

2. AMENDMENT/MODIFICATION NO. 0054	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
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6. ISSUED BY Richland Operations Office U.S. Department of Energy Richland Operations Office P.O. Box 550, MSIN A7-80 Richland WA 99352	CODE 00601	7. ADMINISTERED BY (If other than Item 6) Richland Operations Office U.S. Department of Energy Richland Operations Office P.O. Box 550, MSIN A7-80 Richland WA 99352	CODE 00601
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8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) HPM CORPORATION Attn: Erica Ramos 4304 W. 24TH AVE. SUITE 100 KENNEWICK WA 99382320	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	x	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-EM0002043
		10B. DATED (SEE ITEM 13) 06/08/2012
CODE 012911892	FACILITY CODE	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule

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

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Clauses H.11 Key Personnel and H.25 Site Services/Interface Requirements, FAR 43.103(a) Mutual Agreement
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not. is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
Tax ID Number: 91-2131802
DUNS Number: 012911892
Occupational Medical Services for the United States Department of Energy Hanford Site.
This contract is subject to FAR 52.232-18 Availability of Funds and FAR 52.323-22 Limitation of Funds.

The purpose of this modification is to revise Contract Section H.11 and Section J Attachment J-3. Revised conformed Contract sections are included with this modification.

The Total Obligation remains \$73,862,956.44, which the Contractor exceeds at its own risk, and the Total Amount remains \$99,479,626.59.

Continued ...

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

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Marcy J. Aplet-Zelen
15B. CONTRACTOR/OFFEROR <i>(Signature of person authorized to sign)</i>	15C. DATE SIGNED
16B. UNITED STATES OF AMERICA Signature on File <i>(Signature of Contracting Officer)</i>	16C. DATE SIGNED 03/14/2017

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 3
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Continued ...

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

15A. NAME AND TITLE OF SIGNER (Type or print) ERICA RAMOS CONTRACTS MGR	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Marcy J. Aplet-Zelen
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED 3/12/17
16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of Contracting Officer)	

CONTINUATION SHEETREFERENCE NO. OF DOCUMENT BEING CONTINUED
DE-EM0002043/0054PAGE OF
2 3NAME OF OFFEROR OR CONTRACTOR
HPM CORPORATION

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Details of this Contract change are included on the SF30 Continuation Page of this modification.</p> <p>All other terms and conditions remain unchanged.</p> <p>LIST OF CHANGES: Reason for Modification : Supplemental Agreement for work within scope Total Amount for this Modification: \$0.00 New Total Amount for this Award: \$99,479,626.59</p> <p>Payment: OR for Richland U.S. Department of Energy Oak Ridge Financial Service Center P.O. Box 4307 Oak Ridge TN 37831 Period of Performance: 10/01/2012 to 09/30/2018</p>				

SF30 BLOCK 14 CONTINUATION:

Modification 054 is a supplemental agreement for work within scope which revises the following sections of the Contract:

- A. This modification updates Clause H.11, "Key Personnel," as follows:
- The Principal Manager is changed from Mr. John Marshall to Ms. Jill Doran.
 - The Nursing Director is changed from Ms. Jill Doran to Mr. David Allcott.
- B. This modification updates Section J Attachment J-3, "Hanford Site Services and Interface Requirements Matrix," in its entirety. The parties agree that there are no cost impacts as a result of this change.
- C. Contractor Statement of Release: The Contractor hereby releases the Government from any and all liability under this contract for equitable adjustment attributable to this modification which revises "Hanford Site Services and Interface Requirements Matrix" incorporated into the contract as Section J, Attachment J-3.

All other terms and conditions remain unchanged. End of Modification No. 054

PART I – THE SCHEDULE

SECTION H

SPECIAL CONTRACT REQUIREMENTS

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SECTION H

SPECIAL CONTRACT REQUIREMENTS

H.1 MODIFICATION AUTHORITY

Notwithstanding any of the other clauses of this contract, the CO shall be the only individual authorized to:

- (a) Accept nonconforming work,
- (b) Waive any requirement of this contract, or
- (c) Modify any term or condition of this contract.

H.2 INCORPORATION OF REPRESENTATIONS, CERTIFICATIONS, AND OTHER STATEMENTS OF OFFEROR

The representations, certifications, and other statements of offeror, completed by the Contractor, are hereby incorporated by reference and made a part of this contract.

H.3 DEFINITIONS

- (a) Employee Job Task Analysis. The analysis performed to systematically identify and evaluate the potential impacts of the chemical, physical, and biological hazards that employees will face in the performance of their jobs, as described in the employee's individual job or position description. This analysis is updated periodically. This analysis serves as the basis for determining whether or not the employee will be enrolled in a medical surveillance and/or qualification program.
- (b) Job Hazard Analysis. The analysis performed to systematically identify and evaluate the potential impacts of the chemical, physical, and biological hazards that a particular work assignment, work order, project or work package will present to workers assigned to the task(s). The results of the Job Hazard Analysis are compared against the Employee Job Task Analysis for each worker assigned to the job to determine whether additional medical surveillance or personal protection equipment is warranted by the hazards.
- (c) Limited Area. A security area for the protection of classified matter where guards, security inspectors, or other internal controls can prevent access to classified matter by unauthorized persons.

- (d) Protected Area. A specifically defined area that is enclosed by physical barriers (e.g. walls or fences), subject to access controls, surrounding a material access area or containing Category II special nuclear material, and which meets the standards of the applicable DOE directive.

H.4 WORKFORCE TRANSITION

The Contractor shall use the transition period to make hiring decisions and to establish the management structures necessary to conduct an employee relations program. In establishing an initial workforce, and through the first six months after Contract award, the Contractor shall give a right of first refusal in hiring for vacancies in non-managerial positions under this Contract to employees of the predecessor contractor who meet the qualification for a particular position. Incumbent employees are the employees of Computer Sciences Corporation (CSC) – Hanford Occupational Health Services who hold regular appointments or who are regular employees. This right of first refusal takes priority over the hiring preference provided in Section 3161 of the National Defense Authorization Act for Fiscal Year 1993, as set forth in the Section I clause entitled DEAR 952.226-74, Displaced Employee Hiring Preference. It does not apply to the Contractor's hiring of management staff (i.e., first line supervisors and above).

H.5 LABOR RELATIONS

- (a) The Contractor shall respect the right of employees to organize and to form, join, or assist labor organizations, to bargain collectively through their chosen labor representatives, to engage in other concerted activities for the purpose of collective bargaining or other mutual aid or protection, and to refrain from any or all of these activities.
- (b) The Contractor will seek to maintain harmonious bargaining relationships that reflect a judicious expenditure of public funds, equitable resolution of disputes and effective and efficient bargaining relationships consistent with the requirements of FAR Subpart 22.1 and all applicable Federal and State labor relations laws.
- (c) The Contractor will notify the Contracting Officer or designee in a timely fashion of all labor relations issues and matters of local interest including organizing initiatives, unfair labor practice, work stoppages, picketing, labor arbitrations, and settlement agreements and will furnish such additional information as may be required by the Contracting Officer.

H.6 COLLECTIVE BARGAINING AGREEMENTS

Consistent with applicable labor law and regulations, the Contractor shall recognize and bargain in good faith with the collective-bargaining representatives (e.g., the United Staff Nurses Union and the United Food and Commercial Workers) of employees performing work that has historically and traditionally been performed by these union members and is covered in the scope of this contract.

H.7 LEGACY BENEFIT PLANS: PENSION AND POST RETIREMENT BENEFITS (PRBS)

- (a) The Contractor shall become a sponsor of the following legacy benefit plans: CSC Occupational Health Services Retirement Plan and the CSC Hanford Retiree Medical Plan (collectively the “Plans”). The contractor shall be responsible for maintaining the qualified status of those plans.
- (b) Employees of the predecessor contractor whom are hired by the Contractor and are currently active participants in the CSC Occupational Health Services Retirement Plan shall remain in their existing pension plan pursuant to pension plan eligibility requirements and applicable law.
- (c) The Plans identified in paragraph (a) shall be managed and administered separately from any other benefit plan so as to preserve the Plans’ separate and distinct identities.
- (d) Unless otherwise required by applicable law or approved by the Contracting Officer, no implementation of a benefit program and no amendment to either of the plans identified in paragraph (a) or underlying trust documents thereto shall result in allowable costs under this Contract.
- (e) No presumption of allowability will exist when the Contractor implements a new benefit plan or makes changes to existing benefit plans identified in paragraph (a) until the Contracting Officer makes a determination of cost allowability for reimbursement for new or changed benefit plans.
- (f) The Contractor shall not terminate the benefit Plans listed in paragraph (a) during the term of the Contract without prior approval of the Contracting Officer in writing.
- (g) Cost reimbursement for Post-Retirement Benefits (PRBs) is contingent on the specific terms of the plans identified in paragraph (a), as amended. Unless required by Federal or State law, advance funding of PRBs is not allowable.
- (h) All costs of administration shall be costs of each Plan individually. Costs of administration shall be directly billed to the Plans and not charged by indirect allocation.
- (i) The Contractor shall maintain a sufficient number of trained and qualified personnel to perform all of the functions of the Plans.
- (j) The Contractor shall render all ordinary and normal administrative services and functions which may be reasonably required. Within 60 days of the end of each plan year, the Contractor shall annually provide an itemization of costs incurred for plan administration for each Plan identified in paragraph (a) to the Contracting Officer.

- (k) The Contractor shall manage Plan assets in a prudent manner. The Contractor shall develop and submit to the Contracting Officer an Investment Policy Statement for the CSC Occupational Health Services Retirement Plan that clearly defines investment return objectives and risk tolerances, and shall perform annual pension plan Investment Performance Self-Assessments. The Contractor performance self-assessments shall address investment objectives, development of the plans to achieve investment objectives, execution of the plans, performance monitoring, and appropriate corrective action planning and execution. The Contractor shall provide the Contracting Officer with a copy of the Plan's Investment Performance Self-Assessment.
- (l) The Contractor shall comply with the Investment Policy Statements developed for the Plan. Should the Contractor incur higher costs because the Contractor fails to comply with all or part of the established Investment Policy Statement provided to DOE, the additional costs incurred are not allowable.
- (m) For cost allocability and reimbursement purposes, the Plans identified in paragraph (a) shall be maintained consistent with the requirements of the Internal Revenue Code (IRC) and the *Employee Retirement Income Security Act (ERISA)*.
- (n) Requirement for Benefit Value Study: Cost reimbursement for pension and other benefit plans identified in paragraph (a) sponsored by the Contractor will be based on the Contracting Officer's approval of Contractor actions pursuant to an approved Benefit Value Study as described below.
 - 1. An initial Employee Benefit Value Study (Ben-Val) must be done during the first twelve (12) months of the period of performance of the contract; successive Ben-Val studies are required every three years for all plans identified in paragraph (a). A Ben-Val Study is an actuarial study of the relative value (RV) of the benefits programs offered by the Contractor measured against the RV of benefit programs offered by comparator companies approved by the Contracting Officer.
 - 2. When net Benefit Value exceeds the comparator group by more than five (5) percent (%), the Contractor shall submit a corrective action plan to the Contracting Officer for approval.
 - 3. Within two (2) years of Contracting Officer approval of the Contractor's corrective action plan, the Contractor shall align employee benefit programs with the benefit value as approved by the Contracting Officer.
- (o) Contractor policies, practices, and procedures used in the administration of pension plans shall be consistent with law and regulation.
- (p) For each plan listed in paragraph (a) for which DOE reimburses costs, the Contractor shall provide the Contracting Officer with the following:

1. Copies of IRS 5500 forms with schedules, within nine (9) months of the last day of the current pension plan year; and
 2. Copies of all forms in the 5300 series that document the establishment, amendment, termination, spin-off, or merger of a Plan.
 3. Copies of the FAS 87 and FAS 106 reports and updates for the Plans.
 4. Actuarial Valuation reports and Funding reports for the pension plan.
 5. Annual Pension Management Plan as defined by the Department of Energy.
 6. Any other reports required or requested by the Contracting Officer.
- (q) Prior to the adoption of any changes to a pension plan, the Contractor shall submit the information required below, as applicable, to the Contracting Officer for approval or disapproval and a determination as to whether the costs to be incurred are deemed allowable pursuant to FAR 31.205-6.
1. For proposed changes to pension plans and pension plan funding, the Contractor shall provide an analysis of the impact of any proposed changes on actuarial accrued liabilities and an analysis of relative benefit value; and
 2. A copy of the current plan document (as conformed to show all prior plan amendments), with the proposed new amendment indicated in redline/strikeout;
 3. Except in circumstances where the Contracting Officer indicates that it is unnecessary, a legal explanation of the proposed changes from the legal counsel used by the plan for purposes of compliance with all legal requirements applicable to private sector pension plans;
 4. The Summary Plan Description;
 5. Any such additional information as requested by the Contracting Officer; and
 6. The Contractor shall obtain the advance written approval of the Contracting Officer for any non-statutory pension plan changes that may increase costs or liabilities, and any proposed special programs (including, but not limited to, plan-loan features, employee contribution refunds, or ancillary benefits) and shall provide the Contracting Officer with an analysis of the impact of special programs on the actuarial accrued liabilities of the pension plan.

H.8 POST-CONTRACT RESPONSIBILITIES FOR PENSION AND OTHER BENEFIT PLANS

- (a) If this Contract expires or terminates and the U.S. Department of Energy (DOE) has awarded a contract under which the new contractor becomes a sponsor and assumes responsibility for management and administration of the plans listed in the Section H.7 Clause entitled, *Legacy Benefit Plans: Pension and Post Retirement Benefits* (collectively, the “Plans”) of this contract, the Contractor shall cooperate and transfer to the new contractor its responsibility for sponsorship, management and administration of the plans as appropriate and consistent with direction from the Contracting Officer.
- (b) If this Contract expires or terminates and DOE has not awarded a contract to a new contractor under which the new contractor becomes a sponsor and assumes responsibility for management and administration of the Plans, or if the Contracting Officer determines that the scope of work under the Contract has been completed (any one such event may be deemed by the Contracting Officer to be “Contract Completion” for purposes of this clause), whichever is earlier, and notwithstanding any other obligations and requirements concerning expiration or termination under any other clause of this Contract, the following actions shall occur regarding the Contractor’s obligations regarding the Plans at the time of Contract Completion:
1. Subject to subparagraph (2) below, and notwithstanding any legal obligations independent of the Contract the Contractor may have regarding responsibilities for sponsorship, management, and administration of the Plans, the Contractor shall remain the sponsor of the Plans, in accordance with applicable legal requirements.
 2. The parties shall exercise their best efforts to reach agreement on the Contractor's responsibilities for sponsorship, management and administration of the Plans prior to or at the time of Contract Completion. However, if the parties have not reached agreement on the Contractor's responsibilities for sponsorship, management and administration of the plans as the Plans prior to or at the time of Contract Completion, unless and until such agreement is reached, the Contractor shall comply with written direction from the Contracting Officer regarding the Contractor's responsibilities for continued provision of pension and welfare benefits under the Plans, including but not limited to continued sponsorship of the Plans, in accordance with applicable legal requirements. To the extent that the Contractor incurs costs in implementing direction from the Contracting Officer, the Contractor’s costs will be reimbursed pursuant to applicable Contract provisions.

H.9 NO THIRD PARTY BENEFICIARIES

This Contract is for the exclusive benefit and convenience of the parties hereto. Nothing contained herein shall be construed as granting, vesting, creating or conferring any right

of action or any other right or benefit upon past, present or future employees of the Contractor, or upon any other third party. This provision is not intended to limit or impair the rights which any person may have under applicable Federal statutes.

