Attachment J-3.a

Hanford Site Services and Interface Requirements Matrix

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Introduction

Attachment J-3 provides two *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: Hanford Mission Essential Services Contract (89303320DEM000031), Central Plateau Cleanup Contract (89303320DEM000030), Occupational MedicalServices Contract (89303919DEM000005), Tank Operations Contract (DE-AC27-08RV14800), 222-S Laboratory (89303320CEM000075), and Waste Treatment Plant Construction Contract (DE-AC27-01RV14136).

Due to the sequencing of the new Hanford Site Contracts, 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.

The contractor shall utilize the J-3.a *Matrix* and transition to Attachment J-3.b *Matrix* at a future date (to be determined), dependent on timing for award of the ~~Tank Waste Cleanup~~Integrated Tank Disposition Contract (~~TWCC~~ITDC). The J-3.b *Matrix* shall be applicable to the new Hanford Site Contracts including the Hanford Mission Essential Services Contract (HMESC), ~~TWCC~~Integrated Tank Disposition Contract (ITDC), Hanford Occupational Medical Services (OccMed), Central Plateau Cleanup Contract (CPCC), and 222-S Laboratory Contract (222-S Lab).

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 Life-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	Integrated Analytical Planning	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
98	Sample Analytical Services	96	Sample Analytical Services
91	Occupational Medicine Services	97	Occupational Medicine Services
92	Personnel Security Services	98	Personnel Security Services
90	Laundry Services	99	Laundry Services
89	Janitorial Services	100	Janitorial Services
27	Hanford Environmental Oversight (HEO)	N/A	N/A
33	Reserved		
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	Reserved		
83	Tank Farm Projects Double Shell Tank (DST) System Management	N/A	N/A
85	**Discontinued. 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.a Matrix

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:

HMESC Hanford Mission Essential Services Contract

CPCC Central Plateau Cleanup Contract

TOC Tank Operations Contract

WTP Waste Treatment and Immobilization Plant Contract

Other Site Users Examples include: Occupational Medical Services Contractor (OccMed), 222-S Laboratory Contractor (222-S Lab), 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.

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

HMESC SERVICES AND INTERFACE ACTIVITIES									
HMESC General Requirements									
Interface Number	**Interface Title**	**Interface Type**	**Cost Type**	**Service Type**	**HMESC**	**CPCC**	**TOC**	**WTP**	**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 HMESC	Deliver input to HMESC	Deliver input to HMESC	Deliver input to HMESC

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.

- HMESC 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.
- HMESC 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

HMESC 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	HMESC	CPCC	TOC	WTP	Other Contracts
2	**Hanford Site Interface Management Plan**	Information	Direct-Funded	Interface	Receive input from site contractors	Deliver input to HMESC	Deliver input to HMESC	Deliver input to HMESC	Deliver input to HMESC

Scope/Cost Allocation

Service Description

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

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

Usage-Based Services

N/A

Direct-Funded Services

HMESC 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**	**HMESC**	**CPCC**	**TOC**	**WTP**	**Other Contracts**
3	**Protective Forces**	Information / Service	Direct-Funded	Mandatory	**Provide service to site contractors**	Receive service from and provide input to HMESC	Receive service from and provide input to HMESC	N/A	Receive service from and provide input to HMESC

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.

- HMESC 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 HMESC; 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	HMESC	CPCC	TOC	WTP	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 HMESC	Receive service from and provide input to HMESC	N/A	Receive service from and provide input to HMESC

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.

- HMESC shall provide Security Representatives for facilities or groups of facilities where there are important safeguards and security (SAS) assets.
- HMESC shall develop, or assist in the development of facility asset protection requirements and conduct annual reviews of Asset Protection Agreements.
- HMESC shall design security system upgrades for existing facilities with changing requirements and design security systems for new facilities.
- HMESC 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 HMESC 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 HMESC 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 HMESC; 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 HMESC 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	HMESC	CPCC	TOC	WTP	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 HMESC	Receive service from and provide input to HMESC	Optional	Receive service from and provide input to HMESC. 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.

- HMESC 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 HMESC in the development of or update of facility Asset Protection Agreements and implement those agreements.
- HMESC shall provide Technical and Engineering Security services as required for the design and/or turnover of new facilities.
- Consistent with Interface Number 88, TOC shall be responsible for coordinating, planning, and paying for the WTP contractor's requirements for infrastructure, utility, and service support from the HMESC and CPCC as identified in the J-3 Hanford Site Services and Interface Requirements Matrix except for Interface Numbers 5, "Physical Security Systems (Government Property)," and 64, "Radio Services for Emergency Services." WTP shall be responsible for coordinating, planning, and paying for usage-based services requested from Interface Numbers 5 and 64.

Usage-Based Services

WTP may request service as a usage-based service.

Direct-Funded Services

HMESC 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	HMESC	CPCC	TOC	WTP	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 HMESC	Receive service from and provide input to HMESC	N/A	Receive service from and provide input to HMESC (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.

