propane); does not include coordination, loading, or unloading.
Fuel delivery	Mandatory	Refueling of gasoline and diesel powered equipment across the Hanford Site. Where conditions warrant, deviations from fuel delivery activities will be mutually agreed upon between the contractors.
Support office moves	Mandatory	Supply customer with required transportation equipment, including qualified driver. Does not include move coordinator, technicians, or movers.
Onsite records transport	Mandatory	Transport and handling of record materials between customer and storage facilities throughout the Hanford Site. Does not include loading or unloading.
Transportation of hazardous and/or radioactive waste	Mandatory	Transportation of waste drums, DOT-approved hazmat containers, recyclable materials, radioactive shipments, rolling road closure shipments. OHCs who are customers of this service prepare the waste for transport including shipper/receiver agreement documents, transportation documents for packaging, transportation and receipt by the receiving facility. Only includes qualified driver and vehicle to transport hazardous material and waste. Does not include loading or unloading.
Provide truck transport onsite	Optional	The Hanford Site Contractor will prepare freight for shipment (packaging the freight) and provide associated documentation or direct a pickup of freight from a particular Hanford Site Contractor or Vendor. This does not include parcel delivery of boxes.
Heavy equipment transportation	Mandatory	Site-wide hauling of government owned and leased equipment, attachments, and vehicles, including wrecker services. Heavy weight transportation for items 8,000 lbs. and above includes pilot car, flaggers, and specialized transport. Does not include permits or required spotters during transportation of items to customer.

Pickup at local vendors as requested	Optional	Transportation of materials and supplies from local area vendors as requested by customers. Provide customer required equipment and driver to pick up vendor purchased items offsite and deliver to onsite customers. Onsite contractors may have vendor supply items directly to warehouse or projects.
Upon mutual agreement, the Contractor may provide a limited number of specialized vehicles/equipment and drivers to OHCs to support the efficient management of resources	Optional	Vehicles/equipment provided by the HMESC will remain in the HMESC's Fleet Maintenance Programs (Loan Program). The user will supply personal protective equipment (PPE), supervision, work package development, and training required to perform activities. Specialized Equipment: Guzzler – Non Regulated
Guzzler – Regulated	Mandatory	Regulated Guzzler (permitted for radiologically contaminated or potentially radiologically contaminated soil, operation subject to the limits & conditions of applicable radiological air permit and procedure). The user will supply PPE, supervision, work package development, and training required to perform activities.

Table J-3.b-14. Service Number 14, Fleet Services

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
14	Fleet Services	Service	**Provide service and receive input**	Receive service and provide input	Receive service and provide input	N/A	Receive service and provide input	Receive service and provide input	Receive service and provide input

Service Description

Fleet Services administers and manages a fleet of centralized motorized vehicles and equipment including, but not limited to sedans, pickups, vans, busses, ambulances, tractors, flatbeds, dump trucks, tool vans, utility maintenance vans, cab and chassis, trailers, forklifts, cranes, generators, compressors, excavators, frontend loaders, dozers, wreckers, and fuel tankers.

The HMESC shall:

- Provide management and coordination, statistical usage tracking, and reporting on General Services Administration (GSA)-leased vehicles and reporting on DOE-owned vehicles/equipment; perform vehicle and equipment repair and modification services as required (e.g., in the 200 Area); and perform record-keeping, vehicle assignment, excess/disposal of fleet vehicles and parts, ensuring vehicle utilization. Some vehicles are designated as “regulated” due to contamination and are required to be serviced within radiologically controlled areas.
- Provide overall management of Fleet Services.
- Conduct hiring, training, and qualification of Fleet Management Personnel.
- Administer acquisition, control, assignment, and disposal of Fleet Equipment.

OHCs shall:

- Provide input to the Fleet Services Master Plan.
- Request and provide requirements for service. Those using Fleet Services shall provide report input.

Direct Funded Services

N/A

Usage Based Services

Service	Service Type	Clarifications
Administration of the GSA Vehicle Lease Program	Mandatory	
Management of DOE Fleet Equipment and Fleet Maintenance Program	Mandatory	
Fleet facilities maintenance, operations support, consumables, fuel, maintenance, parts, and labor for the DOE Fleet	Mandatory	
Routine preventive maintenance, corrective maintenance and inspections in accordance with manufacturer specifications, GSA schedules, and Occupational Safety and Health Administration Safety Regulations	Mandatory	
Performance of GSA non-reimbursable services, such as in-the-field service calls (including towing)	Mandatory	
Major component repair and reconstruction of failed major operating and drive train components	Mandatory	
Auto body, glass and upholstery repair services	Mandatory	
Performance of customer-specified non-maintenance mechanical support, vehicle and equipment modifications, auxiliary equipment installation and transfer, accident damage repair, and special fabrication services	Mandatory	
Purchase of bulk fuel for heavy equipment located in the field	Mandatory	Delivery is through Motor Carrier.
Inspect, maintain, and repair plant/facility stationary engine-driven emergency and operations mechanical equipment installed in operating plants and facilities.	Mandatory	

Table J-3.b-15. Service Number 15, Crane and Rigging

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
15	Crane and Rigging	Service	**Provide service and receive input**	Receive service and provide input	Receive service and provide input	N/A	Receive service and provide input	Receive service and provide input	Receive service and provide input

Service Description

Crane and Rigging is a centralized pool of equipment and manpower for use at the Hanford Site. Service includes mobile crane pool, coordinate rental and movement of cranes, preventative maintenance inspections, scheduling of necessary repairs, crew, and supervision of crane crews.

The HMESC shall:

- Maintain rigging equipment and cable fabrication equipment.
- Chair the Site Hoisting and Rigging Committee.
- Maintain the Hanford Site Hoisting and Rigging Manual and Hanford Site Hoisting and Rigging Intranet Website.
- Certify cranes, rigging equipment, and operators.
- Perform Site critical lift reviews and approvals.

OHCs shall provide input to the Crane and Rigging Master Plan.

Direct Funded Services

N/A

Usage Based Services

Service	Service Type	Clarifications
Manage and Schedule Crane Operations	Mandatory	Regulated Cranes are Mandatory Services.
Ready-to-Serve Crane Pool	Mandatory	Maintenance is through Fleet Services.
Perform critical lift reviews and analysis	Mandatory	

Provide technical support and maintain Hanford Site Hoisting and Rigging Requirements for Hanford Site Contractors	Mandatory	
Crane and Rigging Crews Rentals	Mandatory	
Equipment and labor provided for services including hoisting, rigging, inspections, load tests, equipment hauling, and below the hook fabrications	Mandatory	
Assemble, erect, and disassemble scaffolding	Optional	

Safeguards and Security

Table J-3.b-16. Service Number 16, Protective Forces

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
16	Protective Forces	Information/ Service	**Provide Service and receive input**	Receive service and provide input	Receive service and provide input	N/A	Receive service and provide input	Receive service and provide input	Receive service and provide input

Service Description

Protective Forces provides security for facilities possessing critical SAS interests (e.g., special nuclear materials, classified materials, industrial assets, and mitigate and deter radiological and toxicological sabotage events). Coverage is provided 24/7 via the Hanford Patrol.

OHCs shall provide facility, operational, and system configuration changes that may affect Protective Force operations. PNNL shall pay for protective force services (i.e., alarm monitoring) that are provided to them off the Hanford Site.

Direct Funded Services

- Protective Forces (Hanford Patrol) and operations.
- Hanford Patrol provides random and special searches as required.
- Patrol Operations Center provides emergency dispatch capability to the entire Hanford Site.

Usage Based Services

Service	Service Type	Clarifications
N/A		

Table J-3.b-17. Service Number 17, Physical Security Systems (Nuclear Material, Special Nuclear Material and Classified Matter)

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
17	Physical Security Systems (Nuclear Material, Special Nuclear Material, and Classified Matter)	Information/ Service	**Provide service and receive input**	Receive service and provide input	Receive service and provide input	N/A	Receive service and provide input	Receive service and provide input	Receive service and provide input

Service Description

Physical Security under this activity is for accountable quantities of nuclear and classified materials, including performance testing, intrusion detection, entry/access control, explosive detection and engineering and maintenance of the Physical Security and Access Control Systems.

- OHCs shall provide information about SAS arrangements and/or changes prior to new operations commencing, or changing operations or configurations that might alter the performance of existing SAS Systems.
- OHCs shall support in the development of or update of facility Asset Protection Agreements, and requesting locksmith services.

OHCs physical security upgrades within the facility may be shared costs by the Hanford Site Contractor that has responsibility for the facility. PNNL shall pay for services that are provided to them off the Hanford Site.

Direct Funded Services

- Provide Security Representatives for facilities or groups of facilities where there are important SAS Assets.
- Develop or assist in the development of facility asset protection requirements, and conduct annual reviews of Asset Protection Agreements.
- Design security system upgrades for existing facilities with changing requirements and design security systems for new facilities.
- Provide support for keys and Access Control Systems for the protections of Government Property and nuclear materials, including special nuclear materials, classified matter and facilities.
- Provide performance testing, intrusion detection/assessment, entry/access control, and explosive detection.
- Physical locksmith services and program are provided in locksmith services.
- Provide engineering and maintenance as support for design and maintain physical security and access control systems for Category I and II special nuclear material (SNM) locations, radiological/toxicological targets, and industrial security activities.

Usage Based Services

Service	Service Type	Clarifications
N/A		

Table J-3.b-18. Service Number 18, Physical Security Systems (Government Property)

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
18	Physical Security Systems (Government Property)	Information/ Service	**Provide service and receive input**	Receive service and provide input	Receive service and provide input	N/A	Receive service and provide input	Receive service and provide input	Receive service and provide input; N/A for PNNL off the Hanford Site.

Service Description

Physical security under this activity is for Government Property other than nuclear material, special nuclear material, and classified.

- OHCs shall bear costs of physical security upgrades.
- OHCs shall support in the development of or update of facility Asset Protection Agreements and implement those agreements.

Direct Funded Services

- Develop or assist in the development of facility asset protection requirements and conduct annual reviews of Asset Protection Agreements.
- Provide Technical and Engineering Security services support and review only as required for the design and/or turnover of new facilities.
- Provide program administration.
- Provide entry/access and control review only.
- Physical locksmith services and program are provided in locksmith services within the J-3.b Table.

Usage Based Services

Service	Service Type	Clarifications
N/A		

Table J-3.b-19. Service Number 19, Physical Security Badging

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
19	Physical Security – Badging	Information/ Service	**Provide Service and receive input**	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input, N/A for PNNL

Service Description

A DOE security badge is utilized for DOE and contractor personnel to gain access to DOE-owned or -leased facilities or areas where DOE-sponsored work is ongoing.

- OHCs shall participate in "STOP ACCESS" Program.
- OHCs shall bear internal implementation costs.

Direct Funded Services

- Provide badging services for the Hanford Site, which includes request, process, receipt, issuance, final disposition, control, and accountability for DOE Standard, Hanford Specific, Temporary, and Personal Identify Verification Badges.
- Provide badging services for the Hanford Site, which includes issuance, final disposition, control, and accountability for Hanford Local Security Site Only (LSSO) smart card Commercial identity Verification (CIV) credentials, LSSO non-smart card CIV credentials, and temporary badges (e.g., visitor badges).Coordinate and initiate "STOP ACCESS" Procedures and control.
- Manage and operate the Central Badging Office.
- Provide compute (hardware and software) systems, image capture equipment, printers, badge stock, and other infrastructure support items to the Visitor Control Office, and the receptionist badging location within 2420 and 2430 Stevens Center Place.
- Control and maintain the Hanford Site Personnel Security Clearance Record System and the Digital Imaging System, complete required database/hardware/software upgrades; and provide programming support when new badge configuration becomes necessary.
- Conduct fingerprinting in support of security clearance processing, and HSPD-12 PIV Credential issuance activities.
- Assist Hanford Site Customers with the badging of guests, visitors, temporary workers, and company sponsored tours of Hanford Site Areas and Facilities.

Usage Based Services

Service	Service Type	Clarifications
N/A		

Table J-3.b-20. Service Number 20, Information Security – Operations Security (OPSEC)

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
20	Information Security – Operations Security (OPSEC)	Information/ Service	**Provide service and receive input**	Receive service and provide input	Receive service and provide input	N/A	Receive service and provide input	Receive service and provide input	Receive service and provide input

Service Description

The OPSEC Program helps ensure that sensitive information is protected from compromise and secured from unauthorized disclosure and provides management with necessary information required for sound risk management decisions concerning the protection of sensitive information.

- OHCs shall implement their internal OPSEC responsibilities, participate and support Hanford Site-wide OPSEC Working and Awareness Groups; provide support to the HMESC OPSEC Assessments; and support the Annual Site OPSEC Threat Assessment and preparation of the annual OPSEC Plan.
- OHCs shall bear internal implementation costs.

Direct Funded Services

- Implement and manage OPSEC Program Administration.
- Implement a Hanford Site-wide Program; assure conformity of implementation with OPSEC Standards and Requirements; conduct assessment(s) of Hanford Site Facilities having Category I SNM (or credible roll-up to Category I SNM); conduct reviews of Hanford Site Facilities that have the potential to process or store classified or sensitive information; and conduct the Annual Site OPSEC Threat Assessment and prepare the annual OPSEC Plan.

Usage Based Services

Service	Service Type	Clarifications
N/A		

Table J-3.b-21. Service Number 21, Information Security – Classified Matter Protection and Control (SMPC); Classification, Declassification and UCNI Program

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
21	Information Security – Classified Matter Protection and Control (CMPC); Classification, Declassification, and UCNI Program	Information/ Service	**Provide service and receive input**	Receive service and provide input	Receive service and provide input	N/A	Receive service and provide input	Receive service and provide input	Receive service and provide input (Includes MAPR)

Service Description

The CMPC Program establishes control and accountability requirements for classified matter, marking of classified matter, reproduction, receipt, transmission, and destruction, and physical protection requirements for classified matter in storage.

- OHCs are responsible for maintaining an updated list of security containers, locations and custodians; support investigations of incidents of potential or actual compromise of classified; and nominate a sufficient number of Derivative Classifiers and Reviewing Officials who shall be trained and approved by service provider.
- OHCs shall provide input on critical infrastructures.
- OHCs shall bear internal implementation costs.

Direct Funded Services

- Provide a centralized CMPC, Classification, Declassification and Unclassified Controlled Nuclear Information (UCNI) Program that includes operation and management of the Classified Document Control Center and management of classified information in the records holding area.
- Ensure information systems critical to the Hanford Site Mission requiring protection from internal and external threats are maintained.
- Provide the program and requirements to assure critical infrastructures are maintained.
- Provide trained and authorized personnel to conduct inquiries for incidents of security concern, maintain the reporting database, and assist the contractor in report writing as required.
- Administer the Technical Surveillance Countermeasures (TSCM) Program for the Hanford Site.
- Assess facilities that qualify for TSCM Services to support processing of classified information and ensure compliance.
- Conduct inquiries for incident of security concern.

Usage Based Services

Service	Service Type	Clarifications
N/A		

Table J-3.b-22. Service Number 22, Information Security – Controlled Unclassified Information (CUI)

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
22	Information Security – Controlled Unclassified Information (CUI)	Information/ Service	**Provide service and receive input**	Receive service and provide input	Receive service and provide input	N/A	Receive service and provide input	Receive service and provide input	Receive service and provide input

Service Description

The CUI Program establishes controls to protect sensitive unclassified information, including Official Use Only (OUO) information.