H.10 DEAR 952.242-70 TECHNICAL DIRECTION (DEC 2000)

- (a) Performance of the work under this Contract shall be subject to the technical direction of the DOE Contracting Officer's Representative (COR). The term "technical direction" is defined to include, without limitation:
 - (1) Providing direction to the Contractor that redirects Contract effort, shift work emphasis between work areas or tasks, require pursuit of certain lines of inquiry, fill in details, or otherwise serve to accomplish the contractual Statement of Work.
 - (2) Providing written information to the Contractor that assists in interpreting drawings, specifications, or technical portions of the work description.
 - (3) Reviewing and, where required by the Contract, approving, technical reports, drawings, specifications, and technical information to be delivered by the Contractor to the Government.
- (b) The Contractor will receive a copy of the written COR designation from the Contracting Officer. It will specify the extent of the COR's authority to act on behalf of the Contracting Officer.
- (c) Technical direction must be within the scope of work stated in the Contract. The COR does not have the authority to, and may not, issue any technical direction that:
 - (1) Constitutes an assignment of additional work outside the Statement of Work;
 - (2) Constitutes a change as defined in the Contract clause entitled "Changes;"
 - (3) In any manner causes an increase or decrease in the total estimated Contract cost, the fee (if any), or the time required for Contract performance;
 - (4) Changes any of the expressed terms, conditions or specifications of the Contract; or
 - (5) Interferes with the Contractor's right to perform the terms and conditions of the Contract.
- (d) All technical direction shall be issued in writing by the COR.
- (e) The Contractor must proceed promptly with the performance of technical direction duly issued by the COR in the manner prescribed by this clause and within its

authority under the provisions of this clause. If, in the opinion of the Contractor, any instruction or direction by the COR falls within one of the categories defined in (c)(1) through (c)(5) of this clause, the Contractor must not proceed and must notify the Contracting Officer in writing within five (5) working days after receipt of any such instruction or direction and must request the Contracting Officer to modify the Contract accordingly. Upon receiving the notification from the Contractor, the Contracting Officer must:

- (1) Advise the Contractor in writing within thirty (30) days after receipt of the Contractor's letter that the technical direction is within the scope of the Contract effort and does not constitute a change under the Changes clause of the Contract;
 - (2) Advise the Contractor in writing within a reasonable time that the Government will issue a written change order; or
 - (3) Advise the Contractor in writing within a reasonable time not to proceed with the instruction or direction of the COR.
- (f) A failure of the Contractor and Contracting Officer either to agree that the technical direction is within the scope of the Contract or to agree upon the Contract action to be taken with respect to the technical direction will be subject to the provisions of the clause entitled "Disputes"

H.11 KEY PERSONNEL

- (a) The personnel specified below are considered to be essential to the work being performed hereunder. Prior to removing, replacing or diverting any of the specified individuals to other programs, the Contractor must notify the CO reasonably in advance and shall submit justification (including proposed substitutions) in sufficient detail to permit evaluation of the impact on the program and to obtain the CO's written approval.
- (b) The CO is to be notified reasonably in advance of diverting or substituting for any of these individuals. Notice shall be given not less than 30 days before diversion or substitution. No change shall be made by the Contractor without the written consent of the CO.
- (c) Unless approved in writing by the CO, no Key Personnel position will remain unfilled by a permanent replacement for more than 60 days. Whenever, for any reason, one or more of the employees listed in paragraph (e) below is unavailable for assignment for work under the contract, the Contractor shall, with the approval of the CO, replace such employee with an employee of substantially equal abilities and qualifications as compared to the incumbent employee, giving serious consideration to the benefits derived from utilizing the talents and capabilities of a diverse workforce. This clause

may be amended from time to time during the course of the contract to either add or delete personnel, as appropriate.

- (d) The Contractor organizational structure shall have a Principal Manager, a Site Occupational Medical Director, Clinic Director, and a Nursing Director. The organizational structure shall identify any additional Key Personnel deemed essential to the work being performed.
- (e) Key personnel for the provision of services are as follows:

DESIGNATED KEY PERSONNEL

NAME	TITLE
Mr. John Marshall <u>Ms. Jill Doran</u> Manager	Principal
<u>Dr. Karen Phillips</u>	Site Occupational Medical Director
<u>Dr. Denise Dixon Algood</u>	Clinic Director
Ms. Jill Doran <u>Mr. David Allcott</u>	Nursing Director

- (f) Anytime any member of Key Personnel is replaced or removed for any reason under the Contractor's control (other than to maintain satisfactory standards of employee competency, conduct, and integrity under the Section H.36 clause, DEAR 970.5203-3, Contractor's Organization) within two years of contract award, or within two years of being placed in the position, whichever is later, the Contractor shall forfeit \$250,000 in contract price if said Key Personnel is the Principal Manager or Site Occupational Medical Doctor, and \$100,000 in contract price for each removal, replacement, or diversion of all other key personnel within two years after effective date of the contract or within two years of being placed in the position. Likewise, if within two years of contract award, or within two years of being placed in the position, whichever is later, any Key Personnel voluntarily resigns, the Contractor shall forfeit \$250,000 in contract price if said Key Personnel is the Principal Manager or Site Occupational Medical Doctor, and \$100,000 in contract price for each occurrence with all other Key Personnel. The Contractor may request, in writing, that the CO waive all or part of these reductions in price, if special circumstances exist. The CO shall have unilateral discretion to waive or not to waive all or part of the contract price reduction.
- (g) The Contractor shall immediately notify the CO if the Contractor deems immediate removal or suspension of any member of Key Personnel is necessary to fulfill its obligation to maintain satisfactory standards of employee competency, conduct, and

integrity under the clause in Section H.36 entitled “DEAR 970.5203-3, Contractor’s Organization”. The Contractor may remove or suspend such person at once, although the Contractor must notify the CO prior to or concurrently with such action.

(h) Key Personnel positions are subject to DOE acceptance and approval.

H.12 QUALIFICATIONS OF KEY PERSONNEL

The requirements for medical personnel are as follows:

- (a) Principal Manager: The Principal Manager, who has overall management, operating, and contracting authority for the Contractor, shall have a minimum of 5 years of recent management and supervisory experience in a similar position wherein responsibilities entailed managerial/supervisory oversight of the type of work scope described in Section C. In addition, the Principal Manager shall possess a Master’s degree in Business Administration (MBA) or a Master’s of Science in Business (M.S. – Business), Master’s in Public Health (MPH) or Master’s in Health Administration (MHA) from an accredited college or university. Graduate level coursework in the health administration field is required. In addition, the Principal Manager must be eligible for a DOE Access Authorization.
- (b) Site Occupational Medical Director (SOMD): The SOMD, who has responsibility for overseeing the provision of Hanford Occupational Medical Services and advising DOE on medical issues, shall possess a valid, unrestricted license to practice medicine in the State of Washington; be certified in Occupational and Environmental Medicine (OEM), aerospace medicine (AM), or Public Health & Preventive Medicine (PM) by the appropriate Medical or Osteopathic Medical certifying board. The SOMD shall have a minimum of 3 years of experience in the oversight and management of occupational medical programs similar in complexity and type to the services described in Section C. In addition, the SOMD must be eligible for a DOE Access Authorization.
- (c) Clinic Director: The Clinic Director, who has operational responsibility for the provision of all medical services, shall possess a Medical Doctor (M.D.) or Doctor of Osteopathy (D.O.) degree, or shall possess a Master’s degree in Public Health (MPH) or Master’s in Health Administration (MHA). The Director shall have a minimum of 3 years of experience in provision of occupational medical services similar in complexity and type to the services described in Section C.
- (d) Nursing Director: The Nursing Director, who has supervisory responsibility of the nursing staff, shall be a Certified Occupational Health Nurse (COHN), and possess a minimum of a Bachelor’s of Science degree in Nursing (BSN). A Master’s of Science degree in Nursing (MSN) or a relevant field (e.g. MBA or M.S. - Business, Masters of Public Health (MPH)) is desirable. The Nursing Director shall have a minimum of 5 years nursing supervisory experience in an occupational health setting of similar complexity and have knowledge of accreditation standards, risk management

principles and practice, and quality improvement processes. Experience in leading a clinical element supporting organizational achievement of accreditation by a national accreditation body is highly desirable. The Nursing Director shall have successfully completed the American Heart Association (AHA) in Basic Life Support (BLS) and Advanced Cardiac Life Support (ACLS) training. BLS and ACLS certification shall be maintained and current at all times.

H.13 QUALIFICATION OF MEDICAL PERSONNEL- NON-KEY

The requirements for medical personnel, other than those listed in Section H clauses entitled *Key Personnel* and *Qualifications of Key Personnel* are as follows:

- (a) Physicians: Physicians shall possess a M.D. or D.O. degree, and possess a valid, unrestricted license to practice medicine in the State of Washington. Physicians shall have completed an internship or one-year of residency in a primary care specialty (e.g. OEM, Internal Medicine, Family Practice, Emergency Medicine, Aerospace Medicine, Public Health & Preventive Medicine, Physical Medicine and Rehabilitation). The physicians shall have experience in the provision of primary occupational health care and general medical care and successfully completed the American Heart Association (AHA) in Basic Life Support (BLS) and Advanced Cardiac Life Support (ACLS) training. BLS and ACLS certification shall be maintained and current at all times. It is highly desirable that physicians be board certified in OEM, and it is highly desirable the Beryllium Lead physician have a background history of clinical practice in the diagnoses and/or treatment of occupational pulmonary diseases. In addition, physicians must be eligible for a DOE Access Authorization.
- (b) Physician Assistants: Physician assistants shall be licensed in the State of Washington (Revised Code of Washington - RCW, Title 18, Chapter 18.71A applies). The physician assistants shall have a minimum of 2 years of clinical experience in provision of Occupational Health services and general medical services. They shall have successfully completed the AHA BLS and ACLS training. BLS and ACLS certification shall be maintained and current at all times.
- (c) Psychologists: Psychologists shall hold a doctoral degree from a clinical psychology program that includes completion of a one-year clinical internship approved by the American Psychological Association or an equivalent program; have accumulated a minimum of three years postdoctoral clinical experience with a major emphasis in psychological assessment (test); have a valid unrestricted license to practice clinical psychology in the State of Washington. In addition, the psychologists must be eligible for a DOE Access Authorization.
- (d) Nurse/Nurse Practitioner: Nurses and nurse practitioners [i.e., Registered Nurses (RN), Licensed Practical Nurses (LPN), Nurse Practitioners (NP), Advanced Registered Nurse Practitioners (ARNP)] shall be licensed in the State of Washington (RCW, Title 18, Chapter 18.79 applies). They shall have a minimum of two years of

clinical experience in provision of general medical services. Clinical experience in providing Occupational Health services is highly desirable. They shall have successfully completed the AHA BLS and ACLS training. BLS and ACLS certification shall be maintained and current at all times.

- (e) Case Manager: Case Managers who perform the requirements of Section C shall be Registered Nurses (RN) currently licensed in the State of Washington with Bachelor's degree in Nursing or an RN with Certification as a Case Manager (CCM) with 5 years of experience as a CCM. Certification as a CCM is preferred. The Certified Occupational Health Nurse (COHN) credential is desirable. Case Managers must possess 3 years of experience in Occupational Health Nursing, with documented case management experience, and an understanding of workers compensation and return to work processes. Case Managers must understand applicable regulations that apply to the cases they manage. At a minimum, the Case Managers must have familiarity with the Civil Rights Act of 1964, Federal Rehabilitation Act of 1973, and the Americans with Disabilities Act of 1990. The Case Managers shall have successfully completed the AHA BLS training course and maintain a current BLS certificate.
- (f) Substance Abuse/Medical Review Officer: The Substance Abuse/Medical Review Officer, who has responsibility for evaluating employees with substance abuse disorders and making placement recommendations, shall be a currently licensed M.D. or D.O. in the State of Washington and shall hold current Medical Review Officer certification. This Officer shall have completed an internship or one year of residency in a primary care specialty (OEM, Internal Medicine, General Practice, Family Practice, Emergency Medicine, or Psychiatry). This Officer shall have experience:
- 1) providing primary health care and primary occupational health care;
 - 2) as a Medical Review Officer with oversight of substance abuse rehabilitation;
 - 3) receiving and reviewing laboratory results generated by an employer's drug testing program and evaluating medical explanations for certain drug test results; and
 - 4) performing MRO duties in accordance 49 CFR part 40, *Procedures for Transportation Workplace Drug and Alcohol Testing Programs*.

The Substance Abuse/Medical Review Officer function may be performed by any one of the qualified staff physicians and does not have to be a full-time discrete position within the Contractor's organization. The physician filling this position shall have successfully completed the AHA BLS and ACLS training. BLS and ACLS certification shall be maintained and current at all times.

- (g) Risk Communicator: The Risk Communicator shall have a Bachelors Degree in either a medical field, toxicology, or related field; a M.D. and Masters in Public Health (MPH) is preferred. They shall have a minimum of 5 years of experience in risk communication, preferably in the public or Government arena. The Risk Communicator experience shall include experience in promoting understanding by facilitating discussion of complex, potentially emotionally charged issues within

diverse groups. Experience in working with groups of workers in an industrial setting and working with the public is highly desirable.

- (h) Epidemiologist: The Epidemiologist shall have experience in a chemical/D&D/nuclear industrial occupational medical epidemiological surveillance setting, which should include previous experience in the following areas: evaluating the health experience of employees exposed to a known concentration or below commonly accepted occupational exposure limits (OEL), estimation of baseline rates of illness and mortality, screening mechanism for identifying excess risk of illness, and providing assistance in the design and interpretation of special studies. The minimum educational requirement is an undergraduate degree in biological sciences and a master's degree from a school of public health in the subject of epidemiology; a PhD in the subject area is preferred. The epidemiologist shall have a minimum of two years of experience in performing complex analysis and drafting comprehensive reports and presentations for high level, decision-making audiences.
- (i) Certified Industrial Hygienist: The Certified Industrial Hygienist (CIH) shall be certified by the American Board of Industrial Hygiene (ABIH) and have industrial hygiene experience in a chemical/D&D/nuclear industrial setting, which should include experience in evaluating workplace environments where the potential for exposure to chemical substances (mixtures) are below commonly accepted occupational exposure limits (OEL). It is desirable for the CIH to possess the skills, knowledge, and experience to provide assistance in the design, performance, controls, and/or interpretation of epidemiological studies and physical agents (including health impacts). Knowledge and experience in the evaluation of potential Beryllium exposure and controls is desirable.
- (j) Registered X-Ray Technician: The Registered X-Ray Technician shall possess a current registration with the Washington State Department of Health per Revised Code of Washington (RCW) Title 18, Chapter 18.84.
- (k) Medical Assistant: Medical Assistant Certified shall be certified by the State of Washington based upon Washington Administrative Code (WAC) 246-827. A Medical Assistant Registered credential certified by the State of Washington per WAC 246-827 may also serve in this capacity.

H.14 ACCREDITATION REQUIREMENTS

- (a) The Contractor shall meet the accreditation requirements established in this clause and ensure personnel supporting this contract meet the education, certification, and licensing requirements pertaining to their positions.
- (b) The Contractor shall achieve and maintain accreditation for occupational health services from the Accreditation Association for Ambulatory Health Care (AAAHC), in accordance with the Contractor's accreditation plan.
- (c) The Contractor shall achieve such accreditation no later than 24 months after the beginning of the contract performance period.
- (d) The Contractor shall:
 - i. Submit to the DOE Program Manager within 3 business days all communications to and from the AAAHC, including but not limited to, all reports, letters, and comments from surveyors and other officials from or representing the accrediting body.
 - ii. Submit to the DOE Program Manager within 10 business days an action plan with timelines outlining how all deficiencies or non-compliance with policies, procedures, or standards (includes both partially compliant and non-compliant) will be corrected with monthly progress reports until all deficiencies or non-compliances have been corrected to the satisfaction of the accrediting body and the DOE Program Manager.
 - iii. Submit all quality indicators submitted to the AAAHC, to the DOE Program Manager.

H.15 HEALTH AND SAFETY

- (a) The Contractor shall take all reasonable precautions in the performance of the work to protect the safety and health of Hanford Site employees, the public and the environment.
- (b) The Contractor shall comply with Hanford requirements for work performed on the Hanford Site, including requirements for activities conducted in areas that may contain chemical, biological, physical, and/or radiological hazards.
- (c) Contractor employees that require access to Hanford Site's radiologically controlled areas and/or are located at the First Aid Stations on the Hanford Site, may be required to use Hanford Site dosimetry and shall comply with Hanford Site dosimetry requirements. Dosimetry will be provided to these employees at no charge to the Contractor.

- (d) The Contractor is responsible for compliance by its employees and subcontractors with the health and safety requirements of this Contract.
- (e) Failure by the Contractor to comply with any of the health and safety requirements set forth in this Contract may constitute a material breach of contract.

H.16 CONTINUITY OF INSURANCE COVERAGE

The Contractor shall provide for continuity of insurance coverage of employees of the incumbent contractor and its predecessors who are absent and receiving payments under the following programs: Long Term Disability, Short Term Disability, and Workers' Compensation, and including any then current Consolidated Omnibus Budget Reconciliation Act (COBRA) participation in a health benefits insurance program. Such insurance coverage shall be provided under the same terms and conditions as provided in existing programs, including the right of the Contractor to change those terms and conditions, where applicable.

