

ATTACHMENT J-3

HANFORD SITE SERVICES AND INTERFACE REQUIREMENTS MATRIX

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

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

OccMed	Occupational Medicine Contract(or)
MSC	Mission Support Contract(or)
PRC	Plateau Remediation Contract(or)
TOC	Tank Operations Contract(or)
WTP	Waste Treatment and Immobilization Plant (contractor)
RCCC	River Corridor Closure Contract(or)

Other Site Users: Examples include: Analytical Services Production Contractor (ASPC), Del Sol, Johnson Controls, Pacific Northwest National Laboratory (PNNL) [activities located on the Hanford Site], Metal Benders, Tri-City & Olympia Rail, Unitech Services Group, Westech, DOE, etc.

Types of Interfaces –

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

HANFORD SERVICES AND INTERFACE ACTIVITIES										
MSA General Requirements										
Type of Interface	Activity (Interface)	OccMed	MSC	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I	Infrastructure and Services Alignment Plan (ISAP), and the Annual Forecast of Services and Infrastructure (including the <i>Hanford Site Services and Interface Requirements Matrix</i>)	Deliver input to MSC	Receive input from Site contractors	Deliver input to MSC		MSC bears the cost burden of program administration; Hanford Site contractors/users bear internal implementation costs				
			<p>ISAP is the strategic plan for right-sizing the infrastructure to support the future Hanford Site mission and the <i>Annual Forecast of Services and Infrastructure</i> is a projection of needed utilities, services, and infrastructure from other Hanford Site contractors.</p> <ul style="list-style-type: none"> MSC shall develop, maintain and update an ISAP and the <i>Annual Forecast of Services and Infrastructure</i>, which includes the costs for services. Proposed changes in service providers shall include a justification, and a plan forward, MSC shall solicit input from Hanford Site contractors/users for the ISAP and the <i>Annual Forecast of Services and Infrastructure</i>, 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 							
I	Hanford Site Interface Management Plan	Deliver input to MSC	Receive input from Site contractors	Deliver input to MSC		MSC bears the cost burden of program administration; Hanford Site contractors bear internal implementation costs				

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			<p><i>Hanford Site Interface Management Plan</i> is the controlling agreements that ensure effective control of technical, administrative, and regulatory interfaces.</p> <ul style="list-style-type: none"> MSC shall develop and maintain the <i>Hanford Site Interface Management Plan</i> MSC shall collaborate with the Hanford Site contractors/users on the <i>Hanford Site Interface Management Plan</i>. PRC, TOC, and MSC shall sign the <i>Hanford Site Interface Management Plan</i>. 							
Safety, Security and Environment										
Type of Interface	Activity (Service - Mandatory)	OccMed	MSC (Service Provider)	PRC	TOC	WTP	RCCC	Other Site Users	Requirements	Cost Allocations
I/S	Protective Forces	Receive service from and provide input to MSC	Provide service to Site contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	N/A	Receive service from and provide input to MSC	Receive service from and provide input to MSC (Optional for PNNL off Hanford Site)	Atomic Energy Act of 1954, as amended CRD M 470.4-1, <i>Safeguards & Security Program Planning and Management</i> CRD M 470.4-3, <i>Protective Force</i>	Funded through MSC; provided at no cost to Hanford Site contractors.
			<p>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.</p> <ul style="list-style-type: none"> MSC shall provide Protective Force operations. Hanford Site contractors shall provide facility, operational, and system configuration changes that may affect Protective Force operations. 							