- HMESC 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 HMESC OPSEC assessments; and support the annual review and update of the Critical Information List.

Usage-Based Services

N/A

Direct-Funded Services

HMESC 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	HMESC	CPCC	TOC	WTP	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 HMESC	Receive service from and provide input to HMESC	N/A	N/A; 222-S Lab – Receive service from and provide input to HMESC

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.

- HMESC 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.
- HMESC 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 HMESC.

Usage-Based Services

N/A

Direct-Funded Services

HMESC 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	HMESC	CPCC	TOC	WTP	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 HMESC	Receive service from and provide input to HMESC	N/A	N/A; 222-S Lab – Receive service from and provide input to HMESC

Scope/Cost Allocation

Service Description

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

- HMESC 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

HMESC 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	HMESC	CPCC	TOC	WTP	Other Contracts
9	**Personnel Security – Badging**	Service	Direct-Funded	Mandatory	**Provide service to site contractors**	Receive service from and provide input to HMESC	Receive service from and provide input to HMESC	Receive service from and provide input to HMESC	Receive service from and provide input to HMESC. 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.

- HMESC 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.
- HMESC 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 HMESC; participate in "STOP ACCESS" program; and obtain vehicle passes from HMESC.

Usage-Based Services

N/A

Direct-Funded Services

Funded through HMESC; 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	HMESC	CPCC	TOC	WTP	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 HMESC	Receive service from and provide input to HMESC	Receive service from and provide input to HMESC	Receive service from and provide input to HMESC, 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).
- HMESC 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 HMESC.

Usage-Based Services

N/A

Direct-Funded Services

HMESC 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	HMESC	CPCC	TOC	WTP	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 HMESC	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.

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

Usage-Based Services

N/A

Direct-Funded Services

HMESC 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	HMESC	CPCC	TOC	WTP	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 HMESC	Receive service from and provide input to HMESC	N/A	Receive service from and provide input to HMESC, 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.

- HMESC shall administer the WSAP and maintain the procedures for testing and databases.
- HMESC 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 HMESC procedure.

Usage-Based Services

N/A

Direct-Funded Services

HMESC 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	HMESC	CPCC	TOC	WTP	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 HMESC	Receive service from and provide input to HMESC	Receive service from and provide input to HMESC	Receive service from and provide input to HMESC (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.
- HMESC 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 HMESC of potential foreign visitor or assignment, and prepare and submit security plans to HMESC for processing of the visit/assignment.

Usage-Based Services

N/A

Direct-Funded Services

HMESC 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	HMESC	CPCC	TOC	WTP	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 HMESC	Receive service from and provide input to HMESC	Receive service from and provide input to HMESC	N/A; 222-S Lab – Receive service from and provide input to HMESC

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.

- HMESC 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.
- HMESC 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 HMESC centralized program.

Usage-Based Services

N/A

Direct-Funded Services

HMESC 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	HMESC	CPCC	TOC	WTP	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 HMESC	N/A	N/A	N/A

Scope/Cost Allocation

Service Description

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

- HMESC 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 HMESC 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

HMESC 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	HMESC	CPCC	TOC	WTP	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 HMESC	Receive service from and provide input to HMESC	Receive service from and provide input to HMESC	Receive service from and provide input to HMESC. 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.

- HMESC 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 HMESC.

Usage-Based Services

N/A

Direct-Funded Services

HMESC 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	HMESC	CPCC	TOC	WTP	Other Contracts
17	**SAS Program Management**	Information / Service	Direct-Funded	Mandatory	**Provide service to site contractors**	Receive service from and provide input to HMESC	Receive service from and provide input to HMESC	N/A	Receive service from and provide input to HMESC. 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.

- HMESC 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 HMESC 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

HMESC 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	HMESC	CPCC	TOC	WTP	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 HMESC	Receive service from and provide input to HMESC	Optional	Receive service from and provide input to HMESC (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.

- HMESC 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.
- HMESC shall maintain the employee training records for training provided by HMESC.
- HMESC 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 HMESC 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	HMESC	CPCC	TOC	WTP	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 HMESC	Receive service from and provide input to HMESC	Receive service from and provide input to HMESC	Receive service from and provide input to HMESC (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.

- HMESC shall provide 24/7 fire-related protection of human life, property, and facilities; and operates basic and advanced life support emergency medical services.
- HMESC 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 HMESC 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 HMESC will provide support for HFD participation in drills and exercises.

Usage-Based Services

N/A

Direct-Funded Services

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

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	HMESC	CPCC	TOC	WTP	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 HMESC	Receive service from and provide input to HMESC	Receive service from and provide input to HMESC (RFAR only)	Receive service from and provide input to HMESC. 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.

- HMESC 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 HMESC contractor in performance of this work scope (e.g., fire systems inspection, testing, etc.) consistent with the HMESC.

Usage-Based Services

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

Direct-Funded Services

HMESC 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	HMESC	CPCC	TOC	WTP	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 HMESC	Receive service from and provide input to HMESC	Receive service from and provide input to HMESC	Receive service from and provide input to HMESC

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.