- OHCs shall manage and implement a CUI Information Program consistent with the common Hanford Site-wide CUI Information Program.
- OHCs shall bear internal implementation costs.

Direct Funded Services

- Provide program administration. OHCs bear internal implementation costs.
- Manage, integrate, and oversee implementation of a common Hanford Site-wide CUI Program to ensure conformity of implementation by performing OHCs and coordination of CUI education and awareness.
- Provide training for OHCs.
- Coordinate and perform CUI education and awareness to include training for Subject Matter Expert (SME) from each company. Does not include training costs, which are paid by user.

Usage Based Services

Service	Service Type	Clarifications
N/A		

Table J-3.b-23. Service Number 23, Personnel Security – Access Authorization (Security Clearance Processing Program)

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
23	Personnel Security – Access Authorization (Security Clearance) Processing Program	Information/ Service	**Provide service and receive input**	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input; N/A for PNNL

Service Description

The Access Authorization (Security Clearances) Program involves processing, granting, and allowing individuals to retain an access authorization when their official duties require access to classified information, matter, or SNM.

- OHCs shall request and obtain personnel security clearances, including “Special Access” from the HMESC.
- OHCs shall bear internal implementation costs.

Direct Funded Services

- Provide Program Administration and Operations. Contractors will be charged by DOE for badge requests, but the service to provide information and processing is no charge to OHCs.
- Process security clearances in support of OHCs. These activities include requesting, obtaining, maintaining, downgrading and terminating security clearances, including "Special Access" privileges (e.g., SIGMA). The Clearance Processing Program shall include reviews of each requested clearance action to ensure adequate justification exists and that reporting requirements are met.
- Access Authorization (Security Clearance) Processing Program.

Usage Based Services

Service	Service Type	Clarifications
N/A		

Table J-3.b-24. Service Number 24, Personnel Security – Human Reliability Program (HRP)

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
24	Personnel Security – Human Reliability Program (HRP)	Information/ Service	**Provide service and receive input**	Receive service and provide input	N/A	N/A	N/A	Receive service and provide input	N/A

Service Description

The HRP on the Hanford Site is designed to ensure that individuals who occupy positions affording access to special nuclear material and classified materials programs meet the highest standards of reliability and physical and mental suitability.

- OHCs shall identify HRP positions, submit requests for enrollment in the Hanford Site HRP, and execute their portion of the HRP consistent with the Hanford Site HRP.
- OHCs shall bear internal implementation costs.

Direct Funded Services

- Provide administration, coordinate and track Hanford Site drug and alcohol testing required for HRP, and notify OHCs of drug and alcohol testing results.
- Administer the HRP, including initial and refresher training.

Usage Based Services

Service	Service Type	Clarifications
N/A		

Table J-3.b-25. Service Number 25, Personnel Security – Foreign National Visits and Assignments (FNVA)

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
25	Personnel Security – Foreign National Visits and Assignments (FNVA)	Information/ Service	**Provide service and receive input**	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input; N/A for PNNL

Service Description

FNVA pertains to unclassified (and potentially classified) foreign national access to the DOE Hanford Site for information and technologies.

- OHCs shall notify the HMESC of potential foreign visitor or assignment, and prepare and submit security plans to service provider for processing of the visit/assignment.
- OHCs shall bear internal implementation costs.

Direct Funded Services

- Provide administration.
- Process Security Plans for foreign visitors to Hanford Security Areas, coordinate FNVA requests, and submit to the appropriate contractor FNVA authority for approval.
- Process and request, through USAccess, non-clearance HSPD-12 PIV credentials in support of Hanford Site Contractors.
- Train foreign nationals and their sponsors on Site access and other procedures governing the oversight of foreign national employees, guests and visitors.
- Process FNVA approvals via the appropriate Hanford Site Company Presidents and/or their direct report designees.
- Process Official Foreign Travel.

Usage Based Services

Service	Service Type	Clarifications
N/A		

Table J-3.b-26. Service Number 26, Nuclear Material Controls and Accountability (MC&A)

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
26	Nuclear Material Controls and Accountability (MC&A)	Information/ Service	**Provide service and receive input**	Receive service and provide input	Receive service and provide input	N/A	Receive service and provide input	N/A	N/A

Service Description

The MC&A Program provides control and accountability of nuclear materials within DOE.

- OHCs shall support in preparation and maintenance of a Hanford Site-wide MC&A Plan (MCAP), administration of treaty related activities, performance of occurrence investigation and reporting, and scheduling of periodic inventories.
- OHCs shall implement MC&A requirements in accordance with the Hanford Site-wide MCAP. OHCs are required to implement facility specific requirements.
- OHCs shall manage accountable nuclear material in accordance with the Hanford Site-wide MCAP and correct performance/compliance deficiencies identified with the management of accountable nuclear material.
- OHCs shall bear internal implementation costs.

Direct Funded Services

- Manage and conduct a centralized MC&A Program for control, verification and accountable quantities of nuclear material on the Hanford Site, and approve implementing procedures of OHCs.
- Provide a Hanford Site-wide MCAP and implementing procedures.
- Provide material accounting and reporting services.
- Conduct oversight, testing, and assessment of possessing contractor adherence to the requirements in the Hanford Site-wide MCAP.
- Develop variances and safeguards termination letters.

Usage Based Services

Service	Service Type	Clarifications
N/A		

Table J-3.b-27. Service Number 27, Safeguards and Security (SAS) Program Management

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
27	Safeguards and Security (SAS) Program Management	Information/ Service	**Provide service and receive input**	Receive service and provide input	Receive service and provide input	N/A	Receive service and provide input	Receive service and provide input	Receive service and provide input, N/A for PNNL

Service Description

SAS Program Management provides formal organized process for planning, performing, assessing, and improving the secure conduct of work in accordance with risk-based protection strategies.

- OHCs shall coordinate and interface on SAS Program Management regarding SAS technical, cost, and schedule performance; comply with Security Conditions (SECON) activities; support the Site Safeguards and Security Plan (SSSP) development, etc.
- OHCs shall manage their internal SAS Program Management activities.
- OHCs shall bear internal implementation costs.

Direct Funded Services

Establish, manage, integrate, execute, and evaluate the processes and services that comprise the SAS Program Management, such as Program Planning, Oversight, and Administration; SECON; SSSP; Vulnerability Assessments; Design Basis Threat; and safeguards and security training.

Usage Based Services

Service	Service Type	Clarifications
N/A		

Table J-3.b-28. Service Number 28, Safeguards and Security (SAS) Awareness

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
28	Safeguards and Security (SAS) Awareness	Information/ Service	**Provide service and receive input**	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input, N/A for PNNL

Service Description

SAS Awareness Program is used to inform Hanford Site Federal and Contractor Employees, subcontractors, and visitors of their SAS responsibilities and to promote continuing awareness of good security practices.

- OHCs shall comply with the requirements of the Hanford Security Awareness Program, as administered by the HMESC.
- OHCs shall bear internal implementation costs.

Direct Funded Services

- Provide SAS Awareness Program and training for Hanford Site Federal and Contractor Employees, Subcontractors, and Visitors; and conduct security training for permanently badged employees on an initial and annual frequency to maintain appropriate levels of awareness.
- Coordinate with DOE, and OHCs to maintain awareness of Hanford Site-wide Security issues/topics and incorporate them into the Security Awareness Program, as appropriate.
- Conduct security training for permanently badged employees on an initial and annual frequency to maintain appropriate levels of awareness and commensurate with their work assignments and access authorization level (e.g., CMPC training covering topics such as generation and marking, physical protection and storage, reproduction, accountability, etc.)
- Provide the security training (initial and refresher) module for adaptation into the Hanford General Employee Training System; and assure annual security refresher training (general or CMPC) is completed on or before the required due date for Hanford Site cleared individuals.

Usage Based Services

Service	Service Type	Clarifications
N/A		

Emergencies and First Responders

Table J-3.b-29. Service Number 29, Fire and Emergency Response Services

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
29	Fire & Emergency Response Services	Information/ Service	**Provide Service and receive input**	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input (Includes Energy Northwest and MAPR); and may include Non-Hanford Site areas designated by DOE

Service Description

Fire and Emergency Response Services provide fire prevention, fire suppression, fire investigations; emergency rescue; emergency medical service and patient transport; incident command; and hazardous material and chemical/biological/radiological emergency response for the Hanford Site and those non-Hanford Site Areas designated by DOE.

- OHCs shall support facility access to the fire Emergency Response Service Personnel, and notify the Hanford Fire Department of work activities, events, incidents, etc., that may require Fire Services involvement and/or response (e.g., medical assistance, hazardous or radiological emergency help, etc.)
- During high fire hazard danger season, OHCs will coordinate with the Hanford Fire Department for off-road work activities.
- In regards to emergency situations created by a hazardous material spill, including mixed waste spills, once the hazards have been mitigated, the owners of the facility or material have the responsibility for cleaning up the material and decontaminating the site, but may request supplemental expertise from Fire Services.
- MAPR receives service in accordance with mutual aid agreements.

Direct Funded Services

- Provide a Fire Marshal who has delegated Authority Having Jurisdiction (AHJ) authority for the Hanford Site as identified in HNF-52336, *Authority, Responsibilities, and Duties of the Hanford Fire Marshal*.
- Fire and Emergency Response services provide 24/7 fire-related protection of human life, property, and facilities; and operates basic and advanced life support emergency medical services.
- Provide 9-1-1 backup to the Patrol Operations Center.
- Act as the Site Incident Command Agency for fires and hazardous/radiological materials emergencies on the Hanford Site.
- Provide support for Hanford Fire Department participation in drills and exercises.
- DOE will provide an MOU between the DOE and U.S. Fish and Wildlife (USFWS) for the operation of designated portions of the Hanford Reach National

Monument regarding fire notification responsibilities.

- DOE will provide the "Cooperative Fire Protection Agreement" with the USFWS regarding the commitment of both the USFWS and DOE, in fire suppression emergency response activities for land managed by the USFWS.
- The Medical Emergency Response Program shall be conducted under the Mid-Columbia Emergency Medical Services and Trauma Council, operated under the County Medical Program Director. The ambulance service shall include basic and advanced life support and be licensed through the DOH.

Usage Based Services

Service	Service Type	Clarifications
N/A		

Table J-3.b-30. Service Number 30, Respiratory Protection Inspection, Testing and Maintenance; and Fire System Inspection, Testing and Maintenance

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
30	Respiratory Protection Inspection, Testing and Maintenance; and Fire System Inspection, Testing and Maintenance	Information/ Service	**Provide service and receive input**	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input (the only service applicable to PNNL is in DOE-owned facilities on the Hanford Site)

Service Description

Fire Protection System and Respiratory Protection Inspection, Testing and Maintenance includes fire protection system inspection, testing and maintenance of existing and new Fire Systems, including backflow prevention devices, respiratory protection refill, inspection, testing and maintenance, as well as inspection, testing and maintenance of the Hanford Site Radio Fire Alarm Reporting (RFAR) System and Hanford Site-wide Emergency Sirens.

OHCs with assigned buildings are responsible for Fire Systems maintenance inside the facility up to the first shut off valve outside the facility.

Direct Funded Services

- Perform inspection, testing, and maintenance on Hanford Site-wide Emergency Sirens.
- Perform RFAR inspection, testing and maintenance. Hardware will be charged to user. RFAR components are required to be purchased from Hanford Fire Department.
- Maintain Fire Water Systems up to the post indicator valve at the facility or other demarcation point as documented in a memorandum of agreement or other service agreement.

Usage Based Services

Service	Service Type	Clarifications
Fire Protection System inspection, testing and maintenance	Optional	Existing and new fire systems. Fire protection systems inspection, testing and maintenance includes: spare parts; component recall, tracking, and reporting for fire system activities; and, auditable central site records for fire system inspection, testing and maintenance.
Portable Fire Extinguisher inspections and maintenance	Optional	Annual

Fire System Backflow Preventer inspection, testing and maintenance	Optional	
Respiratory Protection refills, inspection, testing, and maintenance	Optional	Includes: Respiratory Protection equipment maintenance, testing, repair, modification and servicing of supplied-air/powered air purifying respirator (PAPR) respiratory protection equipment; Repair and maintenance of air bottle carts; Annual and bi-annual inspections and functional tests and repairs of high-pressure breathing air cylinders; and, Functional test and repair of self-contained breathing apparatus, cleaning and recharging.
Facility deactivation activities that permanently isolate or shut down a facility Fire Alarm or Suppression System	Optional	

Table J-3.b-31. Service Number 31, Emergency Operations (Centralized Hanford Site Emergency Preparedness Program)

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
31	Emergency Operations (Centralized Hanford Site Emergency Preparedness Program)	Information/ Service	**Provide service and receive input**	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input (Includes MAPR)

Service Description

Emergency Operations consists of the Hanford Site-wide Emergency Preparedness (EP) Program, which includes operation of the Emergency Operations Center (EOC), Joint Information Center (JIC), requirements for hazards surveys and hazards assessments, training of EOC Staff, Hanford Site-wide Exercises, and Facility-Specific Plans and Procedures for EP development, training, drills and assessments.

OHCs shall develop, maintain, and execute an Emergency Management Program as described in DOE/RL-94-02, *Hanford Emergency Management Plan* for facilities and waste sites under their control.

Direct Funded Services

- Provide program assistance, site-wide training, maintenance and access/copies of site-wide emergency documents.
- Provide emergency drill support.
- Provide maintenance of Hanford Site Emergency Alerting System. Does not include moving or expanding based on Hanford Site Contractor's needs. Does not include computer or telephone notification system.
- Coordinate, integrate, and maintain a centralized Hanford Site EP Program.
- Provide instruction in accordance with DOE/RL-94-02, *Hanford Emergency Management Plan*, to OHCs and their subcontractors.
- Conduct or support emergency management surveillances and assessments and work with OHCs for corrective action implementation.
- Establish procedures and provide direction and coordination for the Hanford Site Occurrence Reporting Program.
- Provide support for the Unified Dose Assessment Center.

Usage Based Services

Service	Service Type	Clarifications
N/A		

Table J-3.b-32. Service Number 32, Emergency Operations (Event Reporting; and Emergency Operations Center Shift Office)

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
32	Emergency Operations (Event Reporting; and Emergency Operations Center Shift Office)	Information/ Service	**Provide service and receive input**	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input (Includes MAPR)

Service Description

Event reporting is provided to ensure that DOE is kept fully informed about events that could adversely affect the health and safety of the public or the workers, the environment, the intended purpose of the facilities, or the credibility of the DOE.

- OHCs shall report their environmental, safety, and health events and related information directly to DOE and to the EOC Shift Office.
- OHCs shall bear internal implementation costs.

Direct Funded Services

- Operate the Hanford Site-wide EOC.
- Provide event reporting to DOE and Hanford Site Contractor Management, occurrence report training, consultation on event categorization and report preparation, and access to Occurrence Reporting and Processing System.
- Provide program management.
- Maintain Hanford Site-wide Procedure for notification, reporting and processing operations information.
- Serve as emergency categorization/classification authority for transportation events involving Hanford Site Contractor shipments beyond facility boundaries.
- Provide abnormal event categorization authority for Hanford Site.