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I/S	Physical Security (PSS) Systems (<i>Nuclear Material, Special Nuclear Material, and Classified Matter</i>)	Receive service from and provide input to MSC	Provide service to Site contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	N/A	Receive service from and provide input to MSC	Receive service from and provide input to MSC (Optional for PNNL for property & materials off Hanford Site)	Atomic Energy Act of 1954, as amended CRD M 470.4-2, <i>Physical Protection</i> CRD O 470.3A, <i>Design Basis Threat Policy</i>	Funded through MSC; provided at no cost to Hanford Site contractors with the exception of physical security upgrades within the facility – these may be shared costs between the MSC and the Hanford Site contractor that has responsibility for the facility.
		<p>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.</p> <ul style="list-style-type: none"> • MSC shall provide Security Representatives for facilities or groups of facilities where there are important safeguards and security (SAS) assets. • MSC shall develop, or assist in the development of facility asset protection requirements and conduct annual reviews of Asset Protection Agreements. • MSC shall design security system upgrades for existing facilities with changing requirements and design security systems for new facilities. • MSC shall provide locksmith support for installation, replacement, and maintenance of locks, keys, and access control systems for the protections of Government property and nuclear materials, including special nuclear materials, classified matter, etc. • Hanford Site contractors shall provide the MSC information about SAS arrangements and/or changes prior to new operations commencing, or changing operations or configurations that might alter the performance of existing SAS systems; support the MSC in the development of or update of facility <i>Asset Protection Agreements</i>, and requesting locksmith services. 								

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I/S	Physical Security Systems (<i>Government Property</i>)	Receive service from and provide input to MSC	Provide service to Site contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	N/A	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Atomic Energy Act of 1954, as amended CRD M 470.4-2, <i>Physical Protection</i> CRD O 470.3A, <i>Design Basis Threat Policy</i>	MSC bears the cost burden of program administration; Hanford Site contractors bear costs of physical security upgrades. If used by PNNL off Hanford Site, they pay full-cost.
		<p>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 <i>Asset Protection Agreements</i>.</p> <ul style="list-style-type: none"> MSC shall develop, or assist in the development of facility asset protection requirements and conduct annual reviews of <i>Asset Protection Agreements</i>. Hanford Site contractors shall support the MSC in the development of or update of facility <i>Asset Protection Agreements</i> and implement those agreements. 								
I/S	Information Security - (<i>Operations Security (OPSEC)</i>)	Receive service from and provide input to MSC	Provide service to Site contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	N/A	Receive service from and provide input to MSC	Receive service from and provide input to MSC (only DOE)	Atomic Energy Act of 1954, as amended CRD M 470.4-4, <i>Information Security</i>	MSC bears the cost burden of program administration; Hanford Site contractors bear internal implementation costs

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			<p>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.</p> <ul style="list-style-type: none"> MSC shall implement a Hanford Site-wide program; assure conformity of implementation with OPSEC standards and requirements; conduct assessment(s) of all Hanford Site facilities having Category I special nuclear material (SNM) (or credible roll-up to Category I SNM); conduct reviews of all Hanford Site facilities that have the potential to process or store classified or sensitive information; and conduct the <i>Annual Site OPSEC Threat Assessment</i> and prepare the annual <i>OPSEC Plan</i>. Hanford Site contractors shall implement their internal OPSEC responsibilities, participate and support Hanford Site-wide OPSEC Working and Awareness groups; provide support to the MSC OPSEC assessments; and support the <i>Annual Site OPSEC Threat Assessment</i> and preparation of the annual <i>OPSEC Plan</i>. 							
I/S	Information Security - Classified Matter Protection and Control (CMPC); Classification, Declassification and UCNI Program	N/A	Provide service to Site contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	N/A	Receive service from and provide input to MSC	N/A	Atomic Energy Act of 1954, as amended CRD M 470.4-4, <i>Information Security</i>	MSC bears the burden of program administration; Hanford Site contractors bear internal implementation costs
			<p>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.</p> <ul style="list-style-type: none"> MSC shall provide a centralized CMPC, Classification, Declassification and Unclassified Controlled Nuclear Information (UCNI) Program that includes operation and management of the Classified Document Control Center and management of classified information in the records holding area. Hanford Site contractors shall be responsible for maintaining an updated list of security containers, locations and custodians; support investigation of any incidents of potential or actual compromise of classified; and nominate a sufficient number of Derivative Classifiers and Reviewing Officials who shall be trained and approved by the MSC. 							