The Contractor shall provide for continuity of insurance coverage (health, life, other, as applicable) of employees who have retired from the incumbent contractors or their predecessors to the extent currently provided by the incumbents. Such insurance coverage shall be provided under the same terms and conditions as provided in existing programs, including the right of the Contractor to change those terms and conditions, where applicable.

H.17 AUDIT

The Contractor agrees to conduct an audit and examination, in a manner satisfactory to the DOE Contracting Officer, of the records, operations, expenses, and transactions with respect to the costs claimed to be allowable under this contract. The audit/examination shall be conducted annually and at such other times as may be mutually agreed upon. The results of such audit, including the working papers, shall be submitted or made available to the DOE CO. This clause does not supersede the Government's right to audit.

H.18 PERFORMANCE EVALUATION AND MEASUREMENT PLAN (PEMP)

To the extent not set forth elsewhere in the contract:

1. The Government shall establish a Performance Evaluation and Measurement Plan (PEMP) upon which the determination of the total available fee amount earned shall be based. The PEMP will address the quality of the contractor's performance in delivery of contract requirements. The quality expectations will be specified in the contract directly, in the PEMP, or by reference. A copy of the PEMP shall be provided to the Contractor no later than thirty days prior to the scheduled start date of the evaluation period.

2. The PEMP will set forth the criteria upon which the Contractor will be evaluated relating to the quality objectives selected for evaluation. Such criteria may include subjective criteria. The PEMP shall also set forth the method by which the total available fee amount will be allocated and the amount earned determined.
3. The PEMP may, consistent with the contract statement of work, be revised during the period of performance. The contracting officer will notify the contractor of such unilateral changes at least ten calendar days prior to the effective date of the change.
4. The Contractor shall submit a year-end Annual Self-Assessment Report (Section F.6, deliverable #5) which is a self-assessment of the Contractor's annual performance relative to elements of the PEMP. This appraisal shall include comprehensive supporting data to an adequate depth to enable DOE to perform independent verification and analysis. DOE may perform independent evaluations, may seek additional input from other relevant entities, and may request additional data as deemed necessary.

H.19 ADDITIONAL GOVERNMENT FURNISHED PROPERTY AND SERVICES

In addition to the Government-Furnished Property (GFP) Inventory listed in Section J, the Government will also provide to the Contractor all of the Government-owned property in the possession of the incumbent medical services contractor on the last day of the transition period and any additional items not listed in the inventory tables. This additional property may include motor vehicles, office furniture, office supplies, telecommunications equipment (includes desk telephones), computer software, medical supplies, pharmaceuticals, and other property incidental to the performance of the required services. Note: In the event that property such as office furniture and telephone systems are not government owned at one or both of the clinics, the incoming contractor will need to furnish the clinics and provide any additional items in accordance with Section C.2.2.1 (c).

The Contractor may utilize the Federal Telecommunications System (FTS), the Hanford Site's local area computer network and associated computer network support, and other similar services for the sole purpose of contract performance. The Contractor shall assist in maintaining the GFP Inventory list consistent with Attachment J-3 *Hanford Site Services and Interface Requirements Matrix*.

H.20 WORKER'S COMPENSATION

The Hanford Workers' Compensation Program is an administrative function that provides for the support of the Hanford Site Workers' Compensation Program under U.S. Department of Energy (DOE) State of Washington Self-Insurance. Pursuant to State of Washington Revised Code (RCW) Title 51, DOE is a group self-insurer for purposes of workers' compensation coverage. Notwithstanding any other provision in this Contract,

the coverage afforded by the workers' compensation statutes shall be, for performance of work under this Contract at the Hanford Site, subject to the following:

- (a) Under the terms of a Memorandum of Understanding with the Washington State Department of Labor and Industries (L&I), DOE has agreed to perform all functions required by self-insurers in the State of Washington.
- (b) The Contractor shall take such action, and only such action, as DOE requests in connection with any accident reports, including assistance in the investigation and disposition of any claims there under and, subject to the direction and control of DOE, the conduct of litigation in the Contractor's own name in connection therewith.
- (c) Under RCW §51.32.073, DOE is the self-insurer and is responsible for making quarterly payments to the L&I. In support of this arrangement, the Contractor shall be responsible for withholding appropriate employee contributions and forwarding these contributions on a timely basis, plus the employer-matching amount to DOE.
- (d) The workers' compensation program shall operate in partnership with Contractor employee benefits, risk management, and environmental, safety, and health management programs. The Contractor shall cooperate with DOE for the management and administration of the Hanford Site Workers' Compensation self-insurance program.
- (e) The Contractor shall be responsible for all predecessor claims that fall under the Hanford Site Workers' Compensation self-insurance program. The Contractor shall maintain and retain all claim data for information and reporting needs.
- (f) The Contractor shall certify the accuracy of the payroll records used by DOE in establishing the self-insurance claims reserves and cooperate with any state audit.
- (g) The Contractor shall provide statutory workers' compensation coverage for staff members performing work under this Contract outside of the State of Washington and not otherwise covered by the State of Washington workers' compensation laws.
- (h) Time-loss compensation shall be paid to injured workers in accordance with the RCW §51.08.178 and other applicable requirements. Compensation paid to workers in excess of the amounts required by statute is unallowable costs under this contract.
- (i) Upon request, the Contractor shall submit to DOE, or other party designated by DOE, payroll records as required by Washington State Workers' Compensation laws.
- (j) Upon request, the Contractor shall submit to DOE, or other party designated by DOE, the accident reports required by RCW §51.28.010, or any other documentation requested by DOE pursuant to the Washington State Workers' Compensation laws.

- (k) The Contractor shall ensure all employees receive training and have a clear understanding of the workers' compensation process.
- (l) The Contractor shall develop and maintain a web site with Workers Compensation information and ensure that the web site is made available to employees within 45 days of the end of the Transition Period.
- (m) The Contractor shall provide additional training to claimants on the workers' compensation process when a claim is filed. This training shall include, but is not limited to, information regarding company contacts, approvals needed for appointments, time off, documentation requirements, etc.
- (n) The Contractor shall submit ad hoc reports and other information as required by DOE.
- (o) The Contractor shall provide briefings to DOE as requested.
- (p) For purposes of workers' compensation, all entities included in the Contractor team arrangement, as defined below, shall be covered by DOE's self-insurance certification under Washington State Department of Labor and Industries for workers' compensation:
 - 1. Contractor team arrangement means an arrangement in which –
 - (i) Two or more companies form a partnership or joint venture to act as a potential prime Contractor; or
 - (ii) A potential prime Contractor agrees with one or more other companies to have them act as its subcontractors under a specified Government contract or acquisition program.
 - 2. Any changes to the Contractor team arrangement for purposes of workers' compensation coverage shall be subject to the prior approval of the Contracting Officer.
- (q) Subcontractors not meeting the Contractor teaming arrangement definition performing work under this Contract on behalf of the Contractor are not covered by the provision of the Memorandum of Understanding referenced in paragraph (a) above.
- (r) The Contractor shall flow-down to its subcontractors the requirements to provide statutory workers compensation coverage for the subcontractors' employees. The Contractor shall have no responsibility for subcontractor workers' compensation when it includes this requirement in the sub-contract(s).

H.21 INSURANCE – WORK ON A GOVERNMENT INSTALLATION

The following kinds and minimum amounts of insurance are required during the performance of this contract:

- (a) Worker’s Compensation and Employer's Liability Insurance:
 - (1) Workers’ Compensation insurance in accordance with RCW Title 51, Industrial Insurance and consistent with Clause H.20, Workers’ Compensation; and
 - (2) Employer’s liability insurance in the amount of \$500,000.
- (b) General Liability Insurance. Bodily liability coverage written on the comprehensive form of policy of at least \$1,000,000 per occurrence.
- (c) Automobile Liability Insurance. Coverage shall be listed on the comprehensive form of the policy. It shall provide for bodily injury and property damage liability covering the operation of all automobiles used in connection with performing the contract. Policies covering automobiles operated in the United States shall provide coverage of at least \$500,000 per person and \$1,000,000 per occurrence for bodily injury and \$100,000 per occurrence for property damage.
- (d) The amount of liability coverage on other policies shall be commensurate with any legal requirements of the locality and sufficient to meet normal and customary claims.

H.22 EMERGENCY PROCEDURES

This Clause supplements the “DOE-RL Emergency Plan Implementing Procedure”, DOE-0223, by clarifying the process for implementation of proposed changes listed in Section 3.20, Subsection 5.0 of DOE-0223. DOE-0223 is managed by the DOE Richland Operations Office (DOE-RL) Security and Emergency Services organization. When updates to the Procedure need to be made, the Emergency Preparedness points of contact from each represented company are provided drafts for review and are required to consult with the appropriate contractor staff in their respective organization to determine impacts to contractual requirements (e.g., work scope, cost, and schedule). If there are impacts, the Contractor will immediately contact the Contracting Officer for direction.

H.23 INFORMATION

- (a) Unclassified Controlled Nuclear Information (UCNI). Documents originated by the Contractor or furnished by the Government to the Contractor, in connection with this contract, may contain Unclassified Controlled Nuclear Information as determined pursuant to Section 148 of the Atomic Energy Act of 1954, as amended. The Contractor shall be responsible for protecting such information from unauthorized dissemination in accordance with DOE regulations and directives and Section I

clauses entitled, DEAR 952.204-2, "Security Requirements" and DEAR 952.204-70, "Classification/Declassification".

(b) Confidentiality of Information. To the extent that the work under this contract requires that the Contractor be given access to confidential or proprietary business, technical, or financial information belonging to the Government or other companies, the Contractor shall, after receipt thereof, treat such information as confidential and agrees not to appropriate such information to its own use or to disclose such information to third parties unless specifically authorized by the CO in writing. The foregoing obligations, however, shall not apply to:

- (1) Information which, at the time of receipt by the Contractor, is in the public domain;
- (2) Information which is published after receipt thereof by the Contractor or otherwise becomes part of the public domain through no fault of the Contractor;
- (3) Information which the Contractor can demonstrate was in its possession at the time of receipt thereof and was not acquired directly or indirectly from the Government or other companies;
- (4) Information which the Contractor can demonstrate was received by it from a third party that did not require the Contractor to hold it in confidence.

The Contractor shall obtain the written agreement, in a form satisfactory to the CO, of each employee permitted access to such information, whereby the employee agrees that he/she will not discuss, divulge or disclose any such information or data to any person or entity except those persons within the Contractor's organization directly concerned with the performance of the contract.

The Contractor agrees, if requested by the Government, to sign an agreement identical, in all material respects, to the provisions of this subparagraph (b), with each company supplying information to the Contractor under this contract, and to supply a copy of such agreement to the CO. Upon request from the CO, the Contractor shall supply the Government with reports itemizing information received as confidential or proprietary and setting forth the company or companies from which the Contractor received such information.

The Contractor agrees that upon request by DOE, it will execute a DOE-approved agreement with any party whose facilities or proprietary data it is given access to or is furnished, restricting use and disclosure of the data or the information obtained from the facilities. Upon request by DOE, such an agreement shall also be signed by contractor personnel.

(c) The Government reserves the right to require the Contractor to include this clause or a modified version of this clause in any subcontract as directed in writing by the CO.

H.24 ALTERNATIVE DISPUTE RESOLUTION (ADR)

- (a) The DOE and the Contractor both recognize that methods for fair and efficient resolution of significant disputes are essential to the successful and timely achievement of critical milestones and completion of all Contract requirements. Accordingly, the parties agree that in the event of a dispute to jointly select a 'standing neutral.' The standing neutral will be available to help resolve disputes as they arise. Such standing neutral can be an individual, a board comprised of three independent experts, or a company with specific expertise in the Contract area. If a standing neutral cannot be agreed upon, the DOE Office of Dispute Resolution will make a selection. Specific joint ADR processes shall be developed.
- (b) The parties agree the following provision may be invoked for significant disputes upon mutual agreement of the DOE and the Contractor:
 - (1) DOE and the Contractor shall use their best efforts to informally resolve any dispute, claim, question, or disagreement by consulting and negotiating with each other in good faith, recognizing their mutual interests, and attempting to reach a just and equitable solution satisfactory to both parties. If any agreement cannot be reached through informal negotiations within 30 days after the start of negotiations, then such disagreement shall be referred to the standing neutral, pursuant to the jointly developed ADR procedures.
 - (2) The standing neutral will not render a decision, but will assist the parties in reaching a mutually satisfactory agreement. In the event the parties are unable after 30 days to reach such an agreement, either party may request, and the standing neutral will render, a non-binding advisory opinion. Such opinion shall not be admissible in evidence in any subsequent proceedings.
- (c) If one party to this Contract requests the use of the process set forth in Paragraphs b(1) and b(2) of this clause and the other party disagrees, the party disagreeing must express its position in writing to the other party. On any such occasion, if the party requesting the above process wishes to file a claim they may proceed in accordance with Section I, FAR 52.233-1 Disputes or FAR 52.233-1 Disputes Alternate I.
- (d) The Contractor shall continue performance of the contract during any activities performed or actions taken as described above.

H.25 HANFORD SITE SERVICES AND INTERFACE REQUIREMENTS

- (a) The Contractor will be performing work at sites where other entities are conducting various activities, including other DOE prime contractors, subcontractors, and other organizations. These entities, including the Contractor, need to acquire or perform certain services in support of their activities that may be common to other entities on

- the site. In some instances it is to the net benefit to DOE for these services to be provided by one central source at the respective sites.
- (b) The Contractor may receive services from and provide services to other prime contractors, subcontractors, or other organizations at the sites as approved by the CO or designee. These services may be provided in one of the following categories:
 - (1) Services that are the responsibility of the Contractor, but the Contractor elects, or the CO directs the Contractor, to purchase the service from another prime contractor, subcontractor, or other organization rather than perform the work with its own employees or acquire the service from one of its subcontractors.
 - (2) Services that are common to the Contractor, other prime contractors, subcontractors, or other organizations where the Contractor elects, or the CO directs the Contractor, to provide such services to such entities where it is to the overall net benefit to DOE.
 - (c) When services are acquired under these provisions, the Contractor shall maintain control and accountability for the work under this contract and shall execute appropriate agreements with the other entities.
 - (d) Services which the Contractor is expected to purchase from other prime contractors, subcontractors, or other entities at the sites include protective services, fire protection, emergency response, and other services of this general nature where it is not to the overall benefit of DOE for there to be multiple sources for such services.
 - (e) The Hanford Site Services and Interface Requirements Matrix (Section J, Attachment J-3) shows the interface and responsibility requirements of the Contractors on site. The Contractor shall immediately report any inconsistencies in the Attachment J-3 to the Contracting Officer.

H.26 EMPLOYEE CONCERNS PROGRAM

The Contractor shall submit an implementation plan to the Contracting Officer for approval within 90 days of contract award that describes an Employee Concerns Program (ECP) that implements all programmatic requirements in DOE Order 442.1A, and DOE Guide 442.1-1, Employee Concerns Program, and all superseding versions.

H.27 DEPARTMENT OF LABOR WAGE DETERMINATION

In the performance of this contract, the Contractor shall comply with the requirements of U.S. Department of Labor Wage Determination in Section J and Section I clause FAR 52.222-42 STATEMENT OF EQUIVALENT RATES FOR FEDERAL HIRE when applicable. Revised wage determinations shall be acquired from the Department of Labor and incorporated into this contract at least once every two years but not more often than yearly. The Contractor and/or subcontractors shall comply with the most recent

wage determination and agree to incorporate the appropriate labor standards requirements into this contract and any subcontracts.

H.28 LOBBYING RESTRICTION (ENERGY & WATER DEVELOPMENT APPROPRIATIONS ACT, 2010)

The Contractor agrees that none of the funds obligated on this award shall be expended, directly or indirectly, to influence congressional action on any legislation or appropriation matters pending before Congress, other than to communicate to members of Congress as described in 18 U.S.C. § 1913. This restriction is in addition to those prescribed elsewhere in statute and regulation.

H.29 NOTICE REGARDING THE PURCHASE OF AMERICAN-MADE EQUIPMENT AND PRODUCTS – SENSE OF CONGRESS

It is the sense of the Congress that, to the greatest extent practicable, all equipment and products purchased with funds made available under this award should be American-made.