Usage Based Services

Service	Service Type	Clarifications
N/A		

Table J-3.b-33. Service Number 33, Radiological Assistance Program (RAP)

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
33	Radiological Assistance Program (RAP)	Information/ Service	**Provide service and receive input**	Provide staff to service provider	Provide staff to service provider	N/A	Provide staff to service provider	N/A	N/A

Service Description

RAP provides first-responder radiological response capabilities 24/7 for the Hanford Site and Region 8.

- OHCs shall provide qualified personnel, technical expertise, and support to the DOE Region 8 RAP to ensure maintenance and staffing of emergency teams with the ability to respond under the direction of DOE and bear personnel costs associated with RAP participation.
- If PNNL provides personnel to RAP, the HMESC shall bear personnel costs associated with RAP participation.

Direct Funded Services

- Maintain and implement a first-responder radiological assistance that includes plans, procedures, resources and 24/7 response capabilities for Region 8 in support of the DOE Regional Response Coordinator and provide equipment.
- Personnel costs for RAP participation, program administration, including travel, equipment, and RAP specific training. Staff usage is with the agreement of the employee and employer.

Usage Based Services

Service	Service Type	Clarifications
N/A		

Workforce Readiness and Human Resource Support

Table J-3.b-34. Service Number 34, Site Training Services and HAMMER

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP	222-S Lab	OccMed	Other Site Users
34	Site Training Services and HAMMER	Information/ Service	**Provide service and receive input**	Receive service and provide input	Receive service and provide input	Optional	Receive service and provide input	Receive service and provide input	Receive service and provide input (optional for PNNL)

Service Description

Site Training Services provides training facility, curriculum, and training delivery services to Federal, contractor, and subcontractor employees in support of the Hanford and PNNL missions consistent with the DOE, local, state, and Federal workforce training requirements. The Site Training program includes training facility management, business management, conduct of training, brokering of training services, development of requirements and standards, and training records management, scheduling, and registration.

OHCs shall provide training priorities, training needs, and input regarding (Mandatory) standardized training programs, and support for worker-trainers to HAMMER.

Direct Funded Services

Develop a Hanford Site workers mandatory standardized training and optional training, as requested, to maintain a qualified workforce.

Develop the deliverables, as noted, in Section C of the HMESC.

Provide base operations of training facility.

Provide maintenance of employee training records for training provided.

Coordinate activities for OHC to acquire DOE Training Institute services.

- Operations support for the HAMMER facilities including facility system operations, prop and classroom set-up, and prop operations.
  - Safety oversight.
  - Maintenance support for HAMMER facilities, props, grounds, and assigned vehicles and equipment.
  - Utilities (payment to City of Richland directly for metered areas).
  - Telephones and computers/computer network for HAMMER staff, facility classrooms, lobby, and students.
- Cover propane costs for heating and specific fire props at HAMMER for Hanford Site Missions.

Usage Based Services		
Service	**Service Type**	**Clarifications/Exceptions**
Standardized Training	Mandatory	List of standardized training includes: 1. Asbestos 2. Chronic Beryllium Disease Prevention Program (CBDPP) 3. Confined Space Entry 4. Electrical Safety 5. Fall Protection 6. Hanford General Employee Training (HGET) 7. Hazardous Energy Control (lockout/tag out) 8. Hazardous Waste Operations and Emergency Response (HAZWOPER) Training 9. Hoisting and Rigging 10. Radiation Safety (e.g., Radiological Worker I and II and Radiological Control Technician training) 11. Respiratory Protection Program Standardized training costs are paid by the using OHC through tuitions.
Construction or modification of mock-ups and props for facility specific training	Optional	
Other miscellaneous training or certifications	Optional	Site Training Services costs are paid by the using OHC through tuitions (i.e., mask fits).
Request for customization on standardized courses	Optional	Provided at additional cost to OHC, not covered through tuitions. Minor changes will be funded by Hanford Training, i.e., company name change, procedure reference update, etc.
Company/project specific support to manage self-assessments, operational readiness reviews, etc.	Optional	Labor will be charged directly to OHCs.
Extra costs incurred for courses requested to be delivered outside the standard Hanford work schedule or at other facilities not managed by Site Training Services	Optional	

Table J-3.b-35. Service Number 35, Workplace Substance Abuse Programs (WSAP)

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
35	Workplace Substance Abuse Programs (WSAP)	Information/ Service	**Provide programmatic service and receive input**	Receive service and provide input	Receive service and provide input	N/A	Receive service and provide input	**Provide testing service, receive service and provide input**	Receive service and provide input; N/A for PNNL

Service Description

The WSAP is responsible for maintaining a workplace free from the use of illegal drugs and is applicable to DOE Contractors and their subcontractors in testing-designated positions performing work at Sites owned or controlled by DOE under the authority of the *Atomic Energy Act of 1954*.

OHCs shall identify individuals in testing-designated positions and execute the program per the HMESC's Procedure.

Direct Funded Services

HMESC shall:

- Administer the WSAP and maintain the procedures for testing and databases.
- Notify the respective Hanford Site Contractor of drug and alcohol testing results.
- Provide program administration.

OccMed shall provide testing services.

Usage Based Services

Service	Service Type	Clarifications
N/A		

Table J-3.b-36. Service Number 36, Hanford Site Pension Plan (HSSP), Hanford Site Savings Plan (HSSP). Hanford Employee Welfare Trust (HEWT)

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
36	Hanford Site Pension Plan (HSPP) Hanford Site Savings Plan (HSSP) Hanford Employee Welfare Trust (HEWT)	Information/ Service	**Administer, sponsor, receive, and deliver input from/to Pension, Savings, and HEWT Committees**	Sponsor and deliver input to Pension, Savings and HEWT Committees	Sponsor and deliver input to Pension, Savings and HEWT Committees	Sponsor and deliver input to Pension Committee, HSPP only.	Sponsor and deliver input to Pension, Savings and HEWT Committees	N/A	As applicable, sponsor and deliver input to Pension, Savings and HEWT Committees

Service Description

Provide administration of the HSPP, HSSPs, and HEWT which cover eligible Hanford Site Workers.

The HSPP is managed and administered by committees composed of representatives from each of the sponsoring employers.

The HSSPs cover eligible Hanford Site Workers. The HSSPs include three (3) separate plans: two (2) plans for bargaining unit employees, and one (1) plan for non-bargaining unit employees (exempt and nonexempt). The HSSPs are managed and administered by committees composed of representatives from each of the sponsoring employers.

The HEWT is a multiple employer welfare arrangement. Health and welfare benefits are administered under the HEWT, which contains provisions for a wide range of medical and insurance benefits for eligible Hanford Site Workers. The HEWT is managed and administered by the HEWT Committee, which is composed of representatives from each sponsoring employer.

The work scope includes participant communications and administration for the HSPP, HSSP, and HEWT.

Hanford Site participating sponsors provide funding and deliver input to the Pension, Savings, and HEWT Committees.

Direct Funded Services

- Administer the HSPP, HSSP, and HEWT.
- HMESC establishes contributions to the HSPP, HSSP, and HEWT, which are allocated to the participating plan sponsors (OHCs).

Usage Based Services

Service	Service Type	Clarifications
N/A		

Environmental, Safety, and Health

Table J-3.b-37. Service Number 37, NEPA Planning and Program Support

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
37	NEPA Planning and Program Support	Information/ Service	**Provide service and receive input**	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input

Service Description

Provide support to the Hanford NEPA Compliance Program upon request and as directed by DOE. Assistance may include, but is not limited to, preparation of NEPA documentation and the NEPA Administrative Record (AR), NEPA training support, records system development and management, and an integrated NEPA Actions Tracking System.

Direct Funded Services

- Provide program support, including planning, preparation of NEPA review screening forms (NRSF).
- Provide assistance to the Hanford NEPA Compliance Program upon request and as directed by DOE.
- Assist with NEPA Training at DOE's request. Training developed for DOE to be made available to other contractor and Hanford Site Users.
- Assist with the preparation of NEPA documentation and related ecological and cultural resource studies.
- Develop and manage records system, including the NEPA Administrative Record (AR) database, integrated NEPA support, and integrated NEPA Project Tracking Systems and Database.
- Provide database information in support of other contractors and Site Users NEPA efforts. NEPA work products prepared for DOE to be made available for other contractor and Hanford Site Users unless DOE directs otherwise.

Usage Based Services

Service	Service Type	Clarifications
Environmental assessment (EA) requests, and ecological and cultural resources review requests associated with EAs	Optional	DOE will determine the level of NEPA documentation and assign tasks to the contractor, as appropriate.

Table J-3.b-38. Service Number 38, Environmental Compliance and Support

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
38	Environmental Compliance Support Program	Information/ Service	**Provide service and receive input**	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input (Includes MAPR)

Service Description

This program is the integration of required environmental reports for DOE and other entities (EPA, Ecology, etc.)

OHC shall:

- Provide input for the Site-wide Environmental Management System (EMS)/Sustainability Program Management Plan and the Annual Site Environmental Report (ASER).
- Provide appropriate and timely input to performing contractor and designated OHCs for regulatory required Site-wide environmental reports and metrics for their facilities and activities.
- Support performing contractor in their Site-wide environmental regulatory management roles.
- Provide performing contractor regulatory and contract required air, liquid effluent, and other (soil, sediment, water, vegetation, animals, etc.) Environmental monitoring data; collect, compile, and/or integrate air (air operating permit [AOP] criteria pollutants, National Emission Standards for Hazardous Air Pollutants (NESHAP) [e.g., radiological releases], and Toxic Air Pollutants) and liquid effluent monitoring data from operations and activities under the Hanford Site Contractor's control.
- Provide performing contractor appropriate environmental data for facility and operable units to support the Hanford Site Permitting (Air, Water, Sewers, etc.) and obtain unit specific permit modifications in coordination with the DOE and performing contractor.
- Inform performing contractor if air monitoring is required as part of contractor's facility monitoring.

Direct Funded Services

Provide program administration and integration.

Usage Based Services

Service	Service Type	Clarifications
Non-DOE/Hanford Entity Environmental Compliance Program support	Mandatory	Non-DOE/Hanford entities include, but are not limited to, Energy Northwest, U.S. Department of Fish and Wildlife, Bonneville Power Administration, U.S. Ecology, and the U.S. Navy.

Table J-3.b-39. Service Number 39, Environmental Monitoring

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
39	Environmental Monitoring	Information/ Service	**Provide service and receive input**	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input

Service Description

Environmental Monitoring consists of multimedia environmental monitoring to measure the concentration of radionuclides and chemicals in environmental media (exclusive of the ground water monitoring program) in order to assess the integrated effects of these materials on the environment and the public.

OHCs shall provide appropriate input for preparation of the ASER and Hanford Site Environmental Surveillance Master Sampling Schedule.

Direct Funded Services

- Provide program administration and integration.
- Assess impacts and risks of contaminants on human health in support of the AOP, the annual Hanford Site Environmental Report and the Hanford Site Environmental Surveillance Master Sampling Schedule; and align the surface environmental surveillance with the needs of the environmental clean-up, restoration, and assessment activities at the Hanford Site.
- Assess impacts and risks of Hanford Site contaminants on human health and the environment in support of Hanford Site cleanup activities as requested. Data and analysis shall be made available to the Hanford risk assessment activities.

Usage Based Services

Service	Service Type	Clarification
Requests outside of the scope of Direct Funded Services	Mandatory	
Project Specific monitoring activities requesting sample collection, analytical, reporting and oversight	Mandatory	

Table J-3.b-40. Service Number 40, Ecological Monitoring and Compliance – Site Wide

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
40	Ecological Monitoring and Compliance – Site Wide	Information/ Service	**Provide service and receive input**	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input, as applicable

Service Description

Ecological Monitoring and Compliance is to achieve compliance with ecological resource-related legal and regulatory requirements; Biota is monitored to access the abundance, vigor, or condition, and distribution on the Hanford Site.

- OHCs shall allow access to the Ecological Monitoring and Compliance activity for the purpose of collecting information and samples.
- OHCs shall provide ecological information from their sampling activities such as *Comprehensive Environmental Response, Compensation, and Liability Act of 1980* (CERCLA)/Resource Conservation and Recovery Act of 1976 (RCRA) Risk Assessments.
- OHCs shall bear internal implementation costs.

Direct Funded Services

- Provide program administration and integration.
- Assess the impacts to biological resources from Hanford Site operations and legacy contaminants to the environment and monitor the abundance, vigor, and distribution of plant and animal populations on the Hanford Site. This includes baseline surveys of protected biological resources, species, and habitats within key areas of the Hanford Site where the majority of routine operations and clean-up are conducted.
- Monitoring required for the Biological Resources Management Plan to ensure compliance with Comprehensive Land Use Plan (CLUP).

Usage Based Services

Service	Service Type	Clarifications
Ecological compliance reviews for projects	Mandatory	

Table J-3.b-41. Service Number 41, Biological Controls

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
41	Biological Controls	Service	**Provide service and receive input**	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input. as applicable

Service Description

Biological Controls is a service to control noxious weeds fire hazard, industrial area weeds, other vegetation, and animal pests. The program controls vegetation on approximately 2,000 acres, traps and removes animals, and eliminates insect infestations.

Direct Funded Services

- Provide program administration and integration of the Hanford Site-wide Biological Control Program.
- Control noxious weeds, industrial weeds, other vegetation, and animal pests for the purposes of controlling the spread of radioactive contamination, protecting employees, the public, and Hanford Site Cultural and Environmental (including biological) Resources.
- Maintain facilities, roadways, fence lines, waste sites, radiological areas and tank farms free of windblown tumbleweeds; perform spray operations and related activities in radiological areas; perform tumbleweed burning activities; post unidentified underground radioactive material areas as discovered during biological control operations; and perform animal control operations (fly traps, rebaiting, etc.)
- Provide State of Washington licensed pesticide applicators and application equipment, and respond to Hanford Site animal control calls, coordinate biocide applications at site facilities.
- Provide equipment/technical expertise (to assist with the road maintenance function) in liquid de-icing activities during winter months as needed.
- Collect native plant seeds for use in revegetation plots.
- Maintain and provide records and reports applicable to Biological Controls including Environmental, Safety, Health, and Quality (ESH&Q) documentation; configuration management; performance trending; lessons learned feedback; correction action tracking; self-assessment activities; and coordination with DOE, state, and local authorities regarding ESH&Q matters.
- Submit event reports in accordance with DOE occurrence reporting requirements.

Usage Based Services

Service	Service Type	Clarifications
Revegetation of site	Optional	If a project needs revegetation, then the project funds the work.
Additional services, including removal of trees, brush, bio materials for OHCs, beyond 2,000 acres	Optional	

Table J-3.b-42. Service Number 42, RCRA Permits and Compliance

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
42	RCRA Permits and Compliance	Information/ Service	**Provide service and receive input**	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input

Service Description

Services provided are for the site-wide maintenance of the current RCRA Permit "The Hanford Site-Wide Permit" Revision (8C) Permit Number: WA7890008967, Strategic Planning for the new Revisions of the RCRA Permit (8C and 9), and Site-wide Integration of regulator required RCRA Permit Actions. RCRA, in this sense, only applies to the "The Hanford Site-Wide Permit" and Subtitles C, Hazardous Wastes; I, Regulation of Underground Storage Tanks, and as further implemented through contract FAR and DEAR Clauses.