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I/S	Information Security - Official Use Only (OUO)	Receive service from and provide input to MSC	Provide service to Site contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	N/A	Receive service from and provide input to MSC	N/A	Atomic Energy Act of 1954, as amended CRD O 471.3, <i>Identifying & Protecting Official Use Only Information</i> CRD M 471.3-1, <i>Manual for Identifying & Protecting Official Use Only Information</i>	MSC bears the cost burden of program administration; Hanford Site contractors bear internal implementation costs
		<p>The OUO Program establishes controls to protect sensitive unclassified information as OUO.</p> <ul style="list-style-type: none"> MSC shall manage, integrate, and oversee implementation of a common Hanford Site-wide OUO program to ensure conformity of implementation by performing Hanford Site contractors and coordination of OUO education and awareness. Hanford Site contractors shall manage and implement an OUO information program consistent with the common Hanford Site-wide OUO information program. 								
S	Personnel Security – Badging	Receive service from and provide input to MSC	Provide service to Site contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC. N/A for PNNL	Atomic Energy Act of 1954, as amended CRD M 470.4-2, <i>Physical Protection</i>	Funded through MSC; provided at no cost to Hanford Site contractors
		<p>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.</p> <ul style="list-style-type: none"> MSC shall provide badging service for the Hanford Site, which includes manufacture, issuance, destruction, control, and accountability for DOE Standard, Hanford Specific, Temporary, and Personal Identify Verification (if applicable) badges. MSC shall coordinate and initiate “STOP ACCESS” procedures, and control and issue private vehicle passes for Property Protection Areas. Hanford Site contractors shall obtain badging service from MSC; participate in “STOP ACCESS” program; and obtain vehicle passes from MSC. 								

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S	Personnel Security – Access Authorization (Security Clearance) Processing Program	Receive service from and provide input to MSC	Provide service to Site contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	N/A	CRD M 470.4-5, <i>Personnel Security</i>	MSC bears the cost burden of program administration; Hanford Site contractors bear internal implementation costs
		<p>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).</p> <ul style="list-style-type: none"> MSC shall process all security clearances in support of Hanford Site contractors. These activities include requesting, obtaining, maintaining, downgrading and terminating security clearances, including "Special Access" privileges (e.g., SIGMA). The clearance processing program shall include reviews of each requested clearance action to ensure adequate justification exists and that reporting requirements are met. Hanford Site contractors shall request and obtain personnel security clearances, including "Special Access" from the MSC. 								
I/S	Personnel Security – Human Reliability Program (HRP)	N/A	Provide service to Site contractors	Receive service from and provide input to MSC	N/A	N/A	N/A	N/A	10 CFR 712, <i>Human Reliability Program</i>	MSC bears the cost burden of program administration; Hanford Site contractors bear internal implementation costs
		<p>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.</p> <ul style="list-style-type: none"> MSC shall coordinate and track all Hanford Site drug and alcohol testing; MSC shall notify the PRC of drug and alcohol testing results. MSC shall administer the HRP program, including initial and refresher training. PRC shall identify HRP positions, submit requests to MSC for enrollment in the Hanford Site HRP, and execute their portion of the HRP consistent with the Hanford Site HRP, as administered by the MSC. 								

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I/S	Personnel Security – Workplace Substance Abuse Programs (WSAP)	N/A	Provide service to Site contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	N/A	Receive service from and provide input to MSC	N/A	10 CFR 707, <i>Workplace Substance Abuse Programs at DOE Sites</i>	MSC bears the cost burden of program administration; Hanford Site contractors bear internal implementation costs
		<p>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.</p> <ul style="list-style-type: none"> • MSC shall administer the WSAP and set-up the procedures for testing. • MSC shall notify the respective Hanford Site contractor of drug and alcohol testing results. • Hanford Site contractors shall identify individuals in testing-designated positions and execute the program per the MSC procedure. 								
I/S	Personnel Security – Foreign National Visits and Assignments (FNVA)	Receive service from and provide input to MSC	Provide service to Site contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC (except PNNL)	CRD O 142.3, <i>Unclassified Foreign Visits & Assignments</i> CRD O 142.1, <i>Classified Visits Involving Foreign Nationals</i>	MSC bears the cost burden of program administration; Hanford Site contractors bear internal implementation costs
		<p>FNVA pertains to unclassified (and potentially classified) foreign national access to the DOE Hanford Site for information and technologies.</p> <ul style="list-style-type: none"> • MSC shall approve security plans for foreign visitors to Hanford Security areas and coordinate all FNVA requests. • Hanford Site contractors shall notify the MSC of potential foreign visitor or assignment, and prepare and submit security plans to MSC for approval of the visit/assignment. 								