H.30 PARTNERING

In order to most effectively accomplish this Contract, the Government proposes to form a cohesive partnership with the Contractor. It is a way of doing business based upon trust, dedication to common goals, and an understanding and respect for each other's expectations and values. The process creates a teambuilding environment, which fosters better communication and problem solving, and a mutual trust between the participants. These key elements create a climate in which issues can be raised, openly discussed, and jointly settled, without getting into an adversarial relationship. In this way, partnering is a mindset, and a way of doing business. It is an attitude toward working as a team, and achieving successful project execution. This endeavor seeks an environment that nurtures team building cooperation, and trust between the Government and the Contractor. The partnership strives to draw on the strengths of each organization in an effort to achieve a quality project done right the first time, within budget, and on schedule.

Participation in the partnership will be totally voluntary by the parties. Any cost associated with effectuating this partnership will be agreed to by both parties during Contract performance. The U.S. Army Corps of Engineers has championed partnering and their guidelines will be utilized in organizing partnering meetings and establishing a partnering agreement.

H.31 TRANSITION TO FOLLOW-ON CONTRACT (JULY 2011)

The Contractor recognizes that the work and services covered by this contract are vital to the DOE mission and must be maintained without interruption, both at the commencement and the expiration of this contract. It is therefore understood and further agreed in recognition of the above:

- (A) At the expiration of the contract term or any earlier termination thereof, the Contractor shall cooperate with a successor contractor or the Government by allowing its employees to interview for possible employment. For those employees who accept employment with the successor contractor, such employees shall be released in coordinated manner with the successor contractor. The Contractor shall cooperate with the successor contractor and Government with regard to the termination or transfer arrangements for such employees to assure maximum protection of employee service credits and fringe benefits.
- (B) Within fifteen (15) days after contract award, the Contractor and the outgoing contractor shall jointly prepare a mutual detailed plan for the phase-out and phase-in of operations. This plan shall specify a training and orientation program to cover each phase of the scope of work covered by the contract. A proposed date by which the Contractor will assume responsibility from the outgoing contractor for such work shall be established. The outgoing contractor will maintain full responsibility for such work until assumption thereof by the Contractor. Execution of the proposed plan or any part thereof shall be accomplished in accordance with the Contracting Officer's direction and approval.
- (C) This clause shall apply to subcontracts as approved by the Contracting Officer.

H.32 PRIVACY ACT SYSTEM OF RECORDS (JULY 2011)

The Contractor shall design, develop, or adopt the following systems of records on individuals to accomplish an agency function pursuant to the Section I clause entitled, FAR 52.224-2, "Privacy Act".

- DOE-5 Personnel Records of Former Contractor Employees
- DOE-10 Worker Advocacy Records
- DOE-11 Emergency Operations Notification Call List
- DOE-13 Payroll & Leave Records
- DOE-14 Report of Compensation
- DOE-15 Intelligence Related Access Authorization
- DOE-23 Property Accountability System
- DOE-28 General Training Records
- DOE-31 Firearms Qualifications Requirements
- DOE-33 Personnel Medical Records (Contractor Employees)
- DOE-35 Personnel Radiation Exposure Records
- DOE-38 Occupational and Industrial Accident Reports

- DOE-43 Personnel Security Clearance File
- DOE-48 Security Education and/or Infraction Reports
- DOE-51 Employee and Visitor Access Control Records
- DOE-52 Access Control Records of International Visits, Assignments, and Employment at DOE Facilities and Contractor Sites
- DOE-53 Access Authorization for ADP Equipment
- DOE-81 Counterintelligence Administrative and Analytical Records and Reports
- DOE-84 Counterintelligence Investigative Records
- DOE-88 Epidemiological and Other Health Studies, Surveys and Surveillances

The above list shall be revised from time to time by the Contracting Officer as may be necessary to keep it current. Such changes need not be formally incorporated before annual fee and scope modifications, but shall have the same effect as if actually listed above, for the purpose of satisfying the listing requirement contained in paragraph (a)(1) of FAR Clause 52.224-2, "Privacy Act."

H.33 ENERGY EMPLOYEES OCCUPATIONAL ILLNESS COMPENSATION PROGRAM ACT (EEOICPA)

The Contractor shall provide support of the EEOICPA established under Title XXXVI of the *National Defense Authorization Act of 2001* (Public Law 106-398). The Contractor shall provide records in accordance with DEAR Clause 970.5204-3, "Access to and Ownership of Records" in support of EEOICPA claims and the claim process under the EEOICPA.

- (a) The Contractor shall provide support services as required to verify employment and other records, which provide pertinent information for compensation under the EEOICPA. The Contractor shall provide this support for itself and any named subcontractors' employees. In addition, the Contractor shall provide reports as directed by DOE.
- (b) The Contractor shall provide an EEOICPA point of contact; this employee must attend meetings as requested by DOE. All communications with outside agencies in relation to EEOICPA will be coordinated through DOE.
- (c) The Federal Compensation Program Act (FCPA) electronic reporting system will be provided to the Contractor.
- (d) The Contractor shall provide the support necessary to accomplish the following DOE EEOICPA activities, for the Contractor and any named subcontractors:
 - 1) Locate, retrieve and copy (2 copies) personnel and other program records as requested;
 - 2) Perform records research needed to complete the U.S. Department of Labor (DOL) claims or to locate records needed to complete the claim;
 - 3) Perform/coordinate records declassification activities required for the processing of claims forms;

- 4) Keep FCPA information current on EEOICPA claims activities.
- 5) Ensure all EEOICPA claims received are completed and returned to DOE within 45 calendar days of date entered in the FCPA by DOE.

H.34 ADDITION AND ALTERATIONS TO IMPLEMENT EXECUTIVE ORDER 13423, STRENGTHENING FEDERAL ENVIRONMENTAL, ENERGY, AND TRANSPORTATION MANAGEMENT AND ITS IMPLEMENTING INSTRUCTIONS

This Contract involves Contractor operation of Government-owned facilities and/or vehicles and the provisions of Executive Order 13423 are applicable to the Contractor to the same extent they would be applicable if the Government were operating the facilities or vehicles. Information on the requirements of the Executive Order and its Implementing Instructions may be found at http://ofee.gov/Executive Order/Executive Order13423_main.asp. This requirement includes the Electronics Stewardship requirements of Implementing Instruction XII. When acquiring desktop or laptop computers and computer monitors, the Contractor shall acquire Electronic Product Environmental Assessment Tool registered products conforming to IEEE 1680-2006 Standard and ranked at least bronze, provided such products are life cycle cost efficient and meet applicable performance requirements. Information on EPEAT-registered computer products is available at www.epeat.net.

Green purchasing or environmentally preferable contracting includes the initiatives described below:

- Alternative Fuels and Vehicles are described at <http://www.afdc.energy.gov/afdc/>
- Biobased Products are described at <http://www.biopreferred.gov/>
- Energy efficient products are described at <http://energystar.gov/products> for Energy Star products and at <http://www.eere.energy.gov/femp/procurement> for FEMP designated products
- Environmentally Preferable Computers are described at <http://www.epeat.net>
- Non-Ozone Depleting Products are described at <http://www.epa.gov/Ozone/snap/index.html>
- Recycled Products are described at <http://epa.gov/cpg>
- Water efficient products are described at <http://epa.gov/watersense/>

To the extent that the services provided by the Contractor require the provision of any of the above types of products, the environmentally preferable type of product is to be furnished unless that type of product is not available competitively within a reasonable time, at a reasonable price, is not life cycle cost efficient in the case of energy consuming products, or does not meet reasonable performance standards. The clauses at FAR 52.223-2, Affirmative Procurement of Biobased Products under Service and Construction Contracts, 52.223-15, Energy Efficiency in Energy Consuming Products, and 52.223-17 Affirmative Procurement of EPA-Designated Items in Service and Construction Contracts, in Section I require the use of products that have biobased content, are energy efficient, or have recycled content.

The Contractor shall instruct Contractor employees in utilities conservation practices. The Contractor shall operate under conditions that preclude the waste of utilities.

The Contractor shall use lights only in areas where and at the time when work is actually being performed except in those areas where lighting is essential for purpose of safety and security.

H.35 GOVERNMENT OWNED PROPERTY AND EQUIPMENT RESPONSIBILITIES FOR CONTRACT TRANSITION PERIOD

All real and personal property currently accountable to the incumbent contractor for contract performance will be provided to the Contractor. During the contract transition period, an inventory record of such property in the DOE Facilities Information Management System (FIMS) and current contractor's personal property databases will be provided to the Contractor. Specifically, the following property acceptance requirements will be implemented:

- (a) The Contractor must perform a joint wall-to-wall physical inventory with the incumbent contractor of all accountable high-risk and sensitive property during the transition period and accept full accountability for the high-risk property at the end of transition.
- (b) The Contractor must accept, at the end of transition, transfer of accountability for the remaining Government-owned real and personal property not covered under this clause, based on existing inventory records, on an "as-is, where-is" basis, or perform a wall-to-wall inventory within 120 calendar days of the effective date of the contract. Any discrepancies from the existing inventory records shall be reported to the CO. As the formal inventories are completed, the Contractor shall assume responsibility and liability for subsequent losses and damages. If the physical inventory is not accomplished within the allotted time frame, the previous Contractor's records will become the inventory baseline.

H.36 DEAR 970.5203-3 – CONTRACTOR'S ORGANIZATION

- (a) Organization chart. As promptly as possible after the execution of this contract, the Contractor shall furnish to the Contracting Officer a chart showing the names, duties, and organization of key personnel (see "Key Personnel" above in this Section) to be employed in connection with the work, and shall furnish supplemental information to reflect any changes as they occur.
- (b) Supervisory representative of contractor. Unless otherwise directed by the contracting officer, a competent full-time resident supervisory representative of the Contractor satisfactory to the contracting officer shall be in charge of the work at the site, and any work off-site, at all times.

- (c) Control of employees. The Contractor shall be responsible for maintaining satisfactory standards of employee competency, conduct, and integrity and shall be responsible for taking such disciplinary action with respect to its employees as may be necessary. In the event the Contractor fails to remove any employee from the contract work whom DOE deems incompetent, careless, or insubordinate, or whose continued employment on the work is deemed by DOE to be inimical to the Department's mission, the contracting officer may require, with the approval of the Secretary of Energy, the Contractor to remove the employee from work under the contract. This includes the right to direct the Contractor to remove its most senior key person from work under the contract for serious contract performance deficiencies.
- (d) Standards and procedures. The Contractor shall establish such standards and procedures as are necessary to implement the requirements set forth in 48 CFR 970.0371. Such standards and procedures shall be subject to the approval of the contracting officer.

H.37 PERFORMANCE GUARANTEE AGREEMENT (JULY 2011)

The Contractor's parent organization(s) or all member organizations if the Contractor is a joint venture, limited liability company, or other similar entity, shall guarantee performance of the contract as evidenced by the Performance Guarantee Agreement incorporated in the contract in Section J.

If the Contractor is a joint venture, limited liability company, or other similar entity where more than one organization is involved, the parent(s) or all member organizations shall assume joint and severable liability for the performance of the contract. In the event any of the signatories to the Performance Guarantee Agreement enters into proceedings related to bankruptcy, whether voluntary or involuntary, the Contractor agrees to furnish written notification of the bankruptcy to the Contracting Officer.

H.38 RESPONSIBLE CORPORATE OFFICIAL (JULY 2011)

The Contractor has provided a guarantee of performance from its parent company(s) in the form set forth in the Section J Attachment entitled, "Performance Guarantee Agreement." The individual signing the "Performance Guarantee Agreement" for the parent company(s) should be the Responsible Corporate Official.

The Responsible Corporate Official is the person who has sole corporate (parent company(s)) authority and accountability for Contractor performance. DOE may contact, as necessary, the single Responsible Corporate Official identified below regarding Contract performance issues.

Responsible Corporate Official:

Name: **Hollie Mooers**

Position: **President**

Company/Organization: **HPM Corporation**

Address: **4304 W. 24th Ave. Suite 100, Kennewick, WA 99338**

Phone: **(509) 737-8939 ext.25**

Facsimile: **(509) 737-8938**

Email: hmoors@hpmcorporation.com

Should the Responsible Corporate Official or their contact information change during the period of the Contract, the Contractor shall promptly notify the Contracting Officer in writing of the change.

Identified below is each member of the Corporate Board of Directors that will have corporate oversight.

DOE may contact, as necessary, any member of the Corporate Board of Directors, who is accountable for corporate oversight of the Contractor organization and key personnel.

Corporate Board of Directors:

Name: **Hollie Mooers**

Position: **President**

Company/Organization: **HPM Corporation**

Address: **4304 W. 24th Ave. Suite 100, Kennewick, WA 99338**

Phone: **(509) 737-8939 ext.25**

Facsimile: **(509) 737-8938**

Email: hmoors@hpmcorporation.com

Should any change occur to the Corporate Board of Directors or their contact information during the period of the Contract, the Contractor shall promptly notify the Contracting Officer in writing of the change.

H.39 RESERVED

H.40 INFORMATION TECHNOLOGY (IT)

All information produced in support of this contract is deemed the property of the Government and must be processed and protected, commensurate with risk, in compliance with Government laws, Office of Management and Budget (OMB) mandates, and departmental policy.

Cyber Security

The Contractor shall develop a Cyber Security Program to meet the requirements of DOE Order 205.1A – Department of Energy Cyber Security Management Program and the Environmental Management Program Security Plan.

The Contractor shall evaluate the Information System or Systems it will operate or develop in accordance with FEDERAL INFORMATION PROCESSING STANDARDS PUBLICATION FIPS 199, Standards for Security Categorization of Federal Information and Information Systems. The determination of the system categorization shall be approved by the Contracting Officer. This categorization will determine the level of controls required in the development of the Contractor’s cyber security program. Along with submittal of the System Categorization, the Contractor shall develop and submit a Computer Security Threat and Vulnerabilities Statement and Computer Security Risk Assessment and Mitigation Document within 90 days of contract award. Additional deliverable requirements will be based on these documents.

Based on the System Categorization the Contractor shall develop a System Security Plan in accordance with the Under Secretary of Energy’s Program Cyber Security Plan and the Environmental Management Program Security Plan. The Contractor shall implement the Management, Operational, and Technical Controls specified in these documents.

Authorization to Operate:

The DOE will notify the Contractor of the appointment of a Designated Approval Authority (DAA). The DAA will authorize the full implementation of the Contractor’s IT systems. The Contractor will be subject to the reviews and system testing described in the requirements and the results of these will be presented to the DAA for review. If the results of the review are satisfactory, the DAA may issue declaration of an “Authority to Operate” (ATO) which will allow the Contractor to fully operate their IT systems within a specified time. The ATO will also specify the provisions for the continuous monitoring of the Contractor’s IT Systems.

If the Contractor’s systems are not fully compliant but do meet the minimum standard for operations, the DAA may issue conditions, terms, or limitations on the operations of the Contractor’s IT systems until they are fully compliant. These will be specified in the ATO.

If the results of the reviews and system test are not satisfactory, the DAA may deny or rescind a previous ATO with a Denial of Authorization to Operate (DATO). If the DAA issues a DATO, all costs associated with any mission delay will be the responsibility of the Contractor.

Risk Portfolio Manager:

Environmental Management's (EM) Risk Portfolio Manager (RPM) is an application developed by EM to standardize the development of IT system accreditation packages that support the DAA's decision in issuing an ATO. RPM is a central repository for cyber security documentation and Plans of Actions and Milestones (POA&M). RPM is pre-populated with DOE cyber security control requirements and will assist the Contractor in the development of required cyber security documentation. It will be the enterprise central repository for all required Certification and Accreditation (C & A) documents and artifacts. OMB requires that agencies upload information electronically to OMB. RPM is used to meet this requirement. The Contractor will be given access to the system and is required to provide updates in a timely manner.

Monitoring of IT Networks/Systems:

The Federal Government, the Department of Energy, and the Office of Environmental Management may monitor Contractor networks/systems used to conduct the EM mission for malicious activity and performance measures at any time. Hardware and software may be deployed on Contractor networks for this purpose. The installation, support and response to issues developed from these systems are within the scope of this contract.

