



Statement of Work
For
General Materials or Services

Title: Environmental Program Support

Date: 11/16/2021

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Signature Page Only

APPROVALS	PRINT NAME	SIGNATURE
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* Approval for Technical Content

Based on the Hazardous Review and Identification Checklist to identify Subject Matter Experts (SMEs), the following approvals are applicable to this Statement of Work. (Note: hard copy signatures are made PDF and files in the notes panel of the Asset Suite requisition).

Signature Required	No Signature Required	ORGANIZATION	PRINT NAME	SIGNATURE
	x	End-User / Requestor		
	x	End User / Requesting Manager (Project of Functional Director)		
	x	Environmental*		
	x	Radiation Protection		
	x	Industrial Safety and Health		
	x	Fire Protection		
	x	Chemical Management		
	x	Emergency Preparedness		
		Information Management (IM/IT APPR)	Must be approved in Asset Suite	Must be approved in Asset Suite
		Quality Assurance Engineer (QAE APPR)	Must be approved in Asset Suite	Must be approved in Asset Suite
		Engineering/Design Authority (DA/ENG APPR)	Must be approved in Asset Suite	Must be approved in Asset Suite



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1 INTRODUCTION / BACKGROUND

The Department of Energy, Richland Operations Office, (DOE-RL) manages the Hanford Site working toward protecting the workers, public, and environment by further reducing risk, as well as providing the necessary infrastructure for continued safe and effective cleanup operations, access and use. This is accomplished by work performed by contractors and subcontractors, to ensure the safety of Hanford cleanup.

As a Prime Contractor to the U.S. Department of Energy, Hanford Mission Integration Solutions (HMIS) is responsible for providing direct support to the DOE-RL and its contractors with cost effective infrastructure and site services integral and necessary to accomplish the Hanford Site environmental cleanup mission.

HMIS Environmental organization provides an array of environmental and safety related services and recordkeeping that are critical to protecting the health and safety of Hanford workers, the public, and the environment. The programs are divided into two components Environmental Field Support and Program and Regulatory Compliance with areas of discipline that includes Land Management, Natural Resources Damage Assessment, Cultural and Historic Resources, Ecological Monitoring and Compliance, Mitigation, Environmental Monitoring, National Environmental Policy Act (NEPA), Regulatory Management, Permitting and Compliance.

1.1 OBJECTIVE

HMIS Environmental requires the services of an experienced subcontractor to provide support from numerous subject matter discipline experts and support, equipment, and facilities for an array of environmental activities including NEPA, monitoring, surveillance, compliance, consultation, and inspections.

The Subcontractor shall demonstrate the capability to provide technical expertise, required equipment, and facilities to support HMIS with various tasks as outlined in Section 1.3 with Environmental Monitoring, NEPA, Cultural Resources Management and Compliance, Ecological Monitoring and Compliance.

1.2 DESCRIPTION OF WORK - GENERAL

The subcontractor shall provide technically qualified resources that work as a part of a team under the direct oversight of HMIS. Subcontractor resources shall be responsible for independently planning, organizing, and performing a wide variety of non-hazardous specialized administrative/technical duties in support of the successful completion of goals and deliverables. Additionally, the subcontractor shall furnish all necessary labor, technical and professional services, supervision, materials, tools, equipment, consumables, and payment of any applicable taxes to perform all operations necessary and required to perform the scope as directed by HMIS

Unless otherwise approved, the subcontractor shall work in accordance with HMIS subcontract requirements, operating policies and procedures and shall be responsible for execution of the work in accordance with the quality standards and requirements specified for assigned project and facility.