This work is to be coordinated with site-wide integration of other permits and RCRA based reporting requirements as delineated in "Environmental Permits and Compliance" scope of work and includes responsibility for integration of other RCRA sections such as Subtitle D, Non-hazardous Solid Wastes; F, Federal Responsibilities; and G, Miscellaneous Provisions, unless otherwise required by applicable laws, regulations, FAR or DEAR clauses.

OHCs shall:

Integrate their RCRA dangerous waste permitting and regulatory compliance activities with the Hanford RCRA Site-wide Permitting and Compliance Framework maintained by the performing contractor.

Direct Funded Services

- Program implementation and coordination of RCRA Permit integration.
- Establish and provide RCRA site-wide management, administration, integration, permitting, and compliance in coordination with OHCs and obtain concurrence from affected OHCs for Site-wide RCRA Documents and Policy decisions.

Usage Based Services

Service	Service Type	Clarifications
Permitting Services	Mandatory	

Table J-3.b-43. Service Number 43, Environmental Regulatory Management (Site-wide EMS and Site Sustainability Program Plan)

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
43	Environmental Regulatory Management (Sitewide EMS and Site Sustainability Program Plan)	Information	**Receive input**	Provide input	Provide input	Provide input	Provide input	Provide input	Provide input

Service Description

Environmental Regulatory Management ensures a Site-wide Environmental Program which is compliant with applicable laws, regulations, DOE Directives, Environmental Regulatory Management and the Section H Clause entitled, *Environmental Responsibility*.

OHCs shall:

- Provide input for the Site-wide EMS Program Management Plan and Site Sustainability Program Plan.
- Provide appropriate and timely input to performing contractor and other designated OHCs for regulatory required Site-wide Environmental Reports and metrics for their facilities and activities.
- Support performing contractor in their Site-wide Environmental Regulatory Management roles.

Direct Funded Services

- Provide program administration and Environmental Regulatory Management.
- Establish and provide Site-wide EMS and Sustainability Program Plan and implementation in coordination with OHCs, obtaining concurrence from affected OHCs for Site-wide Environmental Documents.

Usage Based Services

Service	Service Type	Clarifications
N/A		

Table J-3.b-44. Service Number 44, Environmental Mitigation Strategy Planning and Implementation

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
44	Environmental Mitigation Strategy Planning and Implementation	Information/ Service	**Provide service and receive input**	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input

Service Description

An integrated site-wide mitigation strategy and planning program to facilitate a balance between the ongoing Hanford Site Mission and the omnipresent trustee stewardship obligations; to maintain a database/record of past and present mitigation efforts; and to implement mitigation projects across the Hanford Site for OHCs and outside non-DOE/Hanford entities.

OHCs shall provide input for coordinated planning.

Direct Funded Services

- Provide Hanford Site-wide mitigation planning, monitoring, record keeping, and reporting.
- Develop, implement, and maintain procedures to address early identification of mitigation requirements and for implementing mitigation actions.
- Act as DOE's mitigation success monitor and recommend to DOE if additional mitigation is warranted.

Usage Based Services

Service	Service Type	Clarifications
Mitigation implementation	Optional	Costs to be negotiated and agreed upon between performing contractor and requesting Hanford Site User.
Non-DOE/Hanford entity environmental mitigation strategy and planning support	Mandatory	Non-DOE/Hanford entities include, but are not limited to, Energy NW, Fish & Wildlife, BPA, U.S. Ecology, and the Navy.

Table J-3.b-45. Service Number 45, Environmental Permits and Compliance

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
45	Environmental Permits and Compliance	Information/ Service	**Provide service and receive input**	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input

Service Description

Establish and maintain a compliant environmental permitting program for permitting activities other than the RCRA (Dangerous Waste) permit.

OHCs shall:

Integrate their environmental permitting (excluding RCRA permits) and regulatory compliance activities with the Hanford Site-wide permitting and compliance framework maintained by the performing contractor.

Direct Funded Services

- Perform AOP and DOE O 458.1, *Radiation Protection of the Public and the Environment*, monitoring activities for the Hanford Site.
- Provide program implementation and coordination, with the exception of RCRA Permit integration.
- Establish and provide site-wide management, administration, integration, permitting and compliance in coordination with OHCs.
- Compile Hanford Site-wide Data for ASER reporting, including monitored releases from CERCLA authorized activities.

Usage Based Services

Service	Service Type	Clarifications
Project specific requests for air monitoring	Optional	Applies to air monitoring that is not part of AOP.

Table J-3.b-46. Service Number 46, Site Safety Standards (Common Safety Processes)

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
46	Site Safety Standards (Common Safety Processes)	Information/ Service	**Provide service and receive input**	Receive service and provide input	Receive service and provide input	N/A	Receive service and provide input	Receive service and provide input	N/A

Service Description

Hanford Site safety standards to be used by OHCs include the following to ensure common safety processes for worker safety:

1. Chronic Beryllium Disease Prevention Program (CBDPP)
2. Confined Space Entry (permit required)
3. Electrical Safety
4. Excavation Permits
5. Fall Protection
6. Hazardous Energy Control (lockout/tag out)
7. Hoisting and Rigging
8. Radiation Safety
9. Respiratory Protection Program
10. Stop Work Authority

Affected OHCs shall approve common safety standards, develop internal implementing procedures, and participate in Hanford Site safety activities/initiatives, where appropriate.

OHCs bear internal implementation costs.

Direct Funded Services

- Provide implementation and administration.
- Identify and maintain common safety processes on the Hanford Site.
- Maintain a Hanford Site-wide Web-based System with input from OHCs for sharing operating experiences and lessons learned, with a focus on preventing recurrence of safety or reliability events, and good work practices in accordance with applicable requirements.
- Work collaboratively and build coalitions with OHCs and workers to continue to build a strong and enduring safety culture. Based on input from OHCs and workers, and identify DOE opportunities to enhance and measure the Hanford Site Safety Culture.
- Manage and administer Hanford Site safety activities/initiatives, such as, Hanford Worker Electrical Safety Board and other activities, as approved by DOE.

Usage Based Services

Service	Service Type	Clarifications
N/A		

Table J-3.b-47. Service Number 47. Meteorological and Climatological Services

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
47	Meteorological and Climatological Services	Information/ Service	**Provide Service and receive input**	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input

Service Description

The Hanford Meteorological Monitoring System currently includes 32 monitoring stations on and adjacent to the Hanford Site, a Meteorological and Climatological Services Computer Network System, Data Display System, and interactive transport and diffusion computer model and provides accurate and timely weather information that enable safe conduct of activities and emergency response.

- Regional and national organizations outside the Hanford Site may request meteorological and climatological information or support. In this event, the Contractor shall contact the DOE for guidance.
- OHCs shall request and provide requirements for service.

Direct Funded Services

- Provide standard, weather-related information for OHCs, providing detailed around-the-clock, easily retrieved and understood, real time meteorological data including forecasts, heat indices, historical information, etc.
- Maintain and operate the Hanford Meteorological Monitoring System, which includes moving existing sensors and replacement of malfunctioning sensors.
- Provide program administration.

Usage Based Services

Service	Service Type	Clarifications
Special-use information requested by Hanford Site Contractors	Mandatory	Includes specialized locations and project or facility specific needs requiring data not routinely monitored or provided within the direct funded scope.
Requests for additional sensors	Mandatory	

Table J-3.b-48. Service Number 48, Seismic Monitoring Services

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
48	Seismic Monitoring Services	Service	**Provide service and receive input**	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input

Service Description

Seismic Monitoring Services are required to operate the Hanford Site Seismic Network and provide report activities as needed. This information is utilized for operational facilities, to support new facility design and for emergency operations activities. The seismic network on and near the Hanford Site consists of two (2) designs of equipment and 49 sites (seismometer sites and strong motion accelerometer sites). Seismometer sites are designed to locate earthquakes and determine the magnitude and hypocenter location. Strong motion accelerometer sites are designed to measure ground motion.

OHCs shall request and provide requirements for services when necessary.

Direct Funded Services

- Operate and maintain seismic sensors and systems, and monitor seismic activity and report seismic activities on the Hanford Site.
- Provide seismic information to OHCs upon request.
- Manage the Hanford Seismic Monitoring Program.
- Provide seismic activity reports.

Usage Based Services

Service	Service Type	Clarifications
N/A		

Table J-3.b-49. Service Number 49, Radiological Site Services (RSS)

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
49	Radiological Site Services (RSS)	Service	**Provide service and receive input**	Receive Service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input

Service Description

Radiological Site Services (RSS) is a documented set of comprehensive and integrated radiological support programs which provide the technical support, dosimetry, data, and records necessary to demonstrate compliance with required radiological monitoring and to verify the adequacy of Hanford Site Radiological Control Programs in protecting the health and safety of workers, the public, and the environment. The RSS includes the Hanford External Dosimetry Program (HEDP), the Hanford Internal Dosimetry Program (HIDP), the Hanford Radiological Instrumentation Program (HRIP), and the Hanford Radiological Records Program (HRRP).

HMESC shall:

- Manage the Hanford Site radiological control software for use by OHCs.
- Provide DOELAP accredited external dosimetry services, including technical support, documentation, and dosimeter preparation and processing, based on the types and quantities of external dosimetry required by OHCs.
- Provide DOELAP accredited internal dosimetry services, including technical support, documentation, and analyses, based on the types and quantities of internal dosimetry required by OHCs.
- Provide calibration, maintenance, and repair services as defined in ANSI 323-1978 for a broad range of portable and semi-portable radiological instrumentation, including technical support and documentation, based on the types and quantities of portable and semi-portable radiological instrumentation calibration, maintenance, and repair services required by OHCs.
- Provide HRRP Service which consists of management and preservation of current and former radiation monitoring records for DOE employees, Hanford contractors, sub-contractors, and visitors, including records or existing and past Hanford site radiation dosimetry policies and practices.
- Provide a pool of radiological instrumentation available for loan to the OHCs.

On an as-requested basis, the HMESC Contractor will provide dosimetry and bio-assay scheduling, dosimeter distribution, and other services commonly associated with “Dosimetry Operations.” These services will be fully defined in the statement of work and agreed upon by the requesting party and the HMESC Contractor.

OHCs shall request, and provide requirements for, service.

Direct Funded Services

N/A

Usage Based Services

Service	Service Type	Clarifications
Services described above.	Mandatory	

Information Technology (IT) and Management

Table J-3.b-50. Service Number 50, IT Strategic Planning, Governance, Enterprise Architecture, and Program Management

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
50	IT Strategic Planning, Governance, Enterprise Architecture, and Program Management	Information	**Receive input**	Provide input	Provide input	Optional	Provide input	Provide input	Provide input

Service Description

IT Strategic Planning, Governance, Enterprise Architecture, and Program Management assesses the current Information Resources/Content Management (IR/CM) technology infrastructure, systems, applications, and business practices and provides recommendations for improving the scalability and reducing the life-costs over the current approach.

- OHCs to provide senior IT representatives for governance advisory board and input to strategic plans, governance packages, and the EA.
- Contractors to provide detailed IT cost and performance information for Capital Planning Investment Control (CPIC), exhibit 53 and 300 submissions.

Direct Funded Services

- Provide Strategic Planning Governance for the Hanford Site.
- Develop a Governance Advisory Board and Enterprise Architecture (EA).
- Provide coordination and update of the scope deliverables that are from a site perspective.
- Support DOE for the site coordination of CPIC data.

Usage Based Services

Service	Service Type	Clarifications
N/A		

Table J-3.b-51. Service Number 51, Business Management Systems

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
51	Business Management Systems	Service	**Provide service and receive input**	Receive service and provide input	Receive service and provide input	N/A	Receive service and provide input	Receive service and provide input	Optional

Service Description

The Business Management System (BMS) is a collection of various enterprise IT investments that provide core Enterprise Resource Planning functionality, such as supply chain management, financial management, business intelligence, human resource management, and other related functions.

- The HMESC shall provide and maintain the BMS platform for the Hanford Site.
- OHCs shall request and provide requirements for service.

Direct Funded Services

- Business Management System platform lifecycle management, including operations, maintenance, and improvement.
- Operations, maintenance, and improvement of Hanford Site Business Systems: (BMS Finance, BMS Asset Suite (Supply Chain, Contracted Labor Time Recording, Automated Accrual System), BMS Human Resources Integrated System (Human Resources, Payroll, Pension, Benefits, Time Information System, Employee Self-Service, Health & Safety, Recruiting), BMS Sunflower (Property management), BMS Crystal (Crystal Enterprise Reporting), BMS Datamart (Data Warehousing for BMS), BMS Overtime Management System, etc.
- Operations, maintenance, and improvement of Hanford Site Systems (Hanford PeopleCORE, PopFon, Hanford Information System Inventory, Automated Distribution List System, Mail Services Information Network, etc.)
- Applications operations, maintenance, and improvement.

Usage Based Services

Service	Service Type	Clarifications
Project specific upgrades and modifications	Mandatory	DOE's strategic intent is toward consolidation and commercial products and away from costly custom developed one-off systems or modifications. Any severe gaps in the mission needs (and modifications or enhancements arising therefrom) between the BMS provider (the HMESC) and subscribers will be managed through the appropriate project, contract, and IT Governance Processes.
Commercial-Off-the-Shelf (COTS) Integration	Mandatory	
Software Requirements Analysis & Design	Mandatory	
Consulting for Process Improvement activities	Mandatory	

Table J-3.b-52. Service Number 52, Geospatial Information Management

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
52	Geospatial Information Management	Information/Service	**Provide service and receive input**	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input

Service Description

Geospatial Information (relates the visualization, measurement, and analysis of features or phenomena that occur on the earth) supports the execution of requirements for worker health, land use planning, emergency response, etc., and is available to OHCs.

OHCs to deliver data and input to Comprehensive Data/Site Management Strategy for spatial data. OHCs to make available the Contractor's geographic data for inclusion in the Clearinghouse.

Direct Funded Services

Develop and implement a comprehensive Hanford Geospatial Information Strategy and Implementation Plan (HGIS) to ensure that spatial data, information and documentation required for accomplishing the Hanford Site missions are captured, managed, and preserved.

Act as a central Geospatial Clearinghouse to coordinate, capture, manage, and share geospatial information, including management of the Hanford Geographical Information System (HGIS).

Provide at least biennially one set of 12-inch and 3-inch aerial imagery and light detection and ranging (LIDAR).

Create, maintain, and distribute general and business-specific Hanford Site maps.

Manage the interactive web maps and their development platform.

Manage the geographic information system software licenses on the Hanford Local Area Network.

Provide integration, coordination, and acquisition support for aerial imagery.

Usage Based Services

Service	Service Type	Clarifications
Business-specific map services	Mandatory	Above and beyond general mapping service.
Aerial imagery	Optional	Data acquisition must be provided consistent with site GIS Standards.
Reproduction of large format maps	Optional	Map formats larger than 11" × 17".
Binding or finishing for reproduction of products requiring methods other than stapling	Optional	

Table J-3.b-53. Service Number 53, Cyber Security – Classified and Unclassified Cyber Security

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
53	Cyber Security – Classified and Unclassified Cyber Security	Information/ Service	**Provide service and receive input**	Receive service and provide input	Receive service and provide input	N/A	Receive service and provide input	Receive service and provide input	Receive service and provide input

Service Description

Classified/Unclassified Cyber Security Program provides management, coordination, and expertise for areas relating to information assurance ("cyber" or "cyber security") for government-owned systems, including General Support Systems (GSS), Industrial Control System (ICS), and Supervisory Control and Data Acquisition (SCADA) Systems. These systems also identify and protect classified, unclassified, and sensitive information generated, processed, and stored for the Hanford Site.