Enterprise Architecture:

Federal law requires that agencies develop and document an Enterprise Architecture (EA). The architecture encompasses the missions and business processes that support each mission. The Contractor shall develop an Enterprise Architecture that describes the Contractor's IT systems in accordance with DOE Order 200.1A. All Federal IT investments are documented within the budget process by a form Exhibit 53 or form Exhibit 300, in accordance with OMB criteria. As part of the Enterprise Architecture, the Contractor shall develop an application inventory which is mapped to the appropriate Exhibit 53 and 300. The Contractor shall be required to provide data and information in support of developing the Exhibit 53 and or Exhibit 300 documentation.

EM utilizes an online system that the Contractor may be required to log on to and provide specific budget and cost data. Costs accumulated in association with IT and Cyber Security must be identified as such and be identifiable from a contract management perspective. See the specific sections of OMB Circular No. A-11 for further information or clarification of Exhibits 53 and 300.

Other Requirements:

The DOE orders and Program Cyber Security Plan provide for development of Policies, Procedures or Instructions to documents the Cyber Security Program. These documents may be required to be provided to the DAA to support development of an ATO for the Contractor's IT systems. The extent of the request of documents from the Contractor will rest on Risk Determination and other factors. At such time as the risk determination has been completed a list of required deliverables will be developed.

Data calls: As an integral part of compliance with DOE Order 205.1A, EM periodically issues data calls requesting specific information about the Contractor's system. Responding to these data calls in a timely manner is within the scope of this contract.

H.41 COMPLIANCE WITH INTERNET PROTOCOL, VERSION 6 (IPV6), IN ACQUIRING INFORMATION TECHNOLOGY (JULY 2011)

This contract involves the acquisition of Information Technology (IT) that uses Internet Protocol (IP) technology. The Contractor agrees that (1) all deliverables that involve IT that uses IP (products, services, software, etc.) comply with IPv6 standards and interoperate with both IPv6 and IPv4 systems and products; and (2) it has IPv6 technical support for fielded product management, development and implementation available. If the Contractor plans to offer a deliverable that involves IT that is not initially compliant, the Contractor shall (1) obtain the Contracting Officer's approval before starting work on the deliverable; and (2) have IPv6 technical support for fielded product management, development and implementation available.

Should the Contractor find that the Performance Work Statement of this contract do not conform to IPv6 standards, it must notify the Contracting Officer of such nonconformance and act in accordance with the instructions of the Contracting Officer.

H.42 SECURITY, OPERATIONAL SECURITY AND INFORMATION SECURITY

- (a) The Contractor shall comply with all DOE security requirements.
- (b) Neither the Contractor nor any of their employees shall disclose or cause to be disseminated any information concerning Government operations, including those performed by Contractors for the Government, which could result in or increase the likelihood of the possibility of a breach of security or interrupt the continuity of operations. Disclosure of information relating to the services hereunder to any person not entitled to receive it, or failure to safeguard any classified, unclassified sensitive, or export controlled information that may come to the Contractor or any person under their control in connection with work under this contract, may subject the Contractor, their agents, or employees to criminal liabilities.
- (c) The Contractor shall identify a point of contact within their organization as the Contractor's representative for Operational Security (OPSEC) on the Hanford OPSEC team.
- (a) All inquiries, comments, or complaints arising from any matter observed, experienced, or learned as a result of or in connection with the performance of this contract, shall be directed to the CO if the resolution requires dissemination of official information.
- (e) No part of this section shall be construed so as to discourage appropriate reporting of allegations of waste, fraud, or abuse.

H.43 TASK ORDERING PROCEDURE

- (a) Only the Contracting Officer may issue task orders to the Contractor, providing specific authorization or direction to perform work within the scope of the contract and as specified in the schedule. The Contractor may incur costs under this contract in performance of task orders and task order modifications issued in accordance with this clause. No other costs are authorized unless otherwise specified in the contract or expressly authorized by the Contracting Officer.
- (b) Prior to issuing a task order, the Contracting Officer will provide the Contractor with the following data:
 - (1) A functional description of the work or performance work statement identifying the objectives or results desired from the contemplated task order.
 - (2) Proposed performance standards to be used as criteria for determining whether the work requirements have been met.
 - (3) A request for a task order proposal from the Contractor to include the technical approach, period of performance, appropriate price information, and any other information required to determine the reasonableness of the Contractor's proposal.
- (c) Within 30 calendar days after receipt of the Contracting Officer's request, the Contractor shall submit a task order proposal conforming to the request.
- (d) After review and any necessary discussions, the Contracting Officer may issue a task order to the Contractor containing, as a minimum, the following:
 - (1) Date of the order.
 - (2) Contract number and order number.
 - (3) Functional description of the work identifying the objectives or results desired from the task order, including special instructions or other information necessary for performance of the task.
 - (4) Performance standards, and where appropriate, quality assurance standards.
 - (5) Maximum dollar amount authorized. This includes allocation of award fee among award fee periods, if applicable.
 - (6) Any other resources (travel, materials, equipment, facilities, etc.) authorized.
 - (7) Delivery/performance schedule including start and end dates.

- (8) If contract funding is by individual task order, accounting and appropriation data.
- (e) The Contractor shall provide acknowledgment of receipt to the Contracting Officer within 5 calendar days after receipt of the task order.
- (f) If time constraints do not permit issuance of a fully defined task order in accordance with the procedures described in paragraphs (a) through (d), a task order which includes a ceiling price may be issued.
- (g) The Contracting Officer may amend tasks in the same manner in which they were issued.
- (h) In the event of a conflict between the requirements of the task order and the Contractor's approved task order proposal, the task order shall prevail.
- (i) Contractor shall submit monthly task order progress reports. As a minimum, the reports shall contain the following information:
- (1) Contract number, task order number, and date of order.
 - (2) Task order price.
 - (3) Significant issues/problems associated with a task.
 - (4) Status of all tasks issued under the contract.

H.44 MATERIAL SAFETY DATA SHEET AVAILABILITY (JULY 2011)

In implementation of the clause in Section I entitled, "FAR 52.223-3 Hazardous Material Identification and Material Safety Data," the Contractor shall obtain, review and maintain a material safety data sheet (MSDS) in a readily accessible manner for each hazardous material (or mixture containing a hazardous material) ordered, delivered, stored or used; and maintain an accurate inventory and history of use of hazardous materials at each use and storage location. The MSDS shall conform to the requirements of 29 CFR 1910.1200(g).

H.45 ASSIGNMENT AND ADMINISTRATION OF CONTRACTS AND SUBCONTRACTS (JULY 2011)

- (a) Assignment of DOE Prime Contracts. During the period of performance of this Contract, it may become necessary for the U.S. Department of Energy (DOE) to transfer and assign existing or future DOE prime contracts supporting site work to this contract. The Contractor shall accept the transfers and assignments of contracts. Any recommendations and/or suggestions regarding individual transfers directed by DOE shall be submitted in writing to the Contracting Officer prior to the transfer or assignment.
- (b) Administration of Subcontracts. The administration of all subcontracts entered into and/or managed by the Contractor, including responsibility for payment hereunder,

shall remain with the Contractor. The Government reserves the right at any time to require that the Contractor submit any or all other contractual arrangements, including but not limited to purchase orders or classes of purchase orders, for approval, and provide information concerning methods, practices, and procedures used or proposed to be used in subcontracting and purchasing. Subcontracts and purchase orders shall be made in the name of the Contractor, shall not bind nor purport to bind the Government, shall not relieve the Contractor of any obligation under this contract (including, among other things, the obligation to properly supervise and coordinate the work of subcontractors), and shall be in such form and contain such provisions as are required by this contract or as the Contracting Officer may prescribe. Any consent by the Contracting Officer to the placement of subcontracts shall not be construed to create subcontractor privity of contract with the Government.

- (c) Transfer of Subcontracts. As the successor contractor, the Contractor agrees to accept the transfer of existing subcontracts as determined necessary by DOE for continuity of operations. The Contractor shall attempt to negotiate changes to the assigned subcontracts incorporating mandatory flow-down provisions at no cost. If the subcontractor refuses to accept the changes or requests price adjustments, the Contractor will notify the Contracting Officer in writing. DOE reserves the right to direct the Contractor to transfer to DOE or another Contractor any subcontract awarded under this contract.

H.46 CONFERENCE MANAGEMENT

- a) The contractor shall ensure that contractor-sponsored conferences reflect the DOE/NNSA's commitment to fiscal responsibility, appropriate stewardship of taxpayer funds and support the mission of DOE/NNSA as well as other sponsors of work. In addition, the contractor will ensure conferences do not include any activities that create the appearance of taxpayer funds being used in a questionable manner.
- b) For the purposes of this clause, "conference" is defined in Attachment 2 to the Deputy Secretary's memorandum of August 17, 2015 entitled "Updated Guidance on Conference-Related Activities and Spending."
- c) Contractor-sponsored conferences include those events that meet the conference definition and either or both of the following:
 - 1) The contractor provides funding to plan, promote, or implement an event, except in instances where a contractor:
 - i) covers participation costs in a conference for specified individuals (e.g. students, retirees, speakers, etc.) in a total amount not to exceed \$10,000 (by individual contractor for a specific conference) or
 - ii) purchases goods or services from the conference planners (e.g., attendee registration fees, renting booth space).
 - 2) The contractor authorizes use of its official seal, or other seals/logos/ trademarks to promote a conference. Exceptions include non-M&O contractors

who use their seal to promote a conference that is unrelated to their DOE contract(s) (e.g., if a DOE IT contractor were to host a general conference on cyber security).

- d) Attending a conference, giving a speech or serving as an honorary chairperson does not connote sponsorship.
- e) The contractor will provide information on conferences they plan to sponsor with expected costs exceeding \$100,000 in the Department's Conference Management Tool, including:
 - 1) Conference title, description, and date
 - 2) Location and venue
 - 3) Description of any unusual expenses (e.g., promotional items)
 - 4) Description of contracting procedures used (e.g., competition for space/support)
 - 5) Costs for space, food/beverages, audio visual, travel/per diem, registration costs, recovered costs (e.g., through exhibit fees)
 - 6) Number of attendees
- f) The contractor will not expend funds on the proposed contractor-sponsored conferences with expenditures estimated to exceed \$100,000 until notified of approval by the contracting officer.
- g) For DOE-sponsored conferences, the contractor will not expend funds on the proposed conference until notified by the contracting officer.
 - 1) DOE-sponsored conferences include events that meet the definition of a conference and where the Department provides funding to plan, promote, or implement the conference and/or authorizes use of the official DOE seal, or other seals/logos/ trademarks to promote a conference. Exceptions include instances where DOE:
 - i) covers participation costs in a conference for specified individuals (e.g. students, retirees, speakers, etc.) in a total amount not to exceed \$10,000 (by individual contractor for a specific conference) or
 - ii) purchases goods or services from the conference planners (e.g., attendee registration fees; renting booth space); or provide funding to the conference planners through Federal grants.
 - 2) Attending a conference, giving a speech, or serving as an honorary chairperson does not connote sponsorship.
 - 3) The contractor will provide cost and attendance information on their participation in all DOE-sponsored conference in the DOE Conference Management Tool.
- h) For *non-contractor sponsored conferences*, the contractor shall develop and implement a process to ensure costs related to conferences are allowable,

allocable, reasonable, and further the mission of DOE/NNSA. This process must at a minimum:

- 1) Track all conference expenses.
- 2) Require the Laboratory Director (or equivalent) or Chief Operating Officer approve a single conference with net costs to the contractor of \$100,000 or greater.
 - i) Contractors are not required to enter information on non-sponsored conferences in DOE'S Conference Management Tool.
 - j) Once funds have been expended on a non-sponsored conference, contractors may not authorize the use of their trademarks/logos for the conference, provide the conference planners with more than \$10,000 for specified individuals to participate in the conference, or provide any other sponsorship funding for the conference. If a contractor does so, its expenditures for the conference may be deemed unallowable.

SECTION J
ATTACHMENT J-3
HANFORD SITE SERVICES AND INTERFACE REQUIREMENTS MATRIX

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

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

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

MSC	Mission Support Contract
*PRC	Plateau Remediation Contract
TOC	Tank Operations Contract
WTP	Waste Treatment and Immobilization Plant Contract
RCCC	River Corridor Closure Contract (in contract closeout effective October 1, 2016)
Other Site Users	Examples include: Occupational Health Services Contractor (OHSC), Laboratory Analysis and Testing Services Contractor (LA&TS), Energy Savings Performance Contractor (ESPC), Pacific Northwest National Laboratory (PNNL) [activities located on the Hanford Site], Laundry Services Contractor, DOE, etc.
Hanford Site Contractors	General term used to collectively refer to all the above users/providers.

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

Types of Interfaces –

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

MSC SERVICES AND INTERFACE ACTIVITIES										
MSC General Requirements										
Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
1	Infrastructure and Services Alignment Plan (ISAP), and the Annual Forecast of Services and Infrastructure (including the <i>Hanford Site Services and Interface Requirements Matrix</i>)	Information	Direct-Funded	Interface	Receive input from site contractors	Deliver input to MSC				
Scope/Cost Allocation										
<p><u>Service Description</u></p> <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. <p><u>Usage-Based Services</u></p> <p>N/A</p> <p><u>Direct-Funded Services</u></p> <p>MSC bears the cost burden of program administration. Hanford Site contractors/users bear internal implementation costs.</p> <p>Return to top</p>										

Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
2	Hanford Site Interface Management Plan	Information	Direct-Funded	Interface	Receive input from site contractors	Deliver input to MSC				
Scope/Cost Allocation										
<p><u>Service Description</u></p> <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>. <p><u>Usage-Based Services</u></p> <p>N/A</p> <p><u>Direct-Funded Services</u></p> <p>MSC bears the cost burden of program administration. Hanford Site contractors/users bear internal implementation costs.</p> <p>Return to top</p>										

Safety, Security and Environment										
Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
3	Protective Forces	Information / Service	Direct-Funded	Mandatory	Provide service to site contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	N/A	Receive service from and provide input to MSC	Receive service from and provide input to MSC
Scope/Cost Allocation										
<p><u>Service Description</u></p> <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 Patrol shall provide random and special searches as required. • Hanford Patrol shall provide Protective Force services for WTP facilities when turned over to TOC. <p><u>Usage-Based Services</u></p> <p>N/A</p> <p><u>Direct-Funded Services</u></p> <p>Funded through MSC; provided at no cost to Hanford Site contractors. Hanford Site contractors shall provide facility, operational, and system configuration changes that may affect Protective Force operations.</p> <p>Return to top</p>										

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

Scope/Cost Allocation

Service Description

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

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

Usage-Based Services

N/A

Direct-Funded Services

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

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
5	Physical Security Systems (Government Property)	Information / Service	Direct-Funded	Mandatory	Provide service to site contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	N/A	Receive service from and provide input to MSC	Receive service from and provide input to MSC. N/A PNNL
Scope/Cost Allocation										
<p><u>Service Description</u></p> <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. • MSC shall provide Technical and Engineering Security services as required for the design and/or turnover of new facilities. <p><u>Usage-Based Services</u></p> <p>N/A</p> <p><u>Direct-Funded Services</u></p> <p>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> <p>Return to top</p>										

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
6	Information Security - (Operations Security (OPSEC))	Information / Service	Direct-Funded	Mandatory	Provide service to site contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	N/A	Receive service from and provide input to MSC	Receive service from and provide input to MSC (only DOE)
Scope/Cost Allocation										
<p><u>Service Description</u></p> <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 annually review and update the Critical Information List. • Hanford Site contractors shall implement their internal OPSEC responsibilities, participate and support Hanford Site-wide OPSEC Working and Awareness groups; provide support to the MSC OPSEC assessments; and support the annual review and update of the Critical Information List. <p><u>Usage-Based Services</u></p> <p>N/A</p> <p><u>Direct-Funded Services</u></p> <p>MSC bears the cost of Program administration. Hanford Site contractors/users bear internal implementation costs.</p> <p>Return to top</p>										

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
7	Information Security - Classified Matter Protection and Control (CMPC); Classification, Declassification and UCNI Program	Information / Service	Direct-Funded	Mandatory	Provide service to site contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	N/A	Receive service from and provide input to MSC	N/A
Scope/Cost Allocation										
<p><u>Service Description</u></p> <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. • MSC shall provide trained and authorized personnel to conduct inquiries for incidents of security concern, maintain the reporting database, and assist the contractor in report writing as required. • Hanford Site contractors shall be responsible for maintaining an updated list of security containers, locations and custodians; support investigation of any incidents of potential or actual compromise of classified; and nominate a sufficient number of Derivative Classifiers and Reviewing Officials who shall be trained and approved by the MSC. <p><u>Usage-Based Services</u></p> <p>N/A</p> <p><u>Direct-Funded Services</u></p> <p>MSC bears the burden of Program administration; Hanford Site contractors/users bear internal implementation costs.</p> <p>Return to top</p>										