HMESC 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

HMESC bears the cost burden of program administration. Hanford Site contractors/users bear internal implementation costs. HMESC 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	HMESC	CPCC	TOC	WTP	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 HMESC	Receive service from and provide input to HMESC	Receive service from and provide input to HMESC	Receive service from and provide input to HMESC

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.

- HMESC 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

HMESC 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	HMESC	CPCC	TOC	WTP	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 HMESC	Receive service from and provide input to HMESC	N/A	N/A; 222-S Lab – Receive service from and provide input to HMESC

Scope/Cost Allocation

Service Description

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

- HMESC shall obtain affected Hanford Site contractor approval and establish common safety processes on the Hanford Site as listed below.
- HMESC 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.
- HMESC, CPCC, 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 HMESC with the CPCC and TOC shall identify DOE opportunities to enhance and measure the Hanford safety culture.
- HMESC 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 HMESC.

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 HMESC responsible for obtaining data from other Hanford site contractors, compiling and submitting the required data.

Usage-Based Services

N/A

Direct-Funded Services

HMESC 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	HMESC	CPCC	TOC	WTP	Other Contracts
24	**Radiological Assistance (RAP)**	Information / Service	Direct-Funded	Mandatory	**Provide service**	Provide staff to HMESC	Provide staff to HMESC	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).

- HMESC 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.
- CPCC 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

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

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	HMESC	CPCC	TOC	WTP	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 CPCC**	Receive service from and provide input to HMESC. **Provide service to manage issuance of the Hanford Facility RCRA Renewal Permit (Rev. 9)**	Receive service from and provide input to HMESC and CPCC	Receive service from and provide input to HMESC and CPCC	Receive service from and provide input to HMESC and CPCC

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.

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

CPCC 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 HMESC.
- Provide appropriate and timely input to the HMESC and other designated Hanford Site contractors for regulatory required Site-wide environmental reports and metrics for their facilities and activities.
- Support HMESC in their Site-wide environmental regulatory management roles.

- Support CPCC in managing activities associated with RCRA renewal permit issuance (Rev. 9).
- Support CPCC 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 HMESC.
- Inform HMESC if any near-field monitor(s) are required as part of contractor's facility monitoring.

Usage-Based Services

N/A

Direct-Funded Services

HMESC bears the cost burden of program administration. CPCC 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	HMESC	CPCC	TOC	WTP	Other Contracts
26	**Seismic Monitoring Services**	Service	Direct-Funded	Mandatory	**Provide service to site contractors**	Receive service from and provide input to HMESC	Receive service from and provide input to HMESC	Receive service from and provide input to HMESC	Receive service from and provide input to HMESC

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.

- HMESC shall maintain seismic sensors and systems, monitor seismic activity and report seismic activities on the Hanford Site.
- HMESC 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	HMESC	CPCC	TOC	WTP	Other Contracts
27	**Hanford Environmental Oversight (HEO)**	Information	Direct-Funded	Interface	**Provide service to site contractors**	Deliver input to HMESC	Deliver input to HMESC	Deliver input to HMESC	Deliver input to HMESC

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.

- HMESC shall provide annual updates of the Hanford Site National Environmental Policy Act (NEPA) Characterization Report.
- Hanford Site contractors shall provide to HMESC 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

HMESC 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	HMESC	CPCC	TOC	WTP	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 HMESC	Receive service from and provide input to HMESC	Receive service from and provide input to HMESC	Receive service from and provide input to HMESC

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.

- HMESC 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.
- HMESC shall maintain and operate the Hanford Meteorological Monitoring system. HMESC may be requested to provide special-use information by Site contractors.

Usage-Based Services

Special-use information requested by Site contractors

Direct-Funded Services

HMESC 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	HMESC	CPCC	TOC	WTP	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 HMESC	Receive information from and provide input to HMESC	Receive information from and provide input to HMESC	Receive information from and provide input to HMESC 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.

- HMESC 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.
- HMESC 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 HMESC 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

HMESC 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	HMESC	CPCC	TOC	WTP	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 HMESC	Receive service from and provide input to HMESC	Receive service from and provide input to HMESC	Receive service from and provide input to HMESC 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.

HMESC 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 HMESC from their sampling activities such as CERCLA/RCRA risk assessments.

Usage-Based Services

Ecological reviews are a usage-based service.

Direct-Funded Services

HMESC 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	HMESC	CPCC	TOC	WTP	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 HMESC	Receive service from and provide input to HMESC	Receive service from and provide input to HMESC	Receive service from and provide input to HMESC 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.

- HMESC 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 HMESC necessary to perform NHPA Section 106 Reviews for their scope of work, and provide to HMESC information and materials to support HMESC 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 HMESC 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

HMESC 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	HMESC	CPCC	TOC	WTP	Other Contracts
32	**Radiological Site Services (RSS)**	Information / Service	Usage-Based	Mandatory	**Provide service to site contractors**	Receive service from HMESC	Receive service from HMESC	Receive service from HMESC	Receive service from HMESC

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).