- OHCs shall manage and execute classified (National Security Systems) and unclassified cyber security responsibilities consistent with DOE requirements and the centralized program.
- OHCs shall bear internal implementation costs.

Direct Funded Services

- Implement a centralized Hanford Site \Computer Security Program and act as the primary site-wide integrator for cyber security and cyber engineering.
- Provide a Hanford Site Classified and Unclassified Information Systems Security Manager(s) and Officer(s); develop Hanford Information Systems Security Plans; ensure that systems are certified and accredited; and implement the Cyber Security Training Program.
- Provide administration, implementation, operations and program oversight.
- Provide basic support for Cyber Security investigation, analysis, and incident response.
- Coordinate and update the scope deliverables that are from a site perspective.
- Support DOE for the site coordination of cyber data.

Usage Based Services		
Service	**Service Type**	**Clarifications**
Accreditation testing services	Mandatory	Services related to obtaining and maintaining an Authorization To Operate (ATO), such as the Security Test and Evaluation (ST&E) and Continuous Monitoring (CM) control tests for mission-specific (i.e. non-site-wide) systems or projects.
Cyber Engineering	Mandatory	Planning and implementing systems with information technology components, including SCADA/ICS, including customer support with the interpretation of cyber requirements, the integration of those requirements with the project requirements, and the creation and coordination of appropriate documentation, such as risk acceptance packages, System Security Plans, etc.
Cyber Incident Response Extensive Remediation	Mandatory	Additional charges may apply for extensive cyber remediation efforts associated with incident response and notification.
Extensive Support for Cyber Investigations and Analysis	Mandatory	Additional charges may apply for extensive support, such as in-depth forensics for Cyber Security investigation and analysis.

Table J-3.b-54. Service Number 54, Network Services

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
54	Network Services	Service	**Provide service and receive input**	Receive service and provide input	Receive service and provide input	Optional	Receive service and provide input	Receive service and provide input	Optional, except DOE

Service Description

Network Services consist of the General Support Systems (GSS), National Security Systems (NSS), Industrial Control Systems (ICS), and Supervisory Control and Data Acquisition (SCADA) systems infrastructure used by DOE and OHCs.

- OHCs shall request and provide requirements for service.
- Maintenance and operation of the information/communication infrastructure included in usage service rates.

Direct Funded Services

N/A

Usage Based Services

Service	Service Type	Clarifications
Network Services		
Network Infrastructure	Mandatory	Physical and virtual file servers, initial or refreshed, supporting the infrastructure and shared application file servers will be provided as part of Network Services. File Servers, whether physical or virtual, used in support of dedicated applications are the responsibility of the application owner for initial purchase and refresh.
Network Operations Center	Mandatory	
Network Administration, Management, and Maintenance	Mandatory	
Internet Support Service	Mandatory	
Engineering and Configuration	Mandatory	

Software Distribution	Mandatory	Infrastructure component costs of the Software Distribution service are covered under the Network Services Fixed Unit Rate. For each application added to, or updated in, the software distribution system, the requesting organization is responsible for the application licensing costs as well as the labor required to setup the application install.
User Services		
Maintenance and Software License Mgmt.	Mandatory	
Technology Support for Hardware/Software	Mandatory	
Technical Computer Support via Help Desk	Mandatory	
Desk-side Software Support	Mandatory	
User Account Administration	Mandatory	
E-mail Administration and Support	Mandatory	
AutoCAD Technical Support	Mandatory	
Mobile Device Management	Mandatory	
Workstation Deployment/Retirement	Optional	

Table J-3.b-55. Service Number 55, Radio Services

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
55	Radio Services	Service	**Provide service**	Receive service	Receive service	N/A	Receive service	Receive service	Receive service

Service Description

Radio Services provides radio communication infrastructure and licensing for the Hanford Site.

- OHCs shall use the radio spectrum licensing and follow the Hanford Site Radio Frequency Policy.
- OHCs shall request and provide requirements for service.
- If procuring radios, OHCs must comply with Hanford Site Specifications. Equipment (radios, antennas, etc.) costs are the responsibility of OHCs.
- Program administration and oversight, including management of radio spectrum licensing and design, engineering integration, operations and maintenance, installation, upgrade and required system calibration services, and registration of radio frequencies with the National Telecommunications and Information Administration.
- Provide engineering, maintenance and operations of emergency and non-emergency radio communication services, including associated infrastructure, including two-way, Fire Dispatch, Safety and Emergency Preparedness, and Security Systems.

Direct Funded Services

N/A

Usage Based Services

Service	Service Type	Clarifications
Emergency radio services	Mandatory	
Craft radio services	Optional	

Table J-3.b-56. Service Number 56, Pager Services

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
56	Pager Services	Service	**Provide service and receive input**	Receive service and provide input	Receive service and provide input	N/A	Receive service and provide input	Receive service and provide input	Receive service and provide input

Service Description

Pager Services provides the electronic network and devices for Hanford Site Paging.

Maintenance, operations, and account administration of the Government-owned Hanford Site Pager Infrastructure and Commercial Pager Services, including site, regional and national paging services, along with system designs, integration, maintenance, frequency management, associated engineering services, and support to manage regional, international, and nonstandard inventory for pager replacement parts included within pager service rates.

OHCs shall request and provide requirements for service.

Direct Funded Services

N/A

Usage Based Services

UBS	Service Type	Clarifications
Emergency response pagers	Mandatory	Required for emergency personnel.
Other pager services	Optional	

Table J-3.b-57. Service Number 57, Telephone Services

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
57	Telephone Services	Service	**Provide service and receive input**	Receive service and provide input	Receive service and provide input	Optional	Receive service and provide input	Receive service and provide input	Receive service and provide input

Service Description

Telephone Services function consist of the Hanford Site Telephone Exchange activities that encompass voice, data, special circuits, 9-1-1 support, and attendant/operator services to Hanford Site Programs, Projects, and Support Organizations.

- The HMESC shall provide and maintain telecommunications capability and capacity sufficient to meet the needs of the Hanford Site, encompassing those systems required to maintain data transmissions, including local, state, national, and international subscribers; data and network circuits; off-premise stations; telephone service to offsite offices occupied by Hanford Site end-users; alerting systems; and other miscellaneous voice and data circuits.
- OHCs shall request and provide requirements for service.

Direct Funded Services

N/A

Usage Based Services

Service	Service Type	Clarifications
Digital Line Telephone Services: which includes Integrated Services Digital Network (ISDN); Primary Rate Interface (PRI); Digital Signal One (DS1), and Voice Over Internet Protocol (VoIP) lines	Mandatory	
Analog Line Telephone Services, where available	Mandatory	
Special Circuit Services	Mandatory	
High Capacity Fiber Optic Circuit	Mandatory	
Trunk Circuits	Mandatory	
Service Orders	Mandatory	

Service Requests – Repair	Mandatory	
Site E911 support activities	Mandatory	
VoIP Telephone Services	Mandatory	

Table J-3.b-58. Service Number 58, Information Systems

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
58	Information Systems	Service	**Provide service and receive input**	Receive service and provide input	Receive service and provide input	N/A	Receive service and provide input	Receive service and provide input	Optional, except DOE

Service Description

System Acquisition, Development and Information Systems provides integrated business, technical, and project information systems including management and performance of steady state operations, maintenance, development and enhancements for Hanford Site Data Systems, and support to project and business functions.

Coordination of IT acquisition and/or deployment, regardless of the originating entity, must adhere to process as defined by the Governance Advisory Board and approved by the Hanford Federal Chief Information Officer (CIO). This includes externally hosted systems, such as cloud providers or corporate systems. This applies to coordination only, not actual purchases.

OHCs shall request and provide requirements for service.

Direct Funded Services

Provide database management, video-teleconferencing (VTC) support services, software and systems engineering, system development, systems operations and maintenance (O&M), software testing, software configuration management, and application hosting services.

Usage Based Services

Service	Service Type	Clarifications
System Integration/Interface Services	Mandatory	Integration/interface services for mission-specific (i.e. non-site-wide) systems.
System Hosting	Optional	Systems need not be hosted locally, provided the governance process is in accordance with the System Acquisition/Deployment Services and appropriate requirements (e.g. cyber security, Records) are met.
System/Software Development Services	Optional	Systems and Software need not be locally developed, provided the governance process is in accordance with the System Acquisition/Deployment Services and appropriate requirements (e.g. cyber security, Records), standards, and enterprise architecture is met. The most expedient and compliant mechanism for OHCs should be to acquire and fund these services via the HMESC.

Table J-3.b-59. Service Number 59, Federal Records Inventory and Schedule Management

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
59	Federal Records Inventory and Schedule Management	Information/ Service	**Provide service and receive input**	Receive service and provide input	Receive service and provide input	Optional	Receive service and provide input	Receive service and provide input	Receive service and provide input, except PNNL

Service Description

Inventory and Schedule Management provides the Hanford Site-wide Records Inventory and Disposition Schedule (RIDS) Database for inventorying and scheduling Federal Records of contractor providing service and for designated contractors including those documenting the missions, programs, projects and administrative functions. This work addresses records (and non-records) originated or held by the covered contractors and includes records in media, including electronic systems, databases, spreadsheets, microform, photo/negatives, hard copy paper, and other formats and media.

OHCs shall provide RIDS Database information.

Direct Funded Services

Provide Hanford Site-wide RIDS Database for Hanford Site Federal Records.

Provide Site-wide standards and procedures for Federal Records Inventory and Schedule Management.

Inventory and scheduling service.

Usage Based Services

Service	Service Type	Clarifications
Inventory and scheduling service beyond the basic service	Mandatory	

Table J-3.b-60. Service Number 60, Major Collection Management

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
60	Major Collection Management	Service	**Provide service and receive input**	Receive service and provide input	Receive service and provide input	(Optional)	Receive service and provide input	Receive service and provide input	Receive service and provide input, except PNNL (Includes MAPR)

Service Description

Major Collection Management provides continued maintenance of significant collections of records. Examples of major collections include engineering drawings, photographs/negatives, videotapes, etc.

OHCs shall meet the requirements of Major Collection Management including implementation.

Direct Funded Services

- Manage the Major Collection Program.
- Ensure that records in identified collections are indexed, authenticated, metadata complete, and accessible to those that have a business requirement.
- Maintain the historical photography collection.
- Provide imaging, indexing, and verification of hard copy engineering documents/drawings as released through a document control/configuration system.

Usage Based Services

Service	Service Type	Clarifications
Additional imaging of documents/records not covered	Mandatory	
Controlled document distribution	Mandatory	

Table J-3.b-61. Service Number 61, Long-Term Records Storage

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
61	Long-Term Records Storage	Service	**Provide service and receive input**	Receive service and provide input	Receive service and provide input	N/A	Receive service and provide input	Receive service and provide input	Receive service and provide input

Service Description

Long-Term Records Storage provides for physical storage of over 110,000 ft^3 of inactive records in various hard copy medium (paper, photographs, video, tapes, etc.) for DOE and the Hanford Site.

OHCs shall deliver and pickup records.

Direct Funded Services

- Program administration and long-term physical storage for paper and other hard copy media records and maintain information systems to manage that collection.
- Establish and maintain program procedures and process for record storage for Hanford Site.
- Receipt, storage and standard shipment and retrieval of records between the Records Holding Area (RHA) and Federal Records Center (FRC).

Usage Based Services

Service	Service Type	Clarifications
Overnight or express shipment of records from FRC to RHA at Hanford Site Contractor request	Mandatory	
Inventorying of content and packaging	Optional	Standard record storage procedure and process requirements apply to OHCs.

Table J-3.b-62. Service Number 62, Multi-Media Services

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
62	Multi-Media Services	Service	**Provide service and receive input**	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input, as applicable

Service Description

Multi-media Services provides for the development, production, or acquisition of photos, videotapes, movies, audio productions, and other similar types of media.

OHC shall:

- Comply with Hanford Site multi-media standards.
- Provide multi-media records produced by others to service provider for records.

Direct Funded Services

- Maintain Multi-media Site standards.
- Multi-media organization shall be a centralized resource for the Hanford Site. The contractor shall establish the standards and written procedures that shall be used by OHC and DOE to inventory photographs, videos, etc., identified as records. The standards/procedures shall direct that photos, videos, etc. taken or acquired are indexed, and the images/photos are merged into a Hanford Site Archive or Clearinghouse.
- Maintain, manage and provide a central repository for photos and videos to be used by other onsite contractors.
- Perform an annual self-assessment which demonstrates the relative success of efforts to collect, index and manage relevant photographic images in the central repository.

Usage Based Services

Service	Service Type	Clarifications
Centralized ready-to-serve photography and video services to the Hanford Site	Optional	

Table J-3.b-63. Service Number 63, Site Forms Management

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
63	Site Forms Management	Service	**Provide service and receive input**	Receive service and provide input	Receive service and provide input	N/A	Receive service and provide input	Receive service and provide input	Receive service and provide input

Service Description

Site Forms Management consists of a centralized and configuration-controlled forms management program that applies consistent design and promotes the use of electronic forms in gathering electronic record information to electronic records systems. The forms management program also facilitates other configuration controlled items such as labels and signage.

New form design and revision of existing forms using Adobe Acrobat®[1] and Microsoft Word®[2] applies only to those forms that are or will become official records. OHCs are allowed to create and maintain unique forms relevant solely to their internal use, unless otherwise prohibited by Site policy.

Direct Funded Services

- Administer the Hanford Site Forms Management System and Process, and design electronic forms for interactive use, as well as, conventional hard copy forms.
- Develop/design/revise/approve electronic and hard copy forms, eliminate obsolete or duplicate forms, maintain Hanford Site Forms Historical Records via the site Records Management Program, and maintain the system for centralized configuration management of site electronic and conventional hard copy forms.

Usage Based Services

Service	Service Type	Clarifications
N/A		

[1] Adobe Acrobat is the Registered Trademark of Adobe Systems, 151 South Alamden Boulevard, San Jose California.

[2] Microsoft Word is the Registered Trademark of Microsoft Corporation, One Microsoft Way, Redmond Washington.

Business Services

Table J-3.b-64. Service Number 64, Personal Property Management Program

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
64	Personal Property Management Program	Information/ Service	**Provide service and receive input**	Receive service and provide input	Receive service and provide input	Optional	Receive service and provide input	Receive service and provide input	Receive service and provide input, as applicable (PNNL DOE-EM owned equipment)

Service Description

Personal Property Management Program consists of Site-wide processes and procedures for centralized personal property management functions, such as recycling of precious metals and processing equipment that is no longer needed through the Excess Property System. Tracking of DOE-owned, contractor-managed property (site-wide) is accomplished by means of decentralized data entry into the primary property management site-wide database (Sunflower Asset Management System [SAMS]). The Program also manages the centralized storage and staging of equipment and inventory through the use of various onsite warehouses.