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

Scope/Cost Allocation

Service Description

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

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

Usage-Based Services

N/A

Direct-Funded Services

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

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

Scope/Cost Allocation

Service Description

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

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

Usage-Based Services

N/A

Direct-Funded Services

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

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
10	Personnel Security – Access Authorization (Security Clearance) Processing Program	Service	Direct-Funded	Mandatory	Provide service to site contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC, N/A for PNNL
Scope/Cost Allocation										
<p><u>Service Description</u></p> <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. <p><u>Usage-Based Services</u></p> <p>N/A</p> <p><u>Direct-Funded Services</u></p> <p>MSC bears the cost burden of Program administration; Hanford Site contractors/users bear internal implementation costs.</p> <p>Return to top</p>										

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

Scope/Cost Allocation

Service Description

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

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

Usage-Based Services

N/A

Direct-Funded Services

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

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
12	Personnel Security – Workplace Substance Abuse Programs (WSAP)	Information / Service	Direct-Funded	Mandatory	Provide service to site contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	N/A	Receive service from and provide input to MSC	Receive service from and provide input to MSC, N/A for PNNL
Scope/Cost Allocation										
<p><u>Service Description</u></p> <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 maintain the procedures for testing and databases. • MSC shall notify the respective Hanford Site contractor of drug and alcohol testing results. • Hanford Site contractors shall identify individuals in testing-designated positions and execute the program per the MSC procedure. <p><u>Usage-Based Services</u></p> <p>N/A</p> <p><u>Direct-Funded Services</u></p> <p>MSC bears the cost burden of Program administration; Hanford Site contractors/users bear internal implementation costs.</p> <p>Return to top</p>										

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
13	Personnel Security – Foreign National Visits and Assignments (FNVA)	Information / Service	Direct-Funded	Mandatory	Provide service to site contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC (N/A PNNL)
Scope/Cost Allocation										
<p><u>Service Description</u></p> <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 process security plans for foreign visitors to Hanford Security areas, coordinate all FNVA requests, and submit to the appropriate contractor FNVA authority for approval. Hanford Site contractors shall notify the MSC of potential foreign visitor or assignment, and prepare and submit security plans to MSC for processing of the visit/assignment. <p><u>Usage-Based Services</u></p> <p>N/A</p> <p><u>Direct-Funded Services</u></p> <p>MSC bears the cost burden of Program administration. Hanford Site contractors/users bear internal implementation costs.</p> <p>Return to top</p>										

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

Scope/Cost Allocation

Service Description

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

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

Usage-Based Services

N/A

Direct-Funded Services

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

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

Scope/Cost Allocation

Service Description

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

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

Usage-Based Services

N/A

Direct-Funded Services

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

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
16	SAS Program Management – Safeguards and Security (SAS) Awareness	Information / Service	Direct-Funded	Mandatory	Provide service to site contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC. N/A for PNNL.
Scope/Cost Allocation										
<p><u>Service Description</u></p> <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. <p><u>Usage-Based Services</u></p> <p>N/A</p> <p><u>Direct-Funded Services</u></p> <p>MSC bears the cost of Program administration; Hanford Site contractors/users bear internal implementation costs.</p> <p>Return to top</p>										

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
17	SAS Program Management	Information / Service	Direct-Funded	Mandatory	Provide service to site contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	N/A	Receive service from and provide input to MSC	Receive service from and provide input to MSC. N/A for PNNL.
Scope/Cost Allocation										
<p><u>Service Description</u></p> <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. <p><u>Usage-Based Services</u></p> <p>N/A</p> <p><u>Direct-Funded Services</u></p> <p>MSC bears the cost of Program administration Hanford Site contractors/users bear internal implementation costs.</p> <p>Return to top</p>										

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

Scope/Cost Allocation

Service Description

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

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

Mandatory Standardized Training

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

Usage-Based Services

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

Direct-Funded Services

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

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
19	Fire & Emergency Response Services (Fire Prevention, Fire Suppression, Fire Investigations; Emergency Rescue; Emergency Medical Service and Patient Transport; Incident Command; and Hazardous Material and Chemical/Biological/Radiological Emergency Response)	Information / Service	Direct-Funded	Mandatory	Provide service to site contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC (includes Energy Northwest.) May include Non-Hanford Site areas designated by DOE
Scope/Cost Allocation										
<p><u>Service Description</u></p> <p>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.</p> <ul style="list-style-type: none"> • MSC shall provide 24/7 fire-related protection of human life, property, and facilities; and operates basic and advanced life support emergency medical services. • MSC shall act as the Site Incident Command Agency for all fires and hazardous/radiological materials emergencies on the Hanford Site. • Hanford Site contractors shall support facility access to the MSC fire services personnel, and notify the Fire Department of work activities, events, incidents, etc., that may require Fire Services involvement and/or response (e.g., medical assistance, hazardous or radiological emergency help, etc.). • The MSC will provide support for HFD participation in drills and exercises. <p><u>Usage-Based Services</u></p> <p>N/A</p> <p><u>Direct-Funded Services</u></p> <p>Funded through the MSC; provided at no cost to Hanford Site Contractors.</p> <p>Return to top</p>										

Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
20	Fire & Emergency Response Services (Fire Protection System Inspection, Testing, and Maintenance)	Information / Service	Combination of Usage-Based and Direct-Funded	Mandatory	Provide service to site contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC (RFAR only)	Receive service from and provide input to MSC	Receive service from and provide input to MSC. The only service applicable to PNNL is Fire Protection Systems Testing in DOE owned facilities on the Hanford Site.
Scope/Cost Allocation										
<p><u>Service Description</u></p> <p>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.</p> <ul style="list-style-type: none"> • MSC shall provide a Fire Marshal with authority for fire protection system inspection, testing, and maintenance; respiratory protection services; building inspections; ignitable and reactive waste site inspections; pre-fire planning; etc. • Hanford Site contractors shall be required to use certain mandatory Fire Services from the MSC contractor in performance of this work scope (e.g., fire systems inspection, testing, etc.) consistent with the MSC. <p><u>Usage-Based Services</u></p> <p>Hanford Site contractors are required to provide their own hardware projects.</p> <p><u>Direct-Funded Services</u></p> <p>MSC is direct-funded to maintain fire systems for each Hanford Site contractor.</p> <p>Return to top</p>										

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

Scope/Cost Allocation

Service Description

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

MSC shall:

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

Usage-Based Services

N/A

Direct-Funded Services

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

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

Scope/Cost Allocation

Service Description

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

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

Usage-Based Services

N/A

Direct-Funded Services

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

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

Scope/Cost Allocation

Service Description

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

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

Common Safety Processes.

1. Lockout/tagout of hazardous energy
2. Permit required confined space entry.
3. Chronic Beryllium Disease Prevention Program (CBDPP).
4. Respiratory protection program.
5. Hoisting and rigging
6. Fall protection.
7. Electrical safety.
8. Industrial hygiene exposure records including the generation, common database, and storage.
9. Employee job task analysis (EJTA) as being implemented on the Hanford site at the present time.
10. Excavation permits with emphasis on the existing Hanford site system for obtaining excavation permits.
11. Hazardous Chemical Reporting: Community Right-to-Know with the MSC responsible for obtaining data from other Hanford site contractors, compiling and submitting the required data.

Usage-Based Services

N/A

Direct-Funded Services

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

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
24	Radiological Assistance (RAP)	Information / Service	Direct-Funded	Mandatory	Provide service	Provide staff to MSC	Provide staff to MSC	N/A	N/A	N/A
Scope/Cost Allocation										
<p><u>Service Description</u></p> <p>RAP provides first-responder radiological response capabilities 24/7 for the Hanford Site and Region 8 (states of Alaska, Oregon, and Washington).</p> <ul style="list-style-type: none"> • MSC shall maintain and implement a first-responder radiological assistance that includes plans, procedures, resources and 24/7 response capabilities for Region 8 in support of the DOE Regional Response Coordinator and provide equipment. • PRC and TOC shall provide qualified personnel, technical expertise, and support to the DOE Region 8 RAP to ensure maintenance and staffing of emergency teams with the ability to respond under the direction of DOE National Nuclear Security Administration (NNSA) and the U.S. Department of Homeland Security. <p><u>Usage-Based Services</u></p> <p>N/A</p> <p><u>Direct-Funded Services</u></p> <p>MSC bears the cost burden of program administration to include travel, equipment, and RAP specific training. PRC and TOC provide personnel and bear personnel costs associated with RAP participation. PNNL also provides personnel to RAP, but is funded through MSC.</p> <p>Return to top</p>										

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
25	Environmental Regulatory Management (Site-wide permits, permit applications, and reports; Site-wide NEPA documents; Site-wide environmental reports; Site-wide (environmental) Quality Assurance standards; allocation of permit limits)	Information / Service	Direct-Funded	Mandatory	Provide service to site contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC
Scope/Cost Allocation										
<p><u>Service Description</u></p> <p>Environmental Regulatory Management ensures a Site-wide environmental program which is compliant with applicable laws, regulations, DOE directives and the Section H Clause entitled, <i>Environmental Responsibility</i>.</p> <p>MSC shall establish and provide site-wide management, administration, integration, permitting and compliance in coordination with other Hanford Site contractors. The MSC shall obtain concurrence from affected Hanford Site contractors for Site-wide environmental documents. MSC performs all near-field monitoring activities for the Hanford Site, including near-field monitoring required by a facility specific permit.</p> <p>Hanford Site contractors shall:</p> <ul style="list-style-type: none"> • Provide input for the Site-wide Environmental Management System (EMS) Program Management Plan. • Integrate their environmental permitting and regulatory compliance activities with the Hanford site-wide permitting and compliance framework maintained by the MSC. • Provide appropriate and timely input to the MSC and other designated Hanford Site contractors for regulatory required Site-wide environmental reports and metrics for their facilities and activities. • Support MSC in their Site-wide environmental regulatory management roles. • Provide legally and regulatory required air and liquid effluent and near facility environmental monitoring; collect, compile, and/or integrate air and liquid effluent monitoring data from operations and activities under their control. • Provide appropriate environmental data for its facility and operable units to support Hanford Site assessments and preparation of the annual Hanford Site Environmental Report. Obtain unit specific permit modifications in coordination with the MSC. • Inform MSC if any near-field monitor(s) are required as part of contractor's facility monitoring. <p><u>Usage-Based Services</u></p> <p>N/A</p>										

Direct-Funded Services

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

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

Scope/Cost Allocation

Service Description

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

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

Usage-Based Services

N/A

Direct-Funded Service

Service scope as defined above.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
27	Hanford Environmental Oversight (HEO)	Information	Direct-Funded	Interface	Provide service to site contractors	Deliver input to MSC				
Scope/Cost Allocation										
<p><u>Service Description</u></p> <p>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.</p> <ul style="list-style-type: none"> • MSC shall provide annual updates of the <i>Hanford Site National Environmental Policy Act (NEPA) Characterization Report</i>. • Hanford Site contractors shall provide to MSC appropriate environmental data for its facility and operable units to support Hanford Site assessments and preparation of the <i>Hanford Site NEPA Characterization Report</i>. <p><u>Usage-Based Services</u></p> <p>N/A</p> <p><u>Direct-Funded Services</u></p> <p>MSC bears the cost burden of program administration. Hanford Site contractors bear internal implementation costs.</p> <p>Return to top</p>										

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

Scope/Cost Allocation

Service Description

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

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

Usage-Based Services

Special-use information requested by Site contractors

Direct-Funded Services

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

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

Scope/Cost Allocation

Service Description

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

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

Usage-Based Services

Hanford Site contractors bear request for services costs.

Direct-Funded Services

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

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

Scope/Cost Allocation

Service Description

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

MSC shall:

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

Hanford Site contractors shall:

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

Usage-Based Services

Ecological reviews are a usage-based service.

Direct-Funded Services

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

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
31	Cultural and Historic Resource Program	Information / Service	Combination of Direct-Funded and Usage-Based	Service - Mandatory	Provide service to site contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Provide input to MSC	Receive service from and provide input to MSC as applicable
Scope/Cost Allocation										
<p><u>Service Description</u></p> <p>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.</p> <ul style="list-style-type: none"> • MSC shall monitor and support the resource protection activities of Hanford Site contractors; coordinate surveys performed to document the occurrence of protected resources; evaluate and document impacts to protected resources; perform NHPA Section 106 Reviews for Hanford Site contractors; maintain, establish procedures for and manage Hanford Site cultural and historic resource site files (hard copy and electronic) and associated compliance project files for all such work that occurs at the Hanford Site; and curate files and artifacts in accordance with 36 CFR 79. • Hanford Site contractors shall provide information to the MSC necessary to perform NHPA Section 106 Reviews for their scope of work, and provide to MSC information and materials to support MSC execution of the <i>Comprehensive Land Use Plan's (CLUP) Cultural & Historic Resource Program Plan</i>. In particular, mission contractors (who meet 36 CFR 61 standards and guidelines) shall utilize the MSC project records and files for background research. <p><u>Usage-Based Services</u></p> <p>Cultural reviews are a usage-based service. Hanford Site contractors bear request for services costs.</p> <p><u>Direct-Funded Services</u></p> <p>MSC bears the cost burden of program administration. Hanford Site contractors/users bear internal implementation costs.</p> <p>Return to top</p>										

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

Scope/Cost Allocation

Service Description

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

MSC shall provide:

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

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

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

Usage-Based Services

Service as described above.

Direct-Funded Services

N/A

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Site Infrastructure and Utilities										
Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
33	**Discontinued** Analytical Services (Chemical and Low-Level Radiological Analysis)	Service	Combination of Usage-Based and Direct-Funded	Mandatory	Provide service to site contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Optional	Optional	Receive service from and provide input to MSC as applicable
Scope/Cost Allocation										
<p>** All services discontinued as of September 30, 2014. Shipment of samples to WSCF laboratory was discontinued April 30, 2014 in accordance with the direction of the contracting officer (DOE-RL letter 14-PRO-0170). Services were provided by the MSC through an offsite third-party entity through September 30, 2014. Due to the DOE-RL directed shutdown of the WSCF facility, this service is no longer available and Hanford Site Contractors shall use offsite laboratories for obtaining analytical services previously covered by WSCF.</p> <p>Service Description</p> <ul style="list-style-type: none"> Analytical Services performs chemical and low-level radiological analysis on a variety of sample media. These services are performed at the Hanford Waste Sampling and Characterization Facility (WSCF). MSC shall operate the WSCF. Hanford Site contractors shall request analytical services as needed <p>Usage-Based Services</p> <ul style="list-style-type: none"> Sample analysis is a usage-based service reimbursed by the user <p>Direct-Funded Services</p> <p>WSCF Laboratory fixed costs for maintaining the facility in a ready-to-serve capacity are at no cost to Hanford Site contractors.</p> <p>Return to top</p>										

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
34	Biological Controls	Service	Combination of Usage-Based and Direct-Funded	Mandatory	Provide service to site contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC as applicable
Scope/Cost Allocation										
<p><u>Service Description</u></p> <p>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.</p> <ul style="list-style-type: none"> • MSC shall provide a Hanford Site-wide biological control program. • Hanford Site contractors shall request support as needed. <p><u>Usage-Based Services</u></p> <p>Hanford Site contractors may request additional services beyond direct funded basic service as a usage-based service</p> <p><u>Direct-Funded Services</u></p> <p>Basic service funded through MSC; provided at no cost to Hanford Site contractors.</p> <p>Return to top</p>										

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

Scope/Cost Allocation

Service Description

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

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

Usage-Based Services

Service as described above.