HMESC 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, HMESC 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 HMESC.

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	HMESC	CPCC	TOC	WTP	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 HMESC	Receive service from and provide input to HMESC	Receive service from and provide input to HMESC	Receive service from and provide input to HMESC 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.

- HMESC 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 HMESC; provided at no cost to Hanford Site contractors.

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

Scope/Cost Allocation

Service Description

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

- HMESC shall provide management and administrative oversight for all requested facility activities, including planning and directing the work. HMESC 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.
- CPCC and other Site users shall request and provide requirements for service.
- TOC and 222-S Lab shall only receive Refrigerated Equipment Service, custodial service, and Movers Service from and provide input to HMESC.

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	HMESC	CPCC	TOC	WTP	Other Contracts
37	**Motor Carrier Services**	Service	Usage-Based	Mandatory	**Provide service to site contractors**	Receive service from HMESC	Receive service from HMESC	N/A	Receive service from and provide input to HMESC 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.

- HMESC 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 HMESC will remain in the HMESC 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 the Environmental Restoration Disposal Facility (ERDF) and the Integrated Disposal Facility (IDF) 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	HMESC	CPCC	TOC	WTP	Other Contracts
38	**Fleet Services**	Service	Usage-Based	Mandatory	**Provide service to site contractors**	Receive service from and provide input to HMESC	Receive service from and provide input to HMESC	N/A	Receive service from and provide input to HMESC 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.

- HMESC 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.
- HMESC 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 the Environmental Restoration Disposal Facility (ERDF) and the Integrated Disposal Facility (IDF) 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	HMESC	CPCC	TOC	WTP	Other Contracts
39	**Railroad Services**	Physical / Service	Usage-Based	Optional	**Coordinate service**	Request service from HMESC	Request service from HMESC	Request service from HMESC	Request service from HMESC

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.

- HMESC 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, HMESC shall maintain and operate the rail system on the Hanford Site.
- Hanford Site contractors shall request and provide requirements for service to the HMESC.

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	HMESC	CPCC	TOC	WTP	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 HMESC	Receive service from and provide input to HMESC	Receive service from and provide input to HMESC per ICD 12 - Roads	Receive service from and provide input to HMESC (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

- HMESC 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. HMESC 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	HMESC	CPCC	TOC	WTP	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 HMESC	Receive service from and provide input to HMESC	Receive service from and provide input to HMESC per ICD 11 - *Electricity*	Receive service from and provide input to HMESC

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.

- HMESC externally supplies electrical power to Hanford Site contractors.
- HMESC 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 HMESC 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 HMESC electrical distribution system and the Hanford Site contractors' facilities electrical system is routinely the connection at the secondary side of the building service transformer (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.

Usage-Based Services

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

Direct-Funded Services

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

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	HMESC	CPCC	TOC	WTP	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 HMESC	Receive service from and provide input to HMESC	Receive service from and provide input to HMESC per ICD 01 – Raw Water and ICD 02 – *Potable Water*	Receive service from and provide input to HMESC

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).

- HMESC 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.
- HMESC shall provide a "purveyor" (per the Washington Administrative Code and other state regulations) for HMESC -managed water systems.
- HMESC 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.
- HMESC 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 HMESC):
- Hanford Site contractors shall input to the Water System Master Plan and negotiate agreements for water utility service.

- CPCC shall identify priority water line upgrades which would prevent further ground water degradation; HMESC 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 CPCC.
- 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 HMESC, 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 HMESC; provided at no cost to site contractors.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	HMESC	CPCC	TOC	WTP	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 HMESC	Receive service from and provide input to HMESC	Optional	Receive service from and provide input to HMESC

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. HMESC 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.
- HMESC 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 CPCC.
- 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 HMESC; provided at no cost to Hanford Site contractors.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	HMESC	CPCC	TOC	WTP	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 HMESC	Receive service from and provide input to HMESC	Optional	Receive service from and provide input to HMESC (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. HMESC 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**	**HMESC**	**CPCC**	**TOC**	**WTP**	**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 HMESC and provide input	Request service from HMESC and provide input	Request service from HMESC and provide input per ICD 09 – Land for Siting	Receive service from and provide input to HMESC, 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]).

- HMESC shall perform management of real property at the Hanford Site for DOE and coordinate the use of real property among Hanford Site contractors. HMESC 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.
- HMESC shall implement the CLUP as directed or interpreted by DOE. HMESC 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 HMESC shall develop new plans and update existing plans where applicable.
- HMESC shall administer and manage the Site Selection and Excavation Permit process.
- HMESC shall monitor and assess the use of real property to assure compliance with restrictions, such as institutional controls.
- HMESC 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 HMESC, including providing input to the Ten Year Site Plan (TYSP).