- OHCs deliver input to include warehouse requirement needs, Property Information Data Systems (PIDS) Data, and Contractor Balanced Scorecard Report Data; and deliver property no longer required. Costs for implementation and execution of program is the responsibility of the OHCs.
- Operate the Hanford Centralized Consolidation/Recycling Center (CCRC) to consolidate universal wastes (lamps, batteries and mercury-containing equipment) elemental mercury, aerosol products, lead-acid batteries, electric ballasts or capacitors, used shop towels, used oil, spent antifreeze and electronic equipment and provide for the disposition of these materials.

Direct Funded Services

- Provide a Site-wide Personal Property Management Program that provides for tracking of accountable personal property, management of the property management database (SAMS), including providing Site-wide property management reports and other related systems; central precious metals recycling program; excess property dispositioning; and equipment transfers and loans.
- Manage the central warehouse shipping and receiving facility. As required, provide for delivery of inventory items to onsite locations managed by other contractors.
- Manage the assigned convenience storage and spare parts warehouses, and other assigned warehouses. As required, provide for delivery of inventory items to onsite locations managed by other contractors.
- Manage the supply chain and evaluate Site-wide demand, usage trends, and programmatic requirements to act as lead in the reduction of existing line item site inventory to the lowest achievable levels.
- Provide central shipping and receiving services for OHCs at locations mutually agreed upon by the HMESC and receiving Contractor.

Usage Based Services		
Service	**Service Type**	**Clarifications**
Delivery of excess materials to the CCRC	Optional	
Delivery of excess property for disposition	Optional	

Table J-3.b-65. Service Number 65, External Affairs

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
65	External Affairs	Information/ Service	**Provide service and receive support**	Provide support	Provide support	Provide support	Provide support	Provide support	Provide support, as applicable

Service Description

External Affairs includes assistance to DOE in its programs to communicate with outside entities for Hanford Site Tours and information.

OHCs shall provide technical staff support when their facilities or waste sites are visited, to include guides/speakers, and handouts, when the tour involves respective Hanford Site Contractor work scope, and DOE requests.

Direct Funded Services

- Support DOE program administration and integration for External Affairs Program and Information.
- Support DOE's management of the internal and external Hanford Site Websites.
- Work with DOE to strategize, plan, arrange logistics for, and conduct or support Hanford Site tours and visits to projects/facilities by external parties as requested.
- Provide transportation; coordinate badging; work with OHCs, as needed; and provide guides/speakers, handouts, and refreshments, as appropriate or as requested.
- Provide information and assistance to DOE for activities to the *Freedom of Information Act* (FOIA) and *Privacy Act*.
- Provide program administration.

Usage Based Services

Service	Service Type	Clarifications
N/A		

Table J-3.b-66. Service Number 66, External Reviews

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
66	External Reviews	Information	**Receive support**	Provide support	Provide support	Provide support	Provide support	Provide support	Provide support, as applicable

Service Description

External Reviews provide support to DOE during audits and assessments from outside entities having oversight responsibility for DOE and their contractors. These entities include the Defense Nuclear Facilities Safety Board, the Government Accountability Office, the DOE Office of Inspector General, and other governmental and Department of Energy oversight organizations, such as the Office of Health, Safety, and Security and Office of Enforcement.

- OHCs shall provide support to the HMESC, as directed by DOE, in their External Reviews responsibilities.
- OHCs shall provide support for Site-wide or crosscutting reviews.

Direct Funded Services

- Support DOE in hosting staff from auditing and assessing organizations, providing or coordinating required presentations, responding to information requests, coordinate site-wide or crosscutting reviews, and by providing required subject matter experts to respond to questions and information requests.
- Provide program administration.

Usage Based Services

Service	Service Type	Clarifications
N/A		

Table J-3.b-67. Service Number 67, Courier Services

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
67	Courier Services	Service	**Provide service**	Receive service	Receive service	Receive service	Receive service	Receive service	Receive service, as applicable

Service Description

Courier services for the Hanford Site includes delivery and pickup of miscellaneous items, such as calibrated instruments, medical samples, equipment to be repaired, essential (time-sensitive, critical) documents and pickup and shredding of classified documents.

OHCs shall request and provide requirements for service.

Direct Funded Services

N/A

Usage Based Services

Service	Service Type	Clarifications
Courier services as identified	Optional	• Services are available 6:30 a.m. – 11:30 a.m. on the Hanford Site 4×10 Work Schedule, excluding the HMESC holidays. • Service is provided on an “as available” basis.

Table J-3.b-68. Service Number 68, Mail Services

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
68	Mail Services	Service	**Provide service**	Receive service	Receive service	N/A	Receive service	Receive service	Receive service, as applicable

Service Description

Mail Services for the Hanford Site includes delivery to major building/locations and relies on the serviced organization/company to deliver mail to individuals within their respective organizations.

- Mail delivery once a day, Monday thru Friday, excluding Hanford Site closure holidays.
- OHCs shall be responsible for mail distribution to contractor staff within their facility.

Direct Funded Services

- Manage Mail Services;
- Provide for basic mail services, including postage fees, pickup and delivery of interplant and U.S. Postal mail to customers. The work scope includes the pickup, routing and delivery of interplant mail (i.e., mail that does not leave the Hanford Site);
- Distribute and pickup mail at defined locations in the contractor's facilities; and
- Provide postage.

Usage Based Services

Service	Service Type	Clarifications
N/A	Mandatory	

Table J-3.b-69. Service Number 69, Reproduction Services

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
69	Reproduction Services	Service	**Provide service**	Receive service	Receive service	Optional	Receive service	Receive service	Receive service (DOE Mandatory)

Service Description

Reproduction Services provides large volume document reproduction services and manages the convenience copier contract. Reproduction includes duplication of paper, digitally transmitted documents, and engineering drawings; high volume copying services; color copies; forms reproduction; special bindings; tabbing, etc.

- OHCs shall be responsible for identifying convenience copier locations to service provider.
- OHCs shall request and provide requirements for service.

Direct Funded Services

N/A

Usage Based Services

Service	Service Type	Clarifications
Large Volume Reproduction	Mandatory	Work that cannot be performed onsite by Reproduction Services or is above a threshold established by the Government Printing Office (5,000 production units of one page or 25,000 production units in the aggregate of multiple pages) will be submitted to U.S. Government Printing Office (GPO) by Reproduction Services.
Convenience Copiers	Optional	

Real Property Asset Management

Table J-3.b-70. Service Number 70, General Purpose Facility Planning and Management

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
70	General Purpose Facility Planning and Management	Service	**Provide service and receive input**	Provide input	Provide input	N/A	Provide input	Provide input	Provide input, as applicable

Service Description

The HMESC, as lead, to evaluate demand and supply of facilities through coordination and integration with DOE and OHCs to collectively develop, maintain, and implement a strategy and objective to support and improve operational efficiencies, and to effectively and accurately manage general purpose facility space needs.

- OHCs shall bear internal implementation costs for facility data entry and management. This includes sharing software license(s) costs.
- OHCs shall participate to develop a site-wide strategy and objectives for facilities management and utilization of space and deliver facility information, such as, but not limited to floor plans, special data, and occupancy data.
- OHCs shall participate in a Joint Contractor Space Utilization Board and implementation of the Sitewide Facility System platform and software maintained by the HMESC for the integrated, central inventory of Hanford Site Facilities and Structures.

Direct Funded Services

Provide program administration to maintain and document facility strategy and objectives, and administration of the facility system, including assisting OHCs with computer aided design (CAD) and data entries.

Usage Based Services

Service	Service Type	Clarifications
N/A		

Table J-3.b-71. Service Number 71, Facility Services

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
71	Facility Services	Service	**Provide service and receive input**	Receive service and provide input	Receive (limited) service and provide input	N/A	Receive (limited) service and provide input	Receive service and provide input	Receive service and provide input (N/A for PNNL)

Service Description

Facility Services is a central maintenance function for non-radiological facilities.

- The HMESC shall provide management and administrative oversight for requested facility services, including planning and directing the work. The HMESC shall provide for the following facility services in support of the OHCs: Facility painting, sign painting, carpentry, refrigerated equipment service, installation, pipefitting, electrical, sheet metal, instrumentation, cement finishing, glazier work, custodial, movers, equipment calibration, and heating, ventilation, and air conditioning (HVAC) maintenance and repair.
- OHC users shall request and provide requirements for service.

Direct Funded Services

N/A

Usage Based Services

Service	Service Type	Clarifications
Provide Facility Services for systems, structures, components, and facilities	Mandatory	TWCC and 222-S Lab shall receive (mandatory) refrigerated equipment service, custodial service and movers service upon request and provide input to the HMESC. All other services for TWCC and 222-S Lab are optional.

Table J-3.b-72. Service Number 72, Condition Assessment Surveys

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
72	Condition Assessment Surveys	Planning	**Provide service and receive input**	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input, as applicable

Service Description

Condition Assessment Surveys are used to assess the current material condition of facilities, structures, systems, and equipment, and documents maintenance deficiencies. The assessment information for each assessed item is entered into the Condition Assessment Information System (CAIS), which provides an estimate of maintenance upgrade costs.

- OHCs shall enable access for conducting onsite condition assessments.
- OHC shall bear internal implementation costs to support condition assessment survey inspections and to provide condition assessment survey planning and inspection data as needed by the Condition Assessment Survey Administrator.
- Service Recipients' Point of Contract (POC) are responsible for the overall coordination of support for the Condition Assessment Surveys inspection program within their company. Upon the request of the Condition Assessment Surveys Administrator, the Service Recipients POCs shall:
  - Provide planned maintenance costs.
  - Provide planned facility shutdown year.
  - Resolve scheduling issues between Condition Assessment Surveys Administrator and Facility Managers.
  - Provide facility access and support during Condition Assessment Surveys inspections as needed.
  - Review results of the Condition Assessment Surveys inspection and provide feedback to the Condition Assessment Surveys Administrator.

Direct Funded Service

- Manage the Hanford Site Condition Assessment Surveys Program's condition assessment survey/CAIS and provide for the administration of and execution of the condition assessment survey inspection program in order to accurately evaluate the existing state of specific facilities and identifying the deferred maintenance liability.
- Coordinate the necessary inspection activities with the various site contractors that have eligible facilities for condition assessment survey inspections.
- Make the condition assessment survey data available to OHCs.
- Administer the Condition Assessment Survey Program.

Usage Based Services

Service	Service Type	Clarifications
N/A		

Table J-3.b-73. Service Number 73, Facility Information Management System (FIMS)

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
73	Facility Information Management System (FIMS)	Planning	**Provide Service and receive input**	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input, as applicable

Service Description

DOE uses FIMS as the complex-wide real property database for real property which provides an inventory and management tool that assists with planning and managing real property assets. FIMS is centrally managed at DOE Headquarters.

- OHCs shall deliver FIMS Data and input to the Comprehensive Data/Site Management Strategy for spatial data.
- Service Recipients POCs are responsible for the overall coordination of FIMS Data requests within their company. This coordination may include the development or gathering of data, validation of data, and timely reporting of data to ensure compliance with reporting deadlines provided by the HMESC FIMS Administrator. In the event that supplementary data is available, for a given data request, the OHCs shall validate the data for accuracy and submit it to the FIMS Administrator as part of the data reporting process.

Direct Funded Services

- Manage the local effort for FIMS, meeting specific, annual reporting requirements and shall be responsible for collecting data from OHCs in order to meet mandatory reporting requirements.
- Provide program administration and administration of the FIMS Database and Program.
- Support HQ reporting and annual validation exercises including meeting criteria described in the annual direction from DOE.

Usage Based Services

Service	Service Type	Clarifications
N/A		

Table J-3.b-74. Service Number 74, Locksmith Services

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
74	Locksmith Services	Service	**Provide service and receive input**	Receive service from and provide input	Receive service from and provide input	N/A	Receive service from and provide input	Receive service from and provide input	Receive service from and provide input (N/A for PNNL)

Service Description

Locksmith Services include installation, replacement, and maintenance of locks, keys, and access control systems for the protection of nuclear materials (including SNM), facilities with radiological/toxicological sabotage concerns and classified matter, and Government property within Government/Contractor facilities and Government-leased and Contractor-leased Facilities across the Hanford Site. Physical security access control requirements are provided by Physical Security.

Direct Funded Services

N/A

Usage Based Services

Service	Service Type	Clarifications
Installation, replacement, and maintenance of locks, keys, and access control systems	Mandatory	

Environmental Stewardship and Management

Table J-3.b-75. Service Number 75, Land-Use Planning and Management

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
75	Land-Use Planning and Management	Information/ Service	**Provide service and receive input**	Request service and provide input	Request service and provide input	Request service and provide input per ICD 09 – Land for Siting	Request service and provide input	Request service and provide input	Request service and provide input, as applicable

Service Description

Land-Use Planning and Management consists of land-use planning (for the Hanford Site, in general and specific parcels) and management (including day-to-day implementation of the CLUP).

- OHCs shall support and provide input to the Land-use Planning and Management Program, including providing input to the Five Year Site Plan (FYSP), obtaining excavation permits, utilizing site selection process, complying with the CLUP and its associated implementation documents, and providing input to develop new or update existing Plans.
- OHCs shall implement program for Land-use planning and management for real property at the Hanford Site.
- OHCs shall support the Site Selection and Evaluation Process by providing advance notice and necessary information to support, site evaluation, and adhere to conditions of approval or rejection.
- OHCs shall support land use restrictions aligned with the CLUP and implementing documents (e.g. equivalent to land use "zoning, cultural and environmental protection").

Direct Funded Services

- Implementation and management of CLUP.
- Develop the FYSP for the Hanford Site in coordination with OHCs.
- Perform management of real property at the Hanford Site for DOE and coordinate the use of real property among OHCs.
- Perform a range of real property activities, such as conducting land-use planning for areas and specific parcels; conducting reviews and integrating land-use requests for new facilities, infrastructure systems, land improvements, or change of land use; conducting land management activities, including day-to-day implementation of the CLUP; managing land use requirements and beneficial reuse of land; and conducting real estate activities in the out-grant and disposal of real property or interests therein.
- Administer and manage the Site Selection and Excavation Permit Processes.
- Monitor and assess the use of real property to assure compliance with restrictions, such as institutional controls and land use "zoning".

- Manage real property by reviewing property uses, reclassifying land use and facilities, investigating and characterizing land, monitor misuse of property or encroachments, identifying orphan or unknown land uses (e.g., non-pristine land, hazards, and waste sites), dispositioning non-permitted activities; and tracking and documenting land-use occurrences and activities.
- Provide program administration.

Usage Based Services

Service	Service Type	Clarifications
Excavation permits	Mandatory	

Table J-3.b-76. Service Number 76, Borrow Pit Management

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
76	Borrow Pit Management	Service	**Provide service and receive input**	Receive service and provide input	Receive service and provide input	Receive service and provide input per ICD 09 – Land for Siting and ICD 28 – Pit 30 Aggregate Supply for Construction	Receive service and provide input	Receive service and provide input	Optional

Service Description

The HMESC shall establish and manage the Hanford Borrow Pit Management Program.

- Define and manage the program to collect borrow source material needs, via the ISAP Process, from the users and define/identify appropriate resources to meet these needs.
- Define pertinent procedures for effective and efficient management operations.
- Coordinate necessary interfaces within the HMESC and with OHCs to ensure effective program operations.
- Identify and coordinate necessary reviews, approvals, permit activities or authorizations (e.g. NEPA, *National Historical Preservation Act of 1966* [NHPA], etc.) necessary to secure and mine borrow source material.
- Staff program administrative activities as appropriate.