1.3 DESCRIPTION OF WORK - SPECIFIC

Specifically, HMIS requires a subcontractor to provide:

Environmental Monitoring:

- Assist in development of the technical basis, defensibility, sample design, and coordination of sample collection in support of environmental monitoring program to meet the requirements of DOE-HDBK-1216-2015 to ensure compliance with DOE O 458.1 *Radiation Protection of the Public and the Environment*.
- Support HMIS with timely and accurate review of analytical data results. Notify HMIS immediately in writing (email is sufficient) upon receipt of anomalous data results, as specified by DOE O 458.1, *Radiation Protection of the Public and the Environment*.
- Assist in the assessment of impacts and risks of Hanford contaminants on human health and the environment for the Annual Site Environmental Report (ASER) and in support of Hanford activities.
- Assist with the performance of cumulative assessments of on-site and off-site environmental impacts and off-site human health exposures from Hanford Site operations. Assist in the characterization of the pathways of exposure to members of the public, the exposures and doses to individuals, the nearby population, recreationist, and tribal members. Additional scenarios may be requested.
- Assist in ensuring that environmental monitoring data is technically sound and defensible for use in dose reconstruction efforts, damage assessments, site characterizations performed in conjunction with ongoing site environmental restoration activities, surveillance of biological impact, and contaminant transport model verification.
- Assist with conducting the environmental monitoring program in an integrated fashion to preclude collection of duplicative environmental data. Provide continuous improvement and recommendations for program improvements.
- Compose sections of the Hanford *Annual Site Environmental Report* that documents Hanford Site environmental compliance status, environmental conditions on and around the Hanford Site, and the potential off-site public radiological exposure resulting from Hanford operations. Author contribution to annual reports is intended for public consumption shall be completed by the identified due dates, ensure information is technically accurate, and well written.

- Actively contribute to the preparation of the *Hanford Site Environmental Surveillance Master Sampling Schedule* by the identified due dates.
- Assist with development of software functional requirements, testing, and verification.
- Stay aware of and current with all Hanford Analytical Services Quality Assurance Requirements Document (HASQARD) volume revisions and ensure methods of sample collection, analysis, interpretation, and reporting are consistent across the Hanford Site as appropriate to assure usability, consistency and comparability of the data with other DOE Hanford projects and Hanford Site contractors.
- Provide written recommendations, as requested that align the environmental monitoring program with the needs of the environmental cleanup, restoration, and assessment activities at the Hanford Site since the information generated by the program is extensively used by site contractors. Provide recommendations as requested on strategies and methods to evaluate potential impacts to the biota in vicinity of DOE activities.
- Assist or perform sample management including sample tracking, data verification, problem resolution, database uploading, vendor invoice review, and sample disposal requests, assist or perform records review, administration, and handling.
- Assist with, actively participate in, and document Pre and Post Job Reviews.
- Assist with coordination of sample collection with sample collection staff including providing list of containers, establishment of collection dates, payment of samples and decontamination of sampling equipment.
- Subcontractor shall provide equipment as listed to support Environmental Monitoring Program as needed as follows:
 - At least one boat available to fully support the collection of samples identified in the annual master sampling schedule. Boat equipment shall include but not be limited to davit, depth finder, mechanical anchor pulling system, buoy buddy (or equivalent), portable eye wash station, personal flotation devices, and enclosure for worker protection when needed. United States Coast Guard Certified or contractor approved equivalent boat captains with at least 45 days working experience on free flowing waters like the Hanford Reach of the Columbia River and use of primitive boat launches in the last 2 years.
 - At least one boat equipped with electrofishing equipment.
 - Contractor shall provide boat, equipment, and staff expertise to execute electrofishing on the Columbia River when needed.
 - All subcontractor boats shall be transported with subcontractor provided vehicles.

- Subcontractor shall provide facilities as listed to support Environmental Monitoring Program as needed as follows:
 - Department of Health Radiological Materials License and certified Radiological fume hood to safely process potentially radioactive samples in a fully functioning processing laboratory that includes chemical use, storage, and inventory, decontamination equipment and supplies, sample processing, sample packaging, waste management, and ice machine. Laboratory shall include calibrated equipment including small scale, large scale, calibrated weights for calibration checks, thermometers, and spring scales. Laboratory and equipment shall be available for HMIS staff to assist with sample preparations and processing.
 - Sample processing laboratory and equipment available for HMIS staff to process samples including fish and wildlife medias. Freezer storage, processing of excess biota sample materials, and disposal pathway. Processing laboratory shall have direct access to HLAN network via hard line or WIFI or machines capable of accessing internet and remoting into the HLAN network.
 - Facility shall provide deionized water and ice for sample transport.
 - Coordinate and facilitate location of food and farm sample collection locations and make sample media payments and tracking.
 - Secured and locked sample storage area including temperature controlled and checked freezers to ensure sample security. Sample storage area to be accessible by HMIS when needed.
 - Enclosed and secured equipment and supply storage area and sampling equipment decontamination capabilities.