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I/S	Cyber Security – (Classified and Unclassified Cyber Security)	Receive service from and provide input to MSC	Provide service to Site contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	N/A	Receive service from and provide input to MSC	N/A		MSC bears the cost burden of program administration; Hanford Site contractors bear internal implementation costs
		<p>Classified/Unclassified Cyber Security Program identifies and protects classified, unclassified and sensitive information generated, processed and stored for the Hanford Site.</p> <ul style="list-style-type: none"> MSC shall provide a Hanford Site Classified Information Systems Security Officer; develop a Hanford Master Classified Information Systems Security Plan; ensure that all classified systems are certified and accredited; and implement the classified cyber security training program. MSC shall implement a centralized Hanford unclassified computer security program. Hanford Site contractors shall manage and execute classified and unclassified cyber security responsibilities consistent with DOE requirements and the MSC centralized program. 								
I/S	Nuclear Material Controls and Accountability (MC&A)	N/A	Provide service to Site contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	N/A	Receive service from and provide input to MSC	N/A, except for PNNL. [PNNL currently has custodianship of EM materials for RL]	Atomic Energy Act of 1954, as amended CRD M 470.4-6, <i>Nuclear Material Control and Accountability</i>	MSC bears the burden of program administration; Hanford Site contractors bear internal implementation costs.
		<p>The MC&A Program provides control and accountability of nuclear materials within DOE.</p> <ul style="list-style-type: none"> MSC shall manage and conduct a centralized MC&A program for all accountable quantities of nuclear material on the Hanford Site, and approve all implementing procedures of Hanford Site contractors. Hanford Site contractors shall support MSC in preparation and maintenance of a <i>Hanford Site-wide MC&A Plan</i>, 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 <i>Hanford Site-wide MC&A Plan</i>. 								

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I/S	SAS Program Management – Safeguards and Security (SAS) Awareness	Receive service from and provide input to MSC	Provide service to Site contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC. N/A for PNNL.	CRD M 470.4-1, <i>Safeguards and Security Program Planning and Management</i>	MSC bears the cost burden of program administration; Hanford Site contractors bear internal implementation costs
		<p>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.</p> <ul style="list-style-type: none"> MSC shall provide SAS Awareness training for all Hanford Federal and contractor employees, subcontractors, and visitors; and conduct security training for all permanently badged employees on an initial and annual frequency to maintain appropriate levels of awareness. Hanford Site contractors shall comply with the requirements of the Hanford Security Awareness program, as administered by the MSC. 								
I/S	SAS Program Management	Receive service from and provide input to MSC	Provide service to Site contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	N/A	Receive service from and provide input to MSC	Receive service from and provide input to MSC. N/A for PNNL.	Atomic Energy Act of 1954, as amended CRD O 470.3A, <i>Design Basis Threat Policy (U)</i> CRD M 470.4-1, <i>Safeguards and Security Program Planning and Management</i>	MSC bears the cost burden of program administration; Hanford Site contractors bear internal implementation costs
		<p>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.</p> <ul style="list-style-type: none"> MSC shall establish, manage, integrate and execute the processes and services that comprise the SAS Program Management, such as Program Planning, Oversight, and Administration; Security Conditions (SECON); Site Safeguard and Security Plan (SSSP); Vulnerability Assessments; Design Basis Threat; and safeguards and security training. Hanford Site contractors shall coordinate and interface with MSC on SAS Program Management regarding SAS technical, cost, and schedule performance; comply with SECON activities; support the Site Safeguards and Security Plan (SSSP) development, etc. Hanford Site contractors shall manage their internal SAS Program Management activities. 								