OHCs shall:

- Provide input to the HMESC, via the ISAP Process, describing project lifecycle borrow source material needs, including but not limited to: material type, quantity, and schedule.
- Provide information and support to the HMESC (including internal contractor staff time where necessary) adequate to support necessary reviews, approvals, permit activities or authorizations (e.g. NEPA, NHPA, etc.)
- Assume costs for pit operations, material removal and transport.
- Assume costs for pit remediation.

Direct Funded Services		
The HMESC bears the cost burden of program administration. Hanford Site Contractors/users bear internal implementation costs.		
Usage Based Services		
Service	**Service Type**	**Clarifications**
N/A		

Table J-3.b-77. Service Number 77, Hanford Structure Responsibility Assignment Matrix (HSRAM) and Hanford Waste Site Responsibility Assignment Matrix (HWSRAM)

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
77	Hanford Structure Responsibility Assignment Matrix (HSRAM) and Hanford Waste Site Responsibility Assignment Matrix (HWSRAM)	Information	**Receive input**	Provide input	Provide input	Provide input per ICD 09 – Land for Siting	Provide input	Provide input	Provide input

Service Description

The Hanford Structure Responsibility Assignment Matrix (HSRAM) and Hanford Waste Site Responsibility Assignment Matrix (HWSRAM) establishes assignment of responsibility for each facility and waste site to site contractors. This activity provides for maintenance, configuration control, and upgrading of the lists.

- OHCs shall provide facilities, structures, and wastes site data and input to update the HSRAM and HWSRAM.
- OHC shall provide data and support on the facilities, waste sites, and activities to support maintenance of the HSRAM and HWSRAM.
- OHCs shall provide periodic reviews of the HSRAM and HWSRAM taking ownership of the data quality for their facilities and waste sites.
- OHCs shall align facility change data reporting to track major facility changes using definitions described in Appendix A.
- OHCs shall ensure information provided is as complete, current, and accurate as reasonably possible.
- OHCs shall notify the HSRAM POC upon discovering a discrepancy in data reported.
- OHCs shall provide updates to the HSRAM POC as soon as a major facility change occurs.

Direct Funded Services

- Maintain the HSRAM and HWSRAM serving as Administrator of the data, and is responsible for the platform for the data and Site-wide reporting.
- Responsible for the Site-wide Configuration Control Process, and shall be responsible for collecting data from OHCs in order to meet mandatory reporting requirements.
- Proposed changes in assignment of facilities must be ratified by DOE.
- Management, maintenance, configuration control, and reporting of the HSRAM and HWSRAM.

Usage Based Service

Service	Service Type	Clarifications
N/A		

Table J-3.b-78. Service Number 78, Post Cleanup Surveillance and Maintenance

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
78	Post Cleanup Surveillance and Maintenance	Information	**Receive input**	Provide input	Provide input	Provide input per ICD 09 – Land for Siting	N/A	N/A	N/A

Service Description

Elements within this work scope include engineered and non-engineered institutional controls designed to contain or to prevent exposures to potential residual contamination and waste, surveillance activities, record-keeping activities, inspections, groundwater monitoring, ongoing pump and treat activities, cap repair, maintenance of entombed buildings or facilities, maintenance of other barriers and containment structures, access control, and posting signs.

- OHCs role is to provide input by preparing an area Transition and Turnover Package (TTP) in accordance with the approved TTP template.
- OHCs shall provide information for the Hanford Post Cleanup Program Plan, transition area Surveillance and Maintenance Plans, Annual NEPA Mitigation Action Plan Accomplishments, Institutional Controls Plan, CERCLA 5-year reviews, Site Transition Plans, and annual site-wide institutional controls assessment.
- OHCs shall coordinate with the Hanford Post Cleanup Program Plan and provide input to the Transition and Turnover Packages for a given parcel or area of land.
- OHCs shall coordinate in development of CERCLA RODs including institutional controls to achieve consistency with the Post Cleanup Program Plan.
- OHCs shall provide information for the Hanford Site Institutional Controls Plan in accordance with Hanford Site CERCLA Records of Decision, Hanford Site RCRA Post Closure Plans, and RCRA Permit Corrective Action Modifications.
- Contractor turning over transfer shall pay for costs during transition, which includes but is not limited to, signs, plans, documentation, samples, use plans, project documents, surveillance and maintenance requirements, and monitoring plans.

Direct Funded Services

- Post Cleanup Surveillance and Maintenance (post-remediated transferred sites Provide integrated planning of this work scope for the entirety of the Hanford Site.
- Maintain the Hanford Post Cleanup Program Plan, the Surveillance and Maintenance Plans for each area of land transitioned from the Cleanup Program, and the Site-Wide Institutional Controls Plan.
- Perform required institutional control assessments for portions of the Hanford Site that have been assigned, and the coordinate with DOE and OHCs to compile the results of the annual Hanford Site-wide Institutional Controls Assessment.
- Perform Hanford Site-wide CERCLA 5-year reviews including comment response, interim documentation, and lessons learned.
- Provide program administration.

Usage Based Services

Service	Service Type	Clarifications
N/A		

Environmental Integration

Table J-3.b-79. Service Number 79, Cultural and Historic Resource Program

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
79	Cultural and Historic Resource Program	Information/ Service	**Provide service and receive input**	Receive service and provide input	Receive service and provide input	Receive service and provide input	Receive service and provide input	N/A	Receive service and provide input, as applicable

Service Description

The Cultural and Historic Resource Program administers the program for protecting Hanford Site cultural and historical resources, and documents and addresses real or potential Site-wide issues and their impacts; and assures compliance with associated laws, DOE directives, and legally-binding agreements.

- OHCs shall provide information to perform NHPA Section 106 Reviews for their scope of work, and provide information and materials to support execution of the CLUP Cultural and Historic Resource Program Plan. In particular, mission contractors shall utilize the HMESC's Project Records and Files for background research.
- OHC shall transfer Manhattan Project/Cold War Era objects and associated records and materials, if collected based on applicable regulations, to DOE's MAPR Contractor.

Direct Funded Services

- Manage the Cultural and Historic Resource Program.
- Provide Program administration.
- Monitor and support the resource protection activities of OHCs; coordinate surveys performed to document the occurrence of protected resources; evaluate and document impacts to protected resources; establish and maintain procedures for and manage Hanford Site cultural and historic resource site files (hard copy and electronic); short-term and long-term agreements for federally-owned artifact collections; and associated compliance project files for such work that occurs at the Hanford Site; and curate files and artifacts in accordance with 36 CFR 79, *Curation of Federally-Owned and Administered Archaeological Collections* (excluding the collection and management of artifacts from the Manhattan Project and Cold War Era [1943-1990] comprising the Hanford Collection).
- Manage professional staff/services to identify human remains and determine whether or not human remains are Native American during inadvertent discoveries of human remains and funerary objects in accordance with the applicability of the *Native American Graves Protection and Repatriation Act*.

Usage Based Services

Service	Service Type	Clarifications
Conducting NHPA Section 106 reviews for OHCs specific projects	Mandatory	Includes obtaining or updating NHPA cultural exemptions in accordance with NHPA processes and legally binding agreements.

Table J-3.b-80. Service Number 80, Procedures Management System

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP	222-S Lab	OccMed	Other Site Users
80	Procedure Management System	Service	**Provide software training and services**	Receive Services	Receive Services	N/A	Receive Services	Receive Services	Receive Services

- **Service Description**

A procedures management system provides electronic processing and delivery for DOE and OHCs procedure documents on the intranet. The system software, training, and associated services are provided by the HMESC for use by DOE and OHCs.
HMESC shall:

- Provide, implement, administer and maintain a procedures management system, including software.
- Provide initial and recurrent training on its use at a frequency needed to maintain capability and proficiencies.
- Develop and maintain a site Procedures Standard.
- Coordinate and interface with DOE and the OHCs to maintain the configuration of the process and the implementing Standard.

DOE and OHCs will provide technical procedure content and develop and maintain their respective procedure development processes consistent with site procedure standard and software.

Direct Funded Services

Provide Services as described in Service Description.

Usage Based Services

Service	Service Type	Clarifications
N/A		

Waste Stabilization and Disposition

Table J-3.b-81. Service Number 81, Low Level Waste (LLW) and Mixed Low Level Waste (MLLW) Treatment, Storage, and Disposal

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
81	Low Level Waste (LLW) and Mixed Low Level Waste (MLLW) Treatment, Storage, and Disposal	Physical	N/A	**Provide Service and Receive Waste**	Package and deliver to CPCC	Provide waste to TWCC	Package and deliver to CPCC	N/A	Package and deliver waste, except DOE

Service Description

This activity provides for LLW and MLLW Treatment, Storage, and Disposal.

OHCs shall prepare waste, including packaging and treatment, and provide for waste transport.

Direct Funded Services

- Service includes one ramp access for waste unloading, waste storage and waste disposal operations.
- Operate the Low Level Burial Grounds to receive/dispose waste.

Usage Based Services

Service	Service Type	Clarifications
Operate the Low Level burial grounds to receive/dispose waste.	Mandatory	Services required beyond the one ramp access.

Table J-3.b-82. Service Number 82, Waste Disposal – CERCLA/RCRA Remediation Waste including Low Level Waste (LLW) and Contact-handled and Remote-handled (CH/RH) Mixed Low Level Waste (MLLW)

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
82	Waste Disposal – CERCLA/RCRA Remediation Waste including Low Level Waste (LLW) and Contact-handled and Remote-handled (CH/RH) Mixed Low Level Waste (MLLW)	Physical	Deliver to	**Receive Waste**	Deliver to	N/A	Deliver to	N/A	Optional

Service Description

The CPCC Contractor shall perform transportation, treatment, storage, and disposal of CERCLA, RCRA, LLW, and Contact Handled/Remote Handled Mixed Low Level Waste (CH/RH-MLLW).

OHCs shall request and provide requirements for service.

Directed Funded Services

Directed funded for one ramp operations (100 cans/day 4-days/week), usage based fees listed below are beyond one ramp operation.

Usage Based Services

Service	Service Type	Clarifications
Waste transportation	Mandatory	Requiring Environmental Restoration Disposal Facility Waste Transportation Services.
Waste treatment	Mandatory	
Waste storage	Mandatory	

Table J-3.b-83. Service Number 83, Immobilized Low Activity Waste (ILAW) Disposal

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
83	Immobilized Low Activity Waste (ILAW) Disposal	Physical	N/A	**Receive and dispose**	Deliver to CPCC	N/A	N/A	N/A	N/A

Service Description

This activity provides for disposal of ILAW.

Direct Funded Services

- Provide ready-to-serve capability for 3 canisters/day with a maximum of 1300 canisters/year.
- Operate the Integrated Disposal Facility and receive/dispose waste.

Usage Based Services

Service	Service Type	Clarifications
Prepare and provide for transportation of ILAW to the IDF for disposal	Mandatory	Waste generators incur incremental cost of work resulting from their waste.

Table J-3.b-84. Service Number 84, Transuranic (TRU) and Transuranic Mixed Waste (TRUM) Packaging, Characterization, Certification, and Transportation

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
84	Transuranic (TRU) and Transuranic Mixed Waste (TRUM) Packaging, Characterization, Certification, and Transportation	Information/ Physical/ Service	N/A	**Performs Service and receives TRU/TRUM Waste from OHCs, and coordinates with and supports WIPP Central Characterization Program (CCP)**	Package and deliver TRU/TRUM	N/A	Package and deliver TRU	N/A	Except DOE, package and deliver TRU/TRUM

Service Description

This activity provides for receipt of TRU and TRUM from OHCs and certification and loading waste for shipment to the Waste Isolation Pilot Plant (WIPP) or other DOE approved Sites.
Services include:

- The CPCC Contractor shall receive waste from OHCs, and provide interim storage if required;
  - The CPCC Contractor shall coordinate with and support Waste Isolation Pilot Plant (WIPP) Central Characterization Program (CCP) or other DOE-approved Sites' that will perform TRU/TRUM waste, treatment, certification and transportation activities offsite as a service to the CPCC Contractor. The CCP will provide the equipment for characterization of waste (if not already provided at Waste Receiving and Processing [WRAP]) (e.g. RTR, assay, sampling, etc.); and perform certification, and shipping of waste to WIPP or other DOE Sites as a service to the CPCC Contractor.
- The CPCC Contractor shall identify ESH&Q interfaces and establish and implement appropriate ESH&Q Programs to support CCP.
- The CPCC Contractor shall provide the infrastructure to support CCP regarding characterization equipment (e.g. Real Time Radiography [RTR], assay, sampling, loading, etc.)
- The CPCC Contractor shall perform assay of waste to segregate Low-Level and Low-Level Mixed waste.
- The CPCC Contractor shall operate and maintain the balance of the WRAP Facility.
- The CPCC Contractor shall provide the necessary public release clearances to CCP generated documents.
- The CPCC Contractor shall provide mobile crane and crane operator support for mobile loading equipment to CCP.
- The CPCC Contractor shall support container movements for CCP waste certification and transportation activities.
- The CPCC Contractor shall provide facility records, packaging records, and other documents necessary to prepare waste certification packages to CCP.

OHCs generators of TRU and TRUM waste shall provide waste to CPCC that complies with Hanford Site Waste Acceptance Criteria.

Direct Funded Services		
Provides ready-to-serve for waste receipt, and storage from OHCs.		
Usage Based Services		
Service	**Service Type**	**Clarifications**
N/A		

Table J-3.b-85. Service Number 85, Groundwater/Vadose Zone Integration

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
85	Groundwater/Vadose Zone Integration	Information / Service	Provide input	**Provide service and receive input**	Provide input	N/A	N/A	N/A	N/A

Service Description

The Groundwater/Vadose Zone Integration activity maintains and controls site-wide data and models used for groundwater/vadose zone analysis and coordinates site-wide groundwater/vadose zone activities.

- OHCs shall participate in the CPCC Contractor's periodic planning and coordination meetings; and deliver modeling and risk assessment information. OHCs shall provide comments on the annual update to the Integrated Plan and Schedule for all soil and groundwater work, and the annual Groundwater Monitoring Report.
- OHCs shall supply groundwater analysis requirements and reporting of risk assessment data and analysis, input for the Fiscal Year Integrated Groundwater Monitoring Plan for the Hanford Site, comments on the *Comprehensive Environmental Response, Compensation, and Liability Act of 1980* (CERCLA) Groundwater and Deep Vadose Zone Remediation Activity Progress Reports.
- OHCs shall provide data/information to CPCC on self-performed drill and sample soil borings that yield additional vadose zone characterization data.
- Hanford Site Contractors shall bear internal implementation costs.

Direct Funded Services

- Conduct the Groundwater/Vadose Zone Integration Project.
- Program administration.

Usage Based Services

Services	Service Type	Clarifications
N/A		

Table J-3.b-86. Service Number 86, Hanford Site Well Drilling and Decommissioning Planning

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
86	Hanford Site Well Drilling and Decommissioning Planning	Information	Provide input	**Coordinate and provide and receive input**	Provide input	N/A	N/A	N/A	Provide input

Service Description

This activity includes the interface necessary for drilling and decommissioning of Hanford Site wells.

- OHCs shall provide input for the Hanford Site Well Decommissioning Plan, CERCLA, RCRA, and Atomic Energy Act of 1954 (AEA) plans.
- OHCs shall bear internal implementation costs.