- HMESC 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

HMESC 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	HMESC	CPCC	TOC	WTP	Other Contracts
46	**Long-term Stewardship**	Information/ Service	Direct-Funded	Interface	**Provide service and receive input from Site contractors**	Deliver input to HMESC	Deliver input to HMESC	Deliver input to HMESC per ICD 09 – Land for Siting	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 HMESC by preparing an LTS Transition and Turnover Package (TTP) in accordance with the approved TTP template.
- HMESC shall provide for integrated planning of LTS for the entirety of the Hanford Site.
- HMESC shall prepare and maintain the Hanford Long-Term Stewardship Program Plan and Long-Term Surveillance and Maintenance Plans.
- HMESC 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.
- HMESC shall execute LTS for those portions of the Site assigned to the HMESC.
- 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 HMESC.

- Hanford Site contractors shall coordinate with the HMESC 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

HMESC bears the cost burden of program administration. Cost for sites transferred (post-remediated) to HMESC are the responsibility of the HMESC. 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	HMESC	CPCC	TOC	WTP	Other Contracts
47	**Facility Information Management System (FIMS)**	Information	Direct-Funded	Interface	Receive input from Site contractors	Deliver input to HMESC	Deliver input to HMESC	Deliver input to HMESC	Deliver input to HMESC, 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.

- HMESC 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

HMESC 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	HMESC	CPCC	TOC	WTP	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 HMESC	Deliver input to HMESC	Deliver input to HMESC per ICD 09 – Land for Siting	Deliver input to HMESC

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.

- HMESC 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.
- HMESC 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 HMESC, 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

HMESC 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	HMESC	CPCC	TOC	WTP	Other Contracts
49	**Condition Assessment Surveys (CAS)**	Information	Direct-Funded	Interface	Receive input from Site contractors	Deliver input to HMESC	Deliver input to HMESC	Deliver input to HMESC	Deliver input to HMESC

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.
- HMESC 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.
- HMESC shall coordinate all of the necessary inspection activities with the various site contractors that have eligible facilities for CAS inspections.
- HMESC shall make the CAS data available to the mission contractors.
- Hanford Site contractors shall enable access to HMESC for conducting on-site condition assessments.

Usage-Based Services

N/A

Direct-Funded Services

HMESC 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	HMESC	CPCC	TOC	WTP	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 HMESC	Receive service from and provide input to HMESC	Receive service from and provide input to HMESC	Receive service from and provide input to HMESC, 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.

- HMESC 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 HMESC 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 HMESC 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

HMESC 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	HMESC	CPCC	TOC	WTP	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 HMESC	Receive service from and provide input to HMESC	Optional	Receive service from and provide input to HMESC, 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.

- HMESC 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.
- HMESC shall manage the (on-site) "stores" inventory warehouses. As required, the HMESC shall provide for delivery of inventory items to on-Site locations managed by other contractors. HMESC 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 HMESC 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

HMESC 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	HMESC	CPCC	TOC	WTP	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	PNNL and 222-S Lab - Sponsor and deliver input to Pension and Savings Committee

Scope/Cost Allocation

Service Description

- HMESC 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 HMESC.

Usage-Based Services

N/A

Direct-Funded Services

HMESC 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	HMESC	CPCC	TOC	WTP	Other Contracts
53	**External Affairs**	Information / Service	Direct-Funded	Interface	**Provide service and receive support from Site contractors**	Support HMESC	Support HMESC	Support HMESC	Support HMESC 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.

- HMESC 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.
- HMESC 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 HMESC when their facilities or waste sites are visited, to include guides/speakers, and handouts, when the tour involves respective Hanford Site contractor workscope.
- HMESC shall support DOE's management of the Hanford web site.

Usage-Based Services

N/A

Direct-Funded Services

HMESC 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	HMESC	CPCC	TOC	WTP	Other Contracts
54	**External Reviews**	Information	Direct-Funded	Interface	Receive support from Site contractors	Support HMESC	Support HMESC	Support HMESC	Support HMESC 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 HMESC 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 HMESC, as directed by DOE, in their External Reviews responsibilities.

Usage-Based Services

N/A

Direct-Funded Services

HMESC 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	HMESC	CPCC	TOC	WTP	Other Contracts
55	**Courier Services**	Service	Usage-Based	Optional	**Provide service to site contractors**	Receive service from HMESC	Receive service from HMESC	Receive service from HMESC	Receive service from HMESC, 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.

- HMESC 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	HMESC	CPCC	TOC	WTP	Other Contracts
56	**Reproduction Services**	Service	Usage-Based	Service - Large Volume: Mandatory. Convenience Copiers: Optional	**Provide service to site contractors**	Receive service from HMESC	Receive service from HMESC	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.

- HMESC 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 HMESC and for costs incurred to utilize equipment provided through the HMESC 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	HMESC	CPCC	TOC	WTP	Other Contracts
57	**Multi-media Services**	Service	Usage-Based	Optional Standards: Mandatory	**Provide service to site contractors**	Receive service from HMESC	Receive service from HMESC	Receive service from HMESC	Receive service from HMESC, 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.

HMESC 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.

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

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	HMESC	CPCC	TOC	WTP	Other Contracts
58	**Mail Services**	Service	Direct-Funded	Mandatory	**Provide service to site contractors**	Receive service from HMESC	Receive service from HMESC	N/A	Receive service from HMESC, 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.