Direct-Funded Services

N/A

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
36	Facility Services	Service	Usage-Based	Mandatory	Provide service to site contractors	Receive service from and provide input to MSC	Receive (limited) service from and provide input to MSC	N/A	N/A	Receive service from and provide input to MSC as applicable (N/A for PNNL)
Scope/Cost Allocation										
<p><u>Service Description</u></p> <p>Facility Services is a central maintenance function for non-radiological facilities.</p> <ul style="list-style-type: none"> MSC shall provide management and administrative oversight for all requested facility activities, including planning and directing the work. MSC shall provide for the following facility services in support of the Hanford Site projects and contractors: facility painting, sign painting, carpentry, refrigerated equipment service, insulation, pipefitting, electrical, sheet metal, instrumentation, cement finishing, glazier work, custodial, locksmith, movers, equipment calibration, and HVAC maintenance and repair. PRC and other Site users shall request and provide requirements for service. TOC shall only receive Refrigerated Equipment Service, custodial service, and Movers Service from and provide input to MSC. <p><u>Usage-Based Services</u></p> <p>Service as described above.</p> <p><u>Direct-Funded Services</u></p> <p>N/A</p> <p>Return to top</p>										

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

Scope/Cost Allocation

Service Description

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

- MSC shall:
 - Manage, schedule, and conduct motor carrier services.
 - Maintain and operate a centralized pool of vehicles and drivers for the on-site and limited local transportation of freight including hazardous and radioactive materials at the Hanford Site.
 - Act as the Hanford Site motor carrier similar to a commercial motor carrier.
 - Provide compressed gas shipments.
 - Pick up at local vendors as directed by their customers.
 - The Hanford Site contractor will prepare freight for shipment (packaging the freight) and provided associated documentation or direct a pick up of freight from a particular Site contractor or vendor.
 - The preferred method for shipment of freight to other DOE site or to commercial vendor(s) is using a commercial motor carrier.
 - Upon mutual agreement, the Contractor may provide a limited number of specialized vehicles to Other Hanford Site Contractors to support the efficient management of resources. Any vehicles provided by the MSC will remain in the MSC Fleet Maintenance Programs.
- Hanford Site contractors who are customers of this service prepare the waste for transport including shipper/receiver agreement documents, transportation documents for packaging, transportation and receipt by the receiving facility.
- Services are excluded for ERDF operations and 618-10 site remediation activities.

Usage-Based Services

Service as described above.

Direct-Funded Services

N/A
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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
38	Fleet Services	Service	Usage-Based	Mandatory	Provide service to site contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	N/A	Optional	Receive service from and provide input to MSC as applicable
Scope/Cost Allocation										
<p><u>Service Description</u></p> <p>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.</p> <ul style="list-style-type: none"> • MSC shall provide management and coordination, statistical usage tracking, and reporting on GSA-leased vehicles and DOE-owned vehicles/equipment; perform vehicle and equipment repair and modification services as required (e.g., in the 200 Area); and perform record-keeping, vehicle assignment, ensuring vehicle utilization, and excess/disposal of fleet vehicles and parts. Some vehicles are designated as “regulated” due to contamination and are required to be serviced within radiologically-controlled areas. • MSC shall provide and execute the DOE approval of equipment/vehicle procurements when necessary. • Hanford Site contractors shall request and provide requirements for service and those using Fleet Services shall provide report input such as the <i>Transportation Management Scorecard</i>. • 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. 										

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- Administration of the GSA lease.
- Services are excluded for ERDF operations and 618-10 site remediation activities.

Usage-Based Services

Services as described above.

Direct-Funded Services

N/A

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

Scope/Cost Allocation

Service Description

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

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

Usage-Based Services

Service scope as defined above

Direct-Funded Services

N/A

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

Scope/Cost Allocation

Service Description

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

Usage-Based Services

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

Direct-Funded Services

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

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

Scope/Cost Allocation

Service Description

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

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

Notes:

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

Usage-Based Services

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

Direct-Funded Services

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

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
42	Water System	Physical / Service	Combination of Usage-Based and Direct-Funded	Mandatory	Provide service to site contractors	Receive service from and provide input to MSC	Receive service from and provide input to MSC	Receive service from and provide input to MSC per ICD 01 – Raw Water and ICD 02 – Potable Water	Receive service from and provide input to MSC	Receive service from and provide input to MSC
Scope/Cost Allocation										
<u>Service Description</u>										
<p>The Water System function is a water utility service (the geographic areas to be served are the 100B/C, 200, 300, and 600 Areas).</p> <ul style="list-style-type: none"> MSC shall manage the water system in accordance with agreements negotiated with the Hanford Site contractor being served and in accordance with guidance documents cited in state regulations for water systems; and maintain the existing <i>Water System Master Plan</i>. The Plan shall document a strategy for managing repairs, life extensions, replacements, and deactivations for facilities and equipment for the water systems within the scope of this contract over a ten year planning horizon. MSC shall provide a “purveyor” (per the Washington Administrative Code and other state regulations) for MSC-managed water systems. MSC shall be responsible for all aspects of the water distribution system only up to and including the first off-valve or demarcation point outside the customer’s facility or complex of facilities. The customer or facility maintains all responsibility for lines downstream of this agreed-upon point. On side-by-side multiple valve isolations and backflow assemblies, the facility assumes responsibility from the discharge side of the downstream isolation valve. For WTP, the demarcation point is the premise isolation backflow prevention at the fence line. For PFP, the demarcation point is the premise isolation backflow assemblies. MSC shall perform, as requested, backflow preventer testing, water system contaminant monitoring management, and pipeline sanitization for other Hanford Site contractors (e.g., water systems outside of MSC): Hanford Site contractors shall input to the <i>Water System Master Plan</i> and negotiate agreements for water utility service. PRC shall identify priority water line upgrades which would prevent further ground water degradation; MSC shall perform priority water line upgrades to prevent further ground water degradation. <p><u>Note:</u> The 100K Area and 400 Area Water Systems will be operated and maintained by the PRC.</p>										

Usage-Based Services

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

Direct-Funded Services

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

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

Scope/Cost Allocation

Service Description

- Sewer system operations provide sewer pumper truck services and collection of sewage through piping for treatment and disposal in subsurface soil absorption systems, as well as the 200W Lagoon. The geographic areas to be served are the 100B/C, 200, 300, and 600 Areas. MSC shall operate the Hanford Site sanitary sewer systems, including compliance sampling; maintenance of support structures, systems, and components; and performance of sewer administration duties in accordance with the State of Washington sanitary sewer regulations.
- MSC shall update the existing *Sewer System Master Plan*. The Plan shall document a strategy for managing repairs, life extensions, replacements, and deactivations for facilities and equipment for the sewer systems within the scope of this contract over a ten year planning horizon and shall be updated every two (2) years.
- Hanford Site contractors shall provide input to the *Sewer System Master Plan*.
- Legacy facilities that are returned to service will be treated as a base, unless special circumstances require facility upgrades.

Notes:

- The 100K Area, 200 Area ERDF, and 400 Area sanitary sewer systems will be operated and maintained by the PRC.

Usage-Based Services

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

Direct-Funded Services

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

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

Scope/Cost Allocation

Service Description

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

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

Usage-Based Services

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

Direct-Funded Services

- Management and oversight of Hanford sanitary, inert, and demolition waste landfills that are currently in operation or closed.
- Delivery of and disposal of sanitary waste for dumpsters is provided at no cost to Hanford Site contractors

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Site Business Management										
Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
45	Land-Use Planning and Management	Information / Service	Combination of Usage-Based and Direct-Funded	Mandatory (only for site selection and excavation permits)	Provide service	Request service from MSC and provide input	Request service from MSC and provide input	Request service from MSC and provide input per ICD 09 – Land for Siting	Request service from MSC and provide input	Receive service from and provide input to MSC, as applicable
Scope/Cost Allocation										
<p><u>Service Description</u></p> <p>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 <i>Comprehensive Land Use Plan [CLUP]</i>).</p> <ul style="list-style-type: none"> • MSC shall perform management of real property at the Hanford Site for DOE and coordinate the use of real property among Hanford Site contractors. MSC shall perform a range of real property activities, such as conducting land-use planning for areas and specific parcels; conducting reviews and integrating land-use requests for all new facilities, infrastructure systems, land improvements, or change of land use; conducting land management activities, including day-to-day implementation of the CLUP; managing land use requirements and beneficial reuse of land; and conducting real estate activities in the out-grant and disposal of real property or interests therein. • MSC shall implement the CLUP as directed or interpreted by DOE. MSC shall assess the need for updating the existing or developing new Area Management Plans and Resource Management Plans. In coordination with other Hanford Site contractors, the MSC shall develop new plans and update existing plans where applicable. • MSC shall administer and manage the Site Selection and Excavation Permit process. • MSC shall monitor and assess the use of real property to assure compliance with restrictions, such as institutional controls. • MSC shall manage real property by reviewing property uses, reclassifying land use and facilities, investigating and characterizing land, monitor misuse of property or encroachments, identifying orphan or unknown land uses (e.g., non-pristine land, hazards, and waste sites), dispositioning non-permitted activities; and tracking and documenting land-use occurrences and activities. • Hanford Site contractors shall support the land-use planning and management program as administered by the MSC, including providing input to the Ten Year Site Plan (TYSP). • MSC shall develop the TYSP for the Hanford Site in coordination with other Site contractors. <p><u>Usage-Based Services</u></p> <p>Excavation permits are provided as a usage-based service.</p>										

Direct-Funded Services

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

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

Scope/Cost Allocation

Service Description

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

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

Usage-Based Services

N/A

Direct-Funded Services

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

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

Scope/Cost Allocation

Service Description

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

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

Usage-Based Services

N/A

Direct-Funded Services

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

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

Scope/Cost Allocation

Service Description

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

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

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

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

Usage-Based Services

N/A

Direct-Funded Services

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

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

Scope/Cost Allocation

Service Description

CAS is used to assess the current material condition of its facilities, structures, systems, and equipment, and documents maintenance deficiencies. The assessment information for each assessed item is entered into the Condition Assessment Information System (CAIS), which provides an estimate of maintenance upgrade costs.

- MSC shall manage the Hanford Site CAS/CAIS and provide for the administration of and execution of the CAS inspection program in order to accurately evaluate the existing state of specific facilities and identifying the deferred maintenance liability.
- MSC shall coordinate all of the necessary inspection activities with the various site contractors that have eligible facilities for CAS inspections.
- MSC shall make the CAS data available to the mission contractors.
- Hanford Site contractors shall enable access to MSC for conducting on-site condition assessments.

Usage-Based Services

N/A

Direct-Funded Services

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

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

Scope/Cost Allocation

Service Description

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

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

Usage-Based Services

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

Direct-Funded Services

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

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

Scope/Cost Allocation

Service Description

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

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

Usage-Based Services

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

Direct-Funded Services

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

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
52	Hanford Site Pension Plan (HSPP) Hanford Site Savings Plan (HSSP) Hanford Employee Welfare Trust (HEWT)	Information	Direct-Funded	Interface	Sponsor and receive input from Pension and Savings Committee	Sponsor and deliver input to Pension and Savings Committee	Sponsor and deliver input to Pension and Savings Committee	Sponsor and deliver input to Pension and Savings Committee, HSPP only	Sponsor and deliver input to Pension and Savings Committee	PNNL Sponsor and deliver input to Pension and Savings Committee
Scope/Cost Allocation										
<p><u>Service Description</u></p> <ul style="list-style-type: none"> MSC shall provide administration for the HSPP, HSSP, and HEWT. Hanford Site participating sponsors provide funding and deliver input to the Pension and Savings Committee whose decisions are provided to the MSC. <p><u>Usage-Based Services</u></p> <p>N/A</p> <p><u>Direct-Funded Services</u></p> <p>MSC bears the cost burden of program administration. Contributions are allocated to the participating sponsors (Hanford Site contractors).</p> <p>Return to top</p>										

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
53	External Affairs	Information / Service	Direct-Funded	Interface	Provide service and receive support from Site contractors	Support MSC as applicable				
Scope/Cost Allocation										
<p><u>Service Description</u></p> <p>External Affairs includes assistance to DOE in its programs to communicate with outside entities for Hanford Site tours.</p> <ul style="list-style-type: none"> • MSC shall work with DOE to strategize, plan, arrange logistics for and conduct or support Hanford Site tours and visits to projects/facilities by external parties as requested. • MSC shall provide transportation, badging coordination, working with other Site contractors, as needed, and providing guides/speakers, handouts, and refreshments, as appropriate or as requested. • Hanford Site contractors shall provide technical staff support to MSC when their facilities or waste sites are visited, to include guides/speakers, and handouts, when the tour involves respective Hanford Site contractor workscope. • MSC shall support DOE's management of the Hanford web site. <p><u>Usage-Based Services</u></p> <p>N/A</p> <p><u>Direct-Funded Services</u></p> <p>MSC bears the cost burden of program administration. Hanford Site contractors bear internal implementation costs.</p> <p>Return to top</p>										

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

Scope/Cost Allocation

Service Description

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

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

Usage-Based Services

N/A

Direct-Funded Services

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

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

Scope/Cost Allocation

Service Description

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

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

Usage-Based Services

Service as described above.

Direct-Funded Services

N/A

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
56	Reproduction Services	Service	Usage-Based	Service - Large Volume: Mandatory. Convenience Copiers: Optional	Provide service to site contractors	Receive service from MSC	Receive service from MSC	Optional	Optional	Optional service (except DOE)
Scope/Cost Allocation										
<p><u>Service Description</u></p> <p>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.</p> <ul style="list-style-type: none"> • MSC shall provide printing, duplicating, binding, and reproduction services for the Hanford Site. • Hanford Site contractors shall be responsible for identifying convenience copier locations to the MSC and for costs incurred to utilize equipment provided through the MSC copier contract. • Hanford Site contractors shall request and provide requirements for service. <p><u>Usage-Based Services</u></p> <p>Service as described above.</p> <p><u>Direct-Funded Services</u></p> <p>N/A</p> <p>Return to top</p>										

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

Scope/Cost Allocation

Service Description

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

- MSC multi-media organization shall be a centralized resource for the Hanford Site. The contractor shall establish the standards and written procedures that shall be used by all Hanford Site contractors and DOE to inventory photographs, videos, etc, identified as records. The standards/procedures shall direct that all photos, videos, etc. taken or acquired are indexed, and that the images/photos are merged into a Hanford Site archive or clearinghouse.
- MSC shall conduct aerial photography of the Hanford Site (e.g., monthly), as directed by DOE.
- Whether using MSC, or procuring outside services, Hanford Site contractors shall:
 - Comply with Hanford Site multi-media standards
 - Provide multi-media records to the MSC.

Usage-Based Services

Service as described above.

Direct-Funded Services

N/A

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
58	Mail Services	Service	Direct-Funded	Mandatory	Provide service to site contractors	Receive service from MSC	Receive service from MSC	N/A	Receive service from MSC, as applicable	Receive service from MSC, as applicable
Scope/Cost Allocation										
<p><u>Service Description</u></p> <p>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.</p> <ul style="list-style-type: none"> • MSC shall provide for basic mail services, including postage fees, pickup and delivery of interplant and U.S. Postal mail to customers. The work scope includes the pickup, routing and delivery of interplant mail (i.e., mail that does not leave the Hanford Site). • MSC shall distribute and pickup mail at defined locations in the contractor's facilities. • Hanford Site contractors shall be responsible for mail distribution to contractor staff within their facility. <p><u>Usage-Based Services</u></p> <p>N/A</p> <p><u>Direct-Funded Services</u></p> <p>Service as described above.</p> <p>Return to top</p>										

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

Scope/Cost Allocation

Service Description

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

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

Usage-Based Services

N/A

Direct-Funded Services

Service as described above.

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Information Resources / Content (Records) Management (IR/CM)										
Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
60	Strategic Planning & Program Management	Information	Direct-Funded	Mandatory	Provide service to site contractors	Receive service from MSC	Receive service from MSC	Optional	Optional	Receive service from MSC, as applicable
Scope/Cost Allocation										
<p><u>Service Description</u></p> <p>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.</p> <ul style="list-style-type: none"> • MSC shall develop a <i>Computing and Telecommunications Strategic Plan</i>. • PRC and TOC shall provide input to the <i>Computing, Telecommunications, and Content (Records) Management Strategic Plan</i>. <p><u>Usage-Based Services</u></p> <p>N/A</p> <p><u>Direct-Funded Services</u></p> <p>MSC bears the cost burden of program administration. Hanford Site contractors bear internal implementation costs.</p> <p>Return to top</p>										

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

Scope/Cost Allocation

Service Description

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

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

Usage-Based Services

Service as described above.

Direct-Funded Services

N/A

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

Scope/Cost Allocation

Service Description

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

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

Usage-Based Services

Service as described above

Direct-Funded Services

N/A

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

Scope/Cost Allocation

Service Description

Radio Services for Crafts provides radio communication infrastructure and licensing.