Direct Funded Services

- Coordinate with OHCs during the installation and maintenance of wells for the groundwater well network and maintain and implement the Hanford Site Well Decommissioning Plan.
- Program administration and coordination.

Usage Based Services

Services	Service Type	Clarifications
N/A		

Table J-3.b-87. Service Number 87, Hanford Sitewide Transportation Safety Document

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
87	Hanford Sitewide Transportation Safety Document	Information/Service	Receive service and provide input	**Provide service to site contractors**	Receive service and provide input	N/A	Receive service and provide input	N/A	Receive service and provide input

Service Description

CPCC shall retain ownership of the RL approved Hanford Sitewide Transportation Safety Document (TSD), DOE/RL-2001-36, as amended, and is to perform maintenance of the TSD through the duration of the CPCC period of performance.

- CPCC shall act in the role of the TSD Configuration Manager as set forth in TSD Section 4.4 of the TSD). Responsibilities of the TSD Configuration Manager includes the following:
  - Ensure notifications of potential inadequacies in the safety analyses are appropriately distributed to the contractor Transportation & Packaging (T&P) points-of-contact.
  - Ensure new Packaging Safety Documents and tiedowns are distributed to the contractor T&P points-of-contact.
  - Ensure unreviewed safety question for transportation determinations are appropriately distributed to the contractor T&P point-of-contact. Maintain configuration control of the TSD.
  - Prepare, submit to DOE-RL for approval, and implement the TSD annual update.
  - Maintain the safety basis current as required by DOE O 460.1D (or current version shown in Attachment J.2) and 10 CFR 830.
  - Organize and conduct contractor interface meetings.
- CPCC shall also control and maintain the TSD Configuration Manager website to include all authorized Packaging Safety Documents, Special Packaging Authorization Shipment Evaluation Checklist, and tiedown/internal load securement plans.
- CPCC and affected Hanford Site contractors shall participate in the TSD annual update and perform to the responsibilities set forth in Section 4.3 of the TSD.
- DOE will evaluate contractor/user input on the TSD annual update prior to approval. The TSD annual update will be approved by DOE.

Direct Funded Services

- CPCC bears the cost burden of program administration and their internal implementation. Hanford Site contractors/users bear their respective internal implementation costs.

Usage Based Services

Service	Service Type	Clarifications
N/A		

Waste and Environmental Data Management

Table J-3.b-88. Service Number 88, Waste Forecast System – Solid Waste Information and Tracking System (SWITS) and Solid Waste Integration Forecast Technical Database (SWIFT)

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
88	Waste Forecast System – Solid Waste Information and Tracking System (SWITS) and Solid Waste Integration Forecast Technical Database (SWIFT)	Information	Provide data	**Receive data**	Provide data	Provide data	Provide data	Provide data	Provide data, except DOE

Service Description

Waste Forecast System identifies future quantities of hazardous and radioactive waste generation for wastes managed by the contract.

- Operate and maintain SWITS and SWIFT, and shall make them available to OHCs.
- OHCs shall provide waste generation data.
- OHCs shall bear internal implementation costs.

Direct Funded Services

- Operate and maintain Waste Forecast System.
- Provide program administration.

Usage Based Services

Basic Services	Service Type	Clarifications
N/A		

Table J-3.b-89. Service Number 89, Hanford Environmental Data Integration

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
89	Hanford Environmental Data Integration	Information Service	Provide input	**Receive data**	Provide input	N/A	Provide input	N/A	Provide input, except DOE

Service Description

Provides for maintenance, configuration control, and upgrading of key Hanford Site Environmental Assessment Databases.

- Serve as Data Manager for the following information systems:
  - Hanford Environmental Information System (HEIS);
  - Sample Data Tracking (SDT) System;
  - Hanford Well Information System (HWIS); and
  - Waste Information Data System (WIDS).
- OHCs shall provide data and support on the facilities and activities for maintenance of the above listed Hanford Site-wide Environmental Databases.
- OHC shall supply information/data and are responsible for data quality.
- OHC shall bear internal implementation costs.

Direct Funded Service

Program administration and maintenance of identified Hanford Site-wide Environmental Databases.

Usage Based Services

Service	Service Type	Clarifications
N/A		

Tank Farm Base Operations

Table J-3.b-90. Service Number 90, Vent and Balance

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
90	Vent and Balance	Service	Receive service	Receive service	**Provide service**	N/A	Receive service	N/A	Receive service as applicable

Service Description

Vent and Balance 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.

- Perform cost-effective/efficient Vent and Balance Services (primarily HEPA filter testing and replacement) for RPP Facilities and for the balance of the Hanford Site.
- Other Site Users shall request and provide requirements for service.

Direct Funded Service

N/A

Usage Based Services

Service	Service Type	Clarifications
Vent and Balance service	Mandatory	

Table J-3.b-91. Service Number 91, Steam Services

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
91	Steam Services	Service	N/A	Receive service	Receive service	N/A	N/A	N/A	N/A

Service Description

The Energy Savings Performance Contractor (ESPC), under a separate prime contract, currently includes steam service to support heating and other operations at the Site and air compressors for twenty 300 Area Facilities. The ESPC 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.

- OHCs shall assume the operation and maintenance of the boilers from the ESPC.
- OHCs shall enable and lead successful transition of the boilers to ensure continued reliable steam supply

Direct Funded Services

- ESPC shall deliver service to Hanford Site Contractors through 2021.
- The boiler serving the facility will be performed by the facility owner after the expiration of the ESPC.

Usage Based Services

Basic Service	Service Type	Clarifications
N/A		

Table J-3.b-92. Service Number 92, 200 Area Industrial and Radioactive Liquid Effluents Treatment and Disposal and Industrial Liquid Effluents Retention and Transfer

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
92	200 Area Industrial and Radioactive Liquid Effluents Treatment and Disposal and Industrial Liquid Effluents Retention and Transfer	Physical	N/A	Deliver	**Provide Service and Receive Effluents**	N/A	Deliver	N/A	N/A

Service Description

This activity provides for treatment and disposal of radioactive liquid effluents in the 200 Area only.

OHCs shall bear internal implementation costs.

Direct Funded Services

Operate the Effluent Treatment Facility (ETF), Liquid Effluent Retention Facility (LERF), 200 Area Treated Effluent Disposal Facility (TEDF), and the State Approved Land Disposal Site (SALDS) shall receive, treat, store, and dispose of industrial and radioactive liquid effluents from OHCs in the 200 Area.

Usage Based Services

Service	Service Type	Clarifications
N/A		

Table J-3.b-93. Service Number 93, WTP Support

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
93	WTP Support	Information	Provide input	Provide input	Provide input	**Receive input**	N/A	N/A	N/A

Service Description

WTP interface provides support for WTP Construction.

- Interface Control Documents (ICDs) identify interface requirements, technical and service gaps, and document issues in order to support efficient and timely construction, startup, commissioning, and operation of WTP. ICDs do not represent contractual obligations between the executing parties or the government.
- The WTP Construction Contractor shall maintain WTP Construction ICDs, including, but not limited to:
  - ICD 1, *Raw Water*;
  - ICD 2, *Potable Water*;
  - ICD 3, *Radioactive Solid Wastes*;
  - ICD 5, *Non-Radioactive, Non-Dangerous Liquid Effluents*;
  - ICD 6, *Radioactive Dangerous Liquid Effluents*;
  - ICD 9, *Land for Siting*;
  - ICD 11, *Electricity*;
  - ICD 12, *Roads*;
  - ICD 14, *Immobilized High-Level Waste*;
  - ICD 15, *Immobilized Low-Activity Waste*;
  - ICD 19, *Low-Activity Waste Feed*;
  - ICD 23, *Waste Treatability Samples*;
  - ICD 28, *Pit 30 Aggregate Supply for Construction*;
  - ICD 29, *Waste Sodium*;
  - IDC 30, *Direct LAW Feed*; and
  - ICD 31, *DFLAW Effluent Returns to Double-Shell Tanks*.
- OHCs shall bear internal costs associated with WTP Construction ICD participation, review, and approval.
- The HMESC, CPCC, and TWCC Contractors will interface and participate with WTP Construction Contractor in the revision and approval of WTP Construction ICDs.

Direct Funded Services		
The TWCC Contractor shall be responsible for coordinating, planning, and paying for the WTP Construction Contractor's Requirements for infrastructure, utility, and service support from the HMESC and CPCC Contractor's as identified in the Hanford Site Services and Interface Requirements Matrix.		
Usage Based Services		
Service	**Service Type**	**Clarifications**
N/A		

222-S Analytical Laboratory

Table J-3.b-94. Service Number 94, Integrated Analytical Planning

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
94	Integrated Analytical Planning	Information	Provide data	Provide data	Provide data	Provide data	**Provide service and receive data**	Provide data	Provide data, as applicable

Service Description

Analytical Integrated Planning provides integrated Site-wide analysis plans, data quality objectives, and process and analytical technology support.

- Interface with OHCs to develop sample analysis rates and waste generation estimates.
- OHC shall use integrated planning products to plan sample analysis expenditures.
- OHC shall provide input to support sample analysis planning.

Direct Funded Services

- Administer Analytical Integrated Planning Program.
- 222-S Laboratory Integration.

Usage Based Service

Service	Service Type	Clarifications
N/A		

Table J-3.b-95. Service Number 95, Highly Radioactive Sample Analytical Services

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
95	Highly Radioactive Sample Analytical Services	Service	Receive services	Receive services	Receive services	N/A	**Provide services to Site contractors**	N/A	Receive services, as applicable

Service Description

Provide highly radioactive sample analysis in support of Hanford Site Projects.

- OHCs shall develop annual Service Level Agreements to forecast funding requirements.
- OHCs receiving sample analytical services are responsible for shipping and dispositioning of excess sample material.

Direct Funded Services

- Receive and prepare samples, which are potentially highly radioactive; record and track samples and related waste materials; perform chemical and radionuclide analyses using necessary quality control and quality assurance; report the results and archive sample remainders as required by the customer.
- Highly radioactive sample analysis.

Usage Based Services

Service	Service Type	Clarifications
Reconstitution of samples	Mandatory	Pertains to samples that have been previously sampled and archived.
Packaging	Mandatory	For onsite and offsite shipping of highly radioactive samples.
Post analysis sample storage	Optional	Sample generators will be charged an annual storage fee for samples that are retained in archive.
Sample disposition	Mandatory	Sample generators will be charged all disposition costs for excess sample materials.

Table J-3.b-96. Service Number 96, Sample Analytical Services

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
96	Sample Analytical Services	Service	Receive services	Receive services	Receive services	N/A	**Provide services to Site contractors**	N/A	Receive services, as applicable

Service Description

Provide sample analysis in support of Hanford Site Projects for other than highly radioactive samples.

- OHCs shall develop annual Service Level Agreements upon which service fees will be based.
- OHCS receiving sample analysis services are responsible for sample delivery.

Receive samples, prepare samples, record and track samples and related waste materials; perform chemical and radionuclide analyses using necessary quality control and quality assurance; report the results.

Provide disposal services for samples with final disposition documentation, except as otherwise agreed.

Direct Funded Services

Provides services as described in service description.

Usage Based Services

Service	Service Type	Clarifications
Sample screening, brokering, and management of samples sent offsite	Optional	For samples that are being shipped offsite. If not done through the 222-S Laboratory Contractor, the final analytical report must be added to the Integrated Document Management System, so there is a record of sampling.
Sample disposition	Optional	Sample generators will be charged all disposition costs for excess sample materials without a defined waste stream.

Table J-3.b-97, Service Number 97, Occupational Medical Services

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
97	Occupational Medical Services	Service	Receive service	Receive service	Receive service	N/A	Receive service	**Provides service to site contractors**	Receive service; N/A for PNNL

Service Description

The OccMed Contractor provides occupational health services through occupational health services and health risk management services including, but not limited to:

- Timely test and examinations;
- Occupational Health related evaluation and provide first aid services and emergency stabilization;
- Medical monitoring programs;
- Enhance worker health and wellness;
- Medical support for emergency preparedness planning, drills, and response to actual emergencies;
- Conduct epidemiological data gathering and health analyses;
- Conduct efforts to reduce incidence of work-related illnesses and injuries;
- Coordinate electronic data to the DOE Beryllium-associated Worker Registry;
- Employee Assistance Program;
- Industrial Hygiene support;
- Immunization, such as influenza and other applications as deemed by Site Office Medical Director;
- Provide ergonomic assessments and recommendations;
- Hearing testing and noise hazard assessment for hearing conservation; and
- OHCs and DOE Management shall notify OccMed when an employee has been absent because of a work-related illness or injury for five or more consecutive work days.

OccMed hours of operations are provided as follows: Monday through Friday, 6:00 a.m. to 4:30 p.m. Onsite (200 West Area) Clinic is staffed until midnight. Saturday: Offsite clinic is closed; onsite clinic is open 7:00 a.m. to 4:00 p.m. The OccMed Provider may elect different hours of operations in coordination with OHCs to support outside hours of operations.

Direct Funded Service

Provide services as described in service description.

Usage Based Services

Service	Service Type	Clarifications
N/A		

DOE Direct-Contracted Services

Table J-3.b-98. Service Number 98, Personnel Security Services

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
98	Personnel Security Services	Information/ Service	Receive service and provide input	Receive service and provide input	Receive service and provide input	N/A	Receive service and provide input	Receive service and provide input	**PSSC provides service** Receive service and provide input (N/A for PNNL)

Service Description

The Personnel Security Services Contractor (PSSC) provides technical and administrative support expertise for the implementation of the DOE Personnel Security Program, including clearance and special access processing, adjudication of investigative reports, HRPs, and other personnel security related programs. The PSSC also provides transcription services, screening and processing of classified mail, operation of the vault, visitor control and security education for both employees and visitors, and management of several personnel security-related databases.

Direct Funded Service

Personnel security services

Usage Based Services

Service	Service Type	Clarifications
N/A		

Table J-3.b-99. Service Number 99, Laundry Services

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
99	Laundry Services	Service	Receive service	Receive service	Receive service	Optional	Receive service	Receive service	**LSC provides services** Receive Service

Service Description

The Laundry Services Contractor (LSC) provides commercial laundry and decontamination services for government-owned regulated and non-regulated protective clothing, and respiratory masks and face pieces. This service includes periodic batch pick up and drop off at site locations.

Direct Funded Service

N/A

Usage Based Services

Service	Service Type	Clarifications
Laundry service	Optional	OHCs shall enable the successful and efficient processing and delivery of laundry and respirator face masks. This service is contracted and funded by DOE.

Table J-3.b-100. Service Number 100, Janitorial Services

Service Number	Service Title	Interface Type	HMESC	CPCC	TWCC	WTP Construction	222-S Lab	OccMed	Other Site Users
100	Janitorial Services	Service	Receive Service	Receive Service	N/A	N/A	N/A	N/A	**Receive service, JSC provides services to site contractors**

Service Description

The Janitorial Services Contractor (JSC) provides janitorial services for Buildings 661A, 662, 662A, 664, and 669 located in the 600 Area; Buildings 3212 and 3220 located in the 300 Area; and mobile offices as identified by DOE. Services include light cleaning, high cleaning, and special services, as needed.

Direct Funded Services

JSC provides janitorial services for the facilities described in Service Description.

Usage Based Services

Service	Service Type	Clarifications
N/A		