- HMESC 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).
- HMESC 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	HMESC	CPCC	TOC	WTP	Other Contracts
59	**Site Forms Management**	Service	Direct-Funded	Optional	**Provide service to site contractors**	Receive service from HMESC	Receive service from HMESC	N/A	Receive service from HMESC (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.

- HMESC shall administer the Hanford Site forms management system and process, and design electronic forms for interactive use, as well as, conventional hard copy forms. HMESC 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**	**HMESC**	**CPCC**	**TOC**	**WTP**	**Other Contracts**
60	**Strategic Planning & Program Management**	Information	Direct-Funded	Mandatory	**Provide service to site contractors**	Receive service from HMESC	Receive service from HMESC	Optional	Receive service from HMESC, 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.

- HMESC shall develop a Computing and Telecommunications Strategic Plan.
- CPCC, TOC, and 222-S Lab shall provide input to the Computing, Telecommunications, and Content (Records) Management Strategic Plan.

Usage-Based Services

N/A

Direct-Funded Services

HMESC 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	HMESC	CPCC	TOC	WTP	Other Contracts
61	**Telephone Services**	Service	Usage-Based	Mandatory	**Provide service to site contractors**	Receive service from HMESC	Receive service from HMESC	Optional	Receive service from HMESC, 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.

- 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.
- 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	HMESC	CPCC	TOC	WTP	Other Contracts
62	**Pager Services**	Service	Usage-Based	Optional, except Emergency Response, which is Mandatory	**Provide service to site contractors**	Receive service from HMESC	Receive service from HMESC	N/A	Receive service from HMESC, as applicable

Scope/Cost Allocation

Service Description

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

- HMESC 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.
- HMESC 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	HMESC	CPCC	TOC	WTP	Other Contracts
63	**Radio Services for Crafts**	Service	Usage-Based	Optional	**Provide service to site contractors**	Receive service from HMESC	Receive service from HMESC	N/A	Receive service from HMESC, as applicable

Scope/Cost Allocation

Service Description

Radio Services for Crafts provides radio communication infrastructure and licensing.

- HMESC shall provide engineering, maintenance and operations of non-emergency radio communication services, including associated infrastructure.
- HMESC 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	HMESC	CPCC	TOC	WTP	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 HMESC	Receive service from HMESC	Optional	Receive service from HMESC, as applicable; 222-S Lab – Receive service from HMESC

Scope/Cost Allocation

Service Description

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

- HMESC shall provide engineering, maintenance and operations of radio communication services, including two-way, fire dispatch, safety and emergency preparedness, security systems and infrastructure.
- HMESC 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 HMESC for radio spectrum licensing; and
  - Request and provide requirements for service.
- Consistent with Interface Number 88, TOC shall be responsible for coordinating, planning, and paying for the WTP contractor's requirements for infrastructure, utility, and service support from the HMESC and CPCC as identified in the J-3 Hanford Site Services and Interface Requirements Matrix except for Interface Numbers 5, "Physical Security Systems (Government Property)," and 64, "Radio Services for Emergency Services." WTP shall be responsible for coordinating, planning, and paying for usage-based services requested from Interface Numbers 5 and 64.

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	HMESC	CPCC	TOC	WTP	Other Contracts
65	**Network Services**	Service	Usage-Based	Mandatory	**Provide service to site contractors**	Receive service from HMESC	Receive service from HMESC	Optional	Optional, except DOE; 222-S Lab – Receive service from HMESC

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.

- HMESC 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 HMESC 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	HMESC	CPCC	TOC	WTP	Other Contracts
66	**Information Systems**	Service	Combination of Usage-Based and Direct-Funded	Mandatory	**Provide service to site contractors**	Receive service from HMESC	Receive service from HMESC	Optional	Optional except DOE; 222-S Lab – Receive service from HMESC

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.

- HMESC 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	HMESC	CPCC	TOC	WTP	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 HMESC	Deliver input to HMESC	Optional	Deliver input to HMESC, 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 HMESC 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.

- HMESC 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	HMESC	CPCC	TOC	WTP	Other Contracts
68	**Major Collection Management**	Service	Combination of Usage-Based and Direct-Funded	Mandatory	**Receive input from Site contractors**	Deliver input to HMESC	Deliver input to HMESC	Deliver input to HMESC (Optional)	Deliver input to HMESC, 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.

- HMESC 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 HMESC.

Usage-Based Services

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

Direct-Funded Services

HMESC 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	HMESC	CPCC	TOC	WTP	Other Contracts
69	**Long-Term Records Storage**	Service	Direct-Funded	Mandatory	**Provide service to site contractors**	Receive service from and provide input to HMESC	Receive service from and provide input to HMESC	N/A	Receive service from and provide input to HMESC

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.).

- HMESC 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 HMESC 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**	**HMESC**	**CPCC**	**TOC**	**WTP**	**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 HMESC	Deliver input to HMESC	Deliver input to HMESC	Deliver input to HMESC, 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.