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

Usage-Based Services

Service as described above.

Direct-Funded Services

N/A

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

Scope/Cost Allocation

Service Description

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

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

Usage-Based Services

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

Direct-Funded Services

Service as described above.

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

Scope/Cost Allocation

Service Description

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

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

Usage-Based Services

Service as described above

Direct-Funded Services

N/A

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

Scope/Cost Allocation

Service Description

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

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

Usage-Based Services

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

Direct-Funded Services

Service as described above.

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Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
67	Federal Records Inventory and Schedule Management	Information / Service	Combination of Usage-Based and Direct-Funded	Site-wide System – Mandatory Inventory & Scheduling Service - Optional	Provide service to and receive input from Site contractors	Deliver input to MSC	Deliver input to MSC	Optional	Deliver input to MSC	Deliver input to MSC, except PNNL
Scope/Cost Allocation										
<p><u>Service Description</u></p> <p>Inventory and Schedule Management provides the Hanford Site-wide RIDS database for inventorying and scheduling all Federal records for MSC and for designated contractors including those documenting the missions, programs, projects and all administrative functions. This work addresses all records (and non-records) originated or held by any of the covered contractors and includes records in all media, including electronic systems, databases, spreadsheets, microform, photo/negatives, hard copy paper, and all other formats and media.</p> <ul style="list-style-type: none"> • MSC shall provide Hanford Site-wide RIDS database for Hanford Site Federal records. • Other Hanford Site contractors shall provide RIDS database information. <p><u>Usage-Based Services</u></p> <p>Optional service beyond the basic service described above</p> <p><u>Direct-Funded Services</u></p> <p>Service as described above</p> <p>Return to top</p>										

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

Scope/Cost Allocation

Service Description

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

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

Usage-Based Services

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

Direct-Funded Services

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

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

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

Scope/Cost Allocation

Service Description

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

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

Usage-Based Services

N/A

Direct-Funded Services

Service as described above.

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Portfolio Management										
Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
70	Hanford Portfolio Planning, Analysis & Performance Assessment (Integrated Hanford Life-Cycle Clean-up Plan; [Hanford] Programmatic Risk Management Plan; P6 schedules, and State of the Site briefing)	Information	Direct-Funded	Interface	Receive input from Site contractors	Deliver input to MSC	Deliver input to MSC, except PNNL and DOE			
Scope/Cost Allocation										
<p><u>Service Description</u></p> <p>Hanford Portfolio Planning, Analysis & Performance Assessment consists of support to DOE-RL and DOE-ORP in maintaining the <i>Integrated Hanford Life-Cycle Clean-up Plan</i> that optimizes the mission life-cycle, enabling DOE to ensure cost and schedule efficiency while adequately anticipating and managing programmatic risk.</p> <ul style="list-style-type: none"> • MSC shall perform Hanford Site portfolio integration, provide simulation and optimizing analysis tools, and coordinate and assist with integrated scheduling and performance evaluation. • MSC shall develop an Integration Issues Management Plan, provide Hanford Portfolio Planning, develop and maintain an Integrated Hanford Life-Cycle Clean-up Plan, and shall evaluate project and program performance against the Integrated Hanford Life-cycle Baseline. • Hanford Site contractors shall provide information to the MSC as necessary to complete the Hanford Portfolio Planning, Analysis & Performance Assessment activities. <p><u>Usage-Based Services</u></p> <p>N/A</p> <p><u>Direct-Funded Services</u></p> <p>MSC bears the cost burden of program administration. Hanford Site contractors bear internal implementation costs.</p> <p>Return to top</p>										

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

Scope/Cost Allocation

Service Description

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

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

Usage-Based Services

N/A

Direct-Funded Services

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

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

Scope/Cost Allocation

Service Description

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

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

Usage-Based Services

N/A

Direct-Funded Services

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

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PRC SERVICES AND INTERFACE ACTIVITIES										
Solid and Liquid Waste Stabilization and Disposition										
Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
73	Waste forecast system - Solid Waste Information and Tracking System (SWITS) and Solid Waste Integrated Forecast Technical Database (SWIFT)	Information	Direct-Funded	Interface	Provide data to PRC	Receive data from Site contractors	Provide data to PRC	Provide data to TOC	Provide data to PRC	Provide data to PRC, except DOE
Scope/Cost Allocation										
<p><u>Service Description</u></p> <p>Waste forecast system identifies future quantities of hazardous and radioactive waste generation for wastes managed by the contract.</p> <ul style="list-style-type: none"> • PRC shall operate and maintain SWITS and SWIFT, and make available to other Site contractors. • Hanford Site contractors shall provide waste generation data. <p><u>Usage-Based Services</u></p> <p>N/A</p> <p><u>Direct-Funded Services</u></p> <p>PRC bears the cost burden of program administration. Hanford Site contractors bear internal implementation costs.</p> <p>Return to top</p>										

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

Scope/Cost Allocation

Service Description

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

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

Usage-Based Services

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

Direct-Funded Services

PRC provides ready-to-serve capability.

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WIPP CORE CHARACTERIZATION PROJECT SERVICES AND INTERFACE ACTIVITIES

Transuranic Waste Characterization and Certification

Interface Number	Interface Title	Interface Type	Cost Type	Service Type	WIPP Core Characterization Project (CCP)	MSC	PRC	TOC	WTP	RCCC	Other Contracts
75	Transuranic (TRU) and Transuranic Mixed Waste (TRUM) Packaging, Characterization, Certification, and Transportation	Information / Physical / Service	Combination of Usage-Based and Direct-Funded	Mandatory	Performs all Hanford TRU Waste Characterization and Certification activities.	N/A	Provides support to CCP characterization and certification activities. Receives waste from site users.	Package and deliver TRU to PRC	N/A	Package and deliver TRU to PRC	Except DOE, package and deliver TRU to PRC.
Scope/Cost Allocation											
<u>Service Description</u>											
This activity provides for TRU and TRUM certification and loading waste for shipment to the Waste isolation Pilot Plant (WIPP).											

- PRC shall receive waste from contractors, provides interim storage if required, certifies waste for shipment, prepares payloads, and loads waste for shipment to WIPP or other DOE Sites.
- Hanford Site contractors shall conduct and budget for packaging (if required by WAC) and transporting waste to PRC, and certify for WIPP and load waste for shipment to WIPP or other DOE Sites.
- CCP will provide, operate, and maintain RTR equipment, drum assay equipment, large box NDE/NDA equipment (if needed), and mobile loading equipment.
- CCP will operate and maintain the Hanford Super-HENC equipment for Standard Waste Box (SWB) assay.
- CCP will operate the Shipping and Receiving Bay within WRAP for TRUPACT loading. PRC will operate and maintain the balance of the WRAP facility.
- CCP will provide the equipment for and perform head space gas sampling (HSGS) and analysis.
- CCP will establish and implement appropriate ESH&Q programs to support CCP activities.
- PRC will perform initial (in-field) assay of retrieved waste, as necessary, to segregate TRU from non-TRU waste.
- PRC will perform all waste repackaging activities.
- PRC will provide facility records, packaging records, and other documents necessary for CCP to prepare waste certification packages.
- PRC will provide the necessary public release clearances for CCP generated documents.
- PRC will provide the infrastructure to support installation and operation of the CCP-provided RTR equipment, drum assay equipment, and mobile loading equipment.
- PRC will provide the facility and infrastructure to support the installation and operation of the large box NDE/NDA equipment, if needed.
- PRC will provide mobile crane and crane operator support for CCP mobile loading equipment.
- PRC shall receive TRU waste from other site users and provide interim storage if required.
- PRC will identify ESH&Q interfaces with CCP.
- Other Hanford Generators of TRU waste will provide TRU waste to PRC that complies with WIPP waste acceptance criteria.

Usage-Based Services

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

Direct-Funded Services

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

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

Scope/Cost Allocation

Service Description

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

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

Usage-Based Services

N/A

Direct-Funded Services

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

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

Scope/Cost Allocation

Service Description

This activity provides for storage of IHLW.

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

Usage-Based Services

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

Direct-Funded Services

PRC funds ready to serve operations of the CSB.

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

Scope/Cost Allocation

Service Description

This activity provides for disposal of ILAW.

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

Usage-Based Services

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

Direct-Funded Services

PRC provides ready-to-serve capability

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Groundwater and Vadose Zone Project										
Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
79	Groundwater/Vadose Zone Integration	Information / Service	Direct-Funded	Mandatory	Deliver to PRC	Receive from Site contractors	Deliver to PRC	N/A	Deliver to PRC	N/A
Scope/Cost Allocation										
<p><u>Service Description</u></p> <p>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.</p> <ul style="list-style-type: none"> • PRC shall conduct the groundwater/vadose zone integration project. • Hanford Site contractors shall participate in PRC periodic planning and coordination meetings; and deliver modeling and risk assessment information. Mission contractors shall provide comments on the annual update to the <i>Integrated Plan and Schedule for all soil and groundwater work</i>, and the annual <i>Groundwater Monitoring Report</i>. • 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 <i>Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA)</i> Groundwater and Deep Vadose Zone Remediation Activity Progress Reports. • Hanford Site contractors shall provide data/information to PRC on self-performed drill and sample soil borings that yield additional vadose zone characterization data. <p><u>Usage-Based Services</u></p> <p>N/A</p> <p><u>Direct-Funded Services</u></p> <p>PRC bears the cost burden of program administration. Hanford Site contractors bear internal implementation costs.</p> <p>Return to top</p>										

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

Scope/Cost Allocation

Service Description

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

- The PRC shall serve as Data Manager for the following information systems:
 - Hanford Environmental Information System (HEIS);
 - Sample Data Tracking (SDT) System;
 - Hanford Well Information System (HWIS);
 - Waste Information Data System (WIDS).
- The Hanford Site contractors shall provide data and support to the PRC, for the Hanford Sites contractor's facilities and activities, to support maintenance of the above listed Hanford-wide environmental databases. Hanford Site contractors supplying information/ data are responsible for data quality.

Usage-Based Services

N/A

Direct-Funded Services

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

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

Scope/Cost Allocation

Service Description

This activity includes drilling and decommissioning of Hanford Site wells.

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

Usage-Based Services

N/A

Direct-Funded Services

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

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Spent Nuclear Fuel										
Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
82	**Discontinued** Special Nuclear Fuel (SNF) Fragments Transportation	Physical	Direct-Funded	Mandatory	N/A	Receive from RCCC	N/A	N/A	Transfer to PRC	N/A
Scope/Cost Allocation										
<p>** All services discontinued as of August 29, 2016 with the transition of specific RCCC work scopes to PRC and the RCCC executing contract closeout.</p> <p>Service Description</p> <p>SNF fragments are safely stored.</p> <ul style="list-style-type: none"> RCCC shall package SNF fragments and transport to PRC. PRC shall receive packaged SNF fragments from RCCC. <p>Usage-Based Services</p> <p>N/A</p> <p>Direct-Funded Services</p> <p>PRC bears the cost burden of program administration. Hanford Site contractors bear internal implementation costs.</p> <p>Return to top</p>										

TOC SERVICES AND INTERFACE ACTIVITIES										
Base Operations										
Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
83	Tank Farm Projects Double Shell Tank (DST) System Management	Information	Direct-Funded	Interface	N/A	N/A	Integrate with WTP	Deliver input to TOC	N/A	N/A
Scope/Cost Allocation										
<p><u>Service Description</u></p> <p>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.</p> <ul style="list-style-type: none"> • TOC shall integrate with the WTP contractor, develop the <i>Integrated Waste Feed Delivery Plan</i>, and the <i>River Protection Project System Plan</i>, and operate the DST system. • WTP shall provide input for feed delivery integration. <p><u>Usage-Based Services</u></p> <p>N/A</p> <p><u>Direct-Funded Services</u></p> <p>TOC bears the cost burden of program administration.</p> <p>Return to top</p>										

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

Scope/Cost Allocation

Service Description

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

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

Usage-Based Services

Service as described above

Direct-Funded Services

N/A

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

Scope/Cost Allocation

Service Description

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

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

Usage-Based Services

N/A

Direct-Funded Services

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

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

Scope/Cost Allocation

Service Description

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

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

Usage-Based Services

N/A

Direct-Funded Services

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

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

Scope/Cost Allocation

Service Description

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

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

Usage-Based Services

N/A

Direct-Funded Services

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

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Waste Treatment and Immobilization Plant Support										
Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
88	WTP Support	Information / Service	Direct-Funded	Mandatory and Interface	Provide services to WTP	Provide services to WTP	Coordinate and provide services to WTP	Receive service from and provide input to TOC	N/A	N/A
Scope/Cost Allocation										
<p><u>Service Description</u></p> <p>WTP interface provides support for WTP construction.</p> <ul style="list-style-type: none"> • MSC, PRC, and TOC will participate with WTP in the revision and approval of WTP Interface Control Documents (ICDs). • TOC shall be responsible for coordinating, planning, and paying for the WTP contractor's requirements for infrastructure, utility, and service support from the MSC and PRC as identified in the J-3 Hanford Site Services and Interface Requirements Matrix. • ICDs identify interface requirements, technical and service gaps, and document issues in order to support efficient and timely construction, startup, commissioning, and operation of WTP. ICDs do not represent contractual obligations between the executing parties or the government. • WTP shall maintain WTP Interface Control Documents. WTP ICDs include: 										

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- ICD 1, *Raw Water*
- ICD 2, *Potable Water*
- ICD 3, *Radioactive Solid Wastes*
- ICD 5, *Non-Radioactive, Non-Dangerous Liquid Effluents*
- ICD 6, *Radioactive Dangerous Liquid Effluents*
- ICD 9, *Land for Siting*
- ICD 11, *Electricity*
- ICD 12, *Roads*
- ICD 14, *Immobilized High-Level Waste*
- ICD 15, *Immobilized Low-Activity Waste*
- ICD 19, *Low-Activity Waste Feed*
- ICD 23, *Waste Treatability Samples*
- ICD 28, *Pit 30 Aggregate Supply for Construction*
- ICD 29, *Waste Sodium*
- IDC 30, *Direct LAW Feed*
- ICD 31, *DFLAW Effluent Returns to Double-Shell Tanks*

Usage-Based Services

N/A

Direct-Funded Services

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

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OTHER DOE DIRECT-CONTRACTED SERVICES										
Interface Number	Interface Title	Interface Type	Cost Type	Service Type	MSC	PRC	TOC	WTP	RCCC	Other Contracts
89	Janitorial Service	Service	General and Administrative (G&A) cost for each contract.	Optional	Receive service	Receive service	Receive service	N/A	Receive service	Receive service
Scope/Cost Allocation										
<p><u>Service Description</u></p> <p>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.</p> <p><u>Usage-Based Services</u></p> <p>N/A</p> <p><u>Direct-Funded Services</u></p> <p>N/A</p> <p>Return to top</p>										

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

Scope/Cost Allocation

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

Usage-Based Services
 N/A

Direct-Funded Services
 N/A

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

Scope/Cost Allocation

Service Description

The Occupational Health Services Contractor (OHSC), under a separate prime contract to DOE-RL, provides occupational health services through health risk management and occupational health services to personnel at Hanford. The contractor has the lead to coordinate Health Risk Management program teams with the Site in identifying and analyzing the hazards that Hanford personnel face in the work environment and brings an awareness of health and safety issues to DOE, Hanford Site contractors, and others.

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

Usage-Based Services

N/A

Direct-Funded Services

N/A

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

Scope/Cost Allocation

Service Description

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

Usage-Based Services

N/A

Direct-Funded Services

N/A

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

Scope/Cost Allocation

Service Description

PNNL is one of five Office of Science multi-program laboratories that conduct research and development activities. Some of the programs conducted at PNNL are part of the DOE Office of Science laboratory system and require no integration with the Hanford DOE Office of Environmental Management programs; however, many of the research and technology development programs have direct relevance to the Hanford cleanup mission. As applicable, the contractor is encouraged to utilize the scientific and technical capabilities available from PNNL and work directly with PNNL to maximize the benefit to Hanford from the National research and development program.

Usage-Based Services

Service as described above.

Direct-Funded Services

N/A

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

Scope/Cost Allocation

Service Description

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

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

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

Usage-Based Services

N/A

Direct-Funded Services

N/A

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

Scope/Cost Allocation

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

Usage-Based Services
 N/A

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

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

Scope/Cost Allocation

Service Description

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

Usage-Based Services

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

Direct-Funded Services

N/A

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

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