Ecological Monitoring and Compliance

- Assist with monitoring the abundance, vigor, and distribution of plant, animal, and habitats on the Hanford Site. Assist with evaluating the cumulative impacts of Site operations on these resources and provide recommendations for mitigation of those impacts. If analysis indicates that impacts to biological resources may have occurred due to Hanford operations assist HMIS with preparation of notification to the Department of Energy.
- Provide technical expertise and contribution to development of species specific and landscape level ecological resource monitoring strategies and methods. Assist with the execution of monitoring plans including field surveys; on ground, aerial, and aquatic surveys.
- Conduct waste site and post mitigation native revegetation monitoring using Daubenmire plots and shrub survival transects. Provide weekly status of work completion and copy of electronic data collected.

- Compose site specific revegetation plans for arid native restorations to meet the requirements of DOE/RL-2011-116.
- Proactively stay knowledgeable about proposed and implemented regulatory changes and federal and state agency best management practices that could influence or impact the Hanford site.
- Assist with ecological compliance review process for Hanford-related operations and cleanup activities; including literature reviews, field surveys to identify and document resources within the project areas, mapping of resources, quantify potential ecological impacts, prescribe appropriate mitigations, and compose findings into project specific clearances. Maintain ecological compliance review information as record files and ensure Ecological Compliance Database is kept up to date. Compose clearance letters to outline requirements to ensure projects are compliant to the extent practicable in with Federal and applicable state wildlife protection laws and regulations and follow requirements outlined in the Hanford Site Biological Resources Management Plan.
- Complete alternative analysis of possible project alternatives for potential impacts to resources based on the Hanford Site Biological Resources Management Plan DOE/RL-96-32.
- Conduct assessments, as requested to determine compliance with Ecological Compliance Reviews. Assessments include development of an assessment plan, field evaluation of conditions, and composition of results into final assessment using electronic systems. Assist with resolution of corrective actions as needed.
- Assist in the maintenance of ecological resources databases, including data entry, verification, and geographic information system (GIS) data layer development.
- Assist with software functional requirements, testing, and verification as needed.
- Assist HMIS to characterize and define changes or trends in the condition of Hanford biological resources that may result from causes external to the Hanford Site.
- Assist with defining and mapping significant habitats and species distribution for use in land use planning, ecological risk assessment, and mitigation action planning.
- Assist in performing surveys and monitor compliance with applicable requirements during the appropriate times of the year to document any changes to protected biological resources, species, and habitats.
- Develop characterization methods and apply these methods to determine individual organism health in species with high potentials for exposure and uptake of contaminants in coordination with contaminate monitoring activities conducted through the Environmental Surveillance function.
- Assist, as requested the Hanford fire and emergency response activities by providing information on Hanford Ecological Resources including sensitive species and habitat, as needed.

- Assist with development of monitoring plans and implementation of monitoring status of Federal, state sensitive species, and important resources found or potentially found on the Hanford Site.
- Assist with Endangered Species Act consultations and Wild and Scenic Rivers Act notifications as required in support of compliance reviews.
- Support HMIS in documentation needed to make notification to DOE within five (5) working days and provide in writing within ten (10) working days' recommendations on actions DOE should take to comply with the Endangered Species Act, for potential listing if a species is found or potentially found on the Hanford Site.
- Support efforts to determine if injuries have occurred to Hanford natural resources including threatened and endangered species or populations on the Hanford Site and the Columbia River. Injuries are defined by the CERCLA Natural Resource Damage Regulations and Guidance.
- Compose clear, concise, reports that document monitoring methods, objectives, findings, and recommendations within the due dates assigned. Reports shall be well written and technically sound.
- Develop and provide GIS maps and graphics for use in HMIS reports, compliance letters and supporting documentation. Maintain mapping files in an HMIS geodatabase.
- Complete Geospatial analysis of existing GIS data as needed to support monitoring planning, NEPA, mitigation and restoration planning.

NEPA Support

- Assist the HMIS NEPA Program Manager in interpreting NEPA regulations