- HMESC shall perform Hanford Site portfolio integration, provide simulation and optimizing analysis tools, and coordinate and assist with integrated scheduling and performance evaluation.
- HMESC 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 HMESC as necessary to complete the Hanford Portfolio Planning, Analysis & Performance Assessment activities.

Usage-Based Services

N/A

Direct-Funded Services

HMESC 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	HMESC	CPCC	TOC	WTP	Other Contracts
71	**Project Acquisition and Support**	Information	Direct-Funded	Interface	**Receive Critical Decision data and information from CPCC and TOC**	Deliver data and info. to HMESC	Deliver data and info. to HMESC	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, HMESC 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 HMESC as directed by DOE.

Usage-Based Services

N/A

Direct-Funded Services

HMESC 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	HMESC	CPCC	TOC	WTP	Other Contracts
72	**Independent Assessment and Analysis**	Information	Direct-Funded	Interface	**Receive input from Site contractors**	Deliver input to HMESC	Deliver input to HMESC	Deliver input to HMESC	Deliver input to HMESC, 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, HMESC 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 HMESC as required by the Independent Assessment and Analysis activity.

Usage-Based Services

N/A

Direct-Funded Services

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

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CPCC SERVICES AND INTERFACE ACTIVITIES									
Solid and Liquid Waste Stabilization and Disposition									
Interface Number	**Interface Title**	**Interface Type**	**Cost Type**	**Service Type**	**HMESC**	**CPCC**	**TOC**	**WTP**	**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 CPCC	**Receive data from Site contractors**	Provide data to CPCC	Provide data to TOC	Provide data to CPCC, 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.

- CPCC 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

CPCC 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	HMESC	CPCC	TOC	WTP	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 CPCC	Provide waste to TOC	Package and deliver to CPCC, except DOE

Scope/Cost Allocation

Service Description

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

- CPCC 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.
- TOC pays WTP waste disposal costs.

Direct-Funded Services

CPCC 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)	HMESC	CPCC	TOC	WTP	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 CPCC	N/A	Except DOE, package and deliver TRU to CPCC.

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).

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

Usage-Based Services

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

Direct-Funded Services

CPCC 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	HMESC	CPCC	TOC	WTP	Other Contracts
76	**Industrial and Radioactive Liquid Effluents Treatment and Disposal and Industrial Liquid Effluents Retention and Transfer**	Physical	Direct-Funded	Mandatory	Deliver to TOC	Deliver to TOC	Provide services to Site Contractors	Deliver to TOC	Deliver to TOC

Scope/Cost Allocation

Service Description

This activity provides for treatment and disposal of industrial and radioactive liquid effluents.

- 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.
- Waste streams must comply with waste acceptance criteria and be within operational and radiological capacities.
- Waste streams that do not meet the waste acceptance criteria or operational/radiological capacities, and would require permit modifications, delisting activities, and/or facility modifications for acceptance, require DOE-ORP approval.

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	HMESC	CPCC	TOC	WTP	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 CPCC	Provide filled IHLW canisters for TOC transport	N/A

Scope/Cost Allocation

Service Description

This activity provides for storage of IHLW.

- CPCC shall operate and maintain the Canister Storage Building.
- TOC and CPCC 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

CPCC funds ready to serve operations of the CSB.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	HMESC	CPCC	TOC	WTP	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 CPCC	Deliver to TOC	N/A

Scope/Cost Allocation

Service Description

This activity provides for disposal of ILAW.

- CPCC 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 CPCC for the increment of work resulting from their waste.

Direct-Funded Services

CPCC provides ready-to-serve capability.

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

- CPCC shall conduct the groundwater/vadose zone integration project.
- Hanford Site contractors shall participate in CPCC 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 CPCC on self-performed drill and sample soil borings that yield additional vadose zone characterization data.

Usage-Based Services

N/A

Direct-Funded Services

CPCC 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	HMESC	CPCC	TOC	WTP	Other Contracts
80	**Hanford Environmental Data Integration**	Information Service	Direct-Funded	Mandatory and Interface	N/A	**Receive from TOC and other site contractors**	Deliver input to CPCC	N/A	Deliver input to CPCC, except DOE

Scope/Cost Allocation

Service Description

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

The CPCC 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 CPCC, 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

CPCC 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	HMESC	CPCC	TOC	WTP	Other Contracts
81	**Hanford Site Well Drilling and Decommissioning**	Information	Direct-Funded	Interface	Coordinate with CPCC	Coordinate with TOC, HMESC, and other Site contractors	Coordinate with CPCC	N/A	Coordinate with CPCC

Scope/Cost Allocation

Service Description

This activity includes drilling and decommissioning of Hanford Site wells.

- CPCC 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

CPCC 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**	**HMESC**	**CPCC**	**TOC**	**WTP**	**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

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	HMESC	CPCC	TOC	WTP	Other Contracts
84	**Vent and Balance**	Service	Usage-Based	Mandatory	Receive service from TOC	Receive service from TOC	**Provide service to CPCC, 222-S Lab, and HMESC**	Optional	N/A; 222-S Lab – Receive service from TOC

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.
- CPCC, HMESC, and 222-S Lab 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	HMESC	CPCC	TOC	WTP	Other Contracts
85	****Discontinued**** **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 LA&TS receives service from TOC

Scope/Cost Allocation

****All services discontinued as of April 15, 2021.**

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	HMESC	CPCC	TOC	WTP	Other Contractors
86	**Integrated Analytical Planning**	Information	Direct-Funded	Interface	Provide data to 222-S Lab	Provide data to 222-S Lab	Provide data to 222-S Lab	Provide data to 222-S Lab	N/A; 222-S Lab – Provide service and receive data

Scope/Cost Allocation

Service Description

Analytical Integrated Planning provides integrated Site-wide analysis plans, data quality objectives, and process and analytical technology support to resolve chemistry, radiochemistry, and material science concerns.

- Interface with the OHCs to develop sample analysis rates, waste generation estimates, and plan and schedule analytical services to meet negotiated customers priorities.
- OHCs shall use integrated planning products to plan sample analysis expenditures.
- OHCs shall provide input to support sample analysis planning.
- Hanford Site contractors/users bear internal implementation costs.

Usage-Based Services

N/A

Direct-Funded Services

- Administer Analytical Integrated Planning Program.
- 222-S Laboratory Integration.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	HMESC	CPCC	TOC	WTP	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

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**	**HMESC**	**CPCC**	**TOC**	**WTP**	**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 (except as noted below)	Receive service from and provide input to TOC	N/A

Scope/Cost Allocation

Service Description

WTP interface provides support for WTP construction.

- HMESC, CPCC, 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 HMESC and CPCC as identified in the J-3 Hanford Site Services and Interface Requirements Matrix except for Interface Numbers 5, "Physical Security Systems (Government Property)," and 64, "Radio Services for Emergency Services." WTP shall be responsible for coordinating, planning, and paying for usage-based services requested from Interface Numbers 5 and 64.
- 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**	**HMESC**	**CPCC**	**TOC**	**WTP**	**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

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	HMESC	CPCC	TOC	WTP	Other Contracts
90	**Laundry Service**	Service	Fee for service.	Optional	Receive service	Receive service	Receive service	Optional	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	HMESC	CPCC	TOC	WTP	Other Contracts
91	**Occupational Medicine Service**	Service	Fee for Service	Mandatory	Receive service	Receive service	Receive service	N/A	Optional service; OccMed – Provides service to site contractors

Scope/Cost Allocation

Service Description

The Occupational Medical Services Contractor (OccMed), under a separate prime contract to DOE-RL, provides Occupational Medical Services through health risk management and Occupational Medical 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	HMESC	CPCC	TOC	WTP	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 (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	HMESC	CPCC	TOC	WTP	Other Contracts
93	**Research, development, and demonstration**	Service	Usage-Based	Optional	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	HMESC	CPCC	TOC	WTP	Other Contracts
94	**Sample Analysis *(highly radioactive)***	Service	Fee for Service	Mandatory	N/A	Receive services from 222-S Lab	Receive services from 222-S Lab	N/A	N/A; 222-S Lab - Provide services to TOC and CPCC

Scope/Cost Allocation

Service Description

Provide highly radioactive sample analysis in support of Hanford Site Projects.

- Archive sample remainders at the request of the customer, maintain sample archive, documentation, tracking, and provide customers annual archive inventories.
- 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.
- OHCs shall provide sample archive requests and final disposition scheduling for each archived sample.
- Hanford Site contractors/users bear internal implementation costs.

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 from the 222-S Lab.
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.

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.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	HMESC	CPCC	TOC	WTP	Other Contracts
95	**Steam Services**	Service	Direct-Funded	Mandatory	Receive service	Receive service	Receive service	N/A	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

TOC "advance" pay from its DOE funding allocations. HMESC & CPCC 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	HMESC	CPCC	TOC	WTP	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 CPCC	Receive from Site contractors	Deliver to CPCC	Deliver to CPCC	Optional

Scope/Cost Allocation

Service Description

CPCC 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

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	HMESC	CPCC	TOC	WTP	Other Contracts
97	**Hanford Sitewide Transportation Safety Document**	Information / Service	Direct-Funded	Mandatory	Receive service from and provide input to CPCC	**Provide service to site contractors**	Receive service from and provide input to CPCC	N/A	PNNL and 222-S Lab - Receive service from and provide input to CPCC

Scope/Cost Allocation

Service Description

CPCC 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 CPCC period of performance.

- CPCC 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.
- 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.
- 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

CPCC 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	HMESC	CPCC	TOC	WTP	Other Contracts
98	Sample Analytical Services	Service	Fee for Service	Optional	N/A	Receive services from 222-S Lab	Receive services from 222-S Lab	N/A	**222-S Lab provide services to TOC and CPCC**

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.
- Hanford Site contractors/users bear internal implementation costs.

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.

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.

Direct Funded Services

Provides services as described in service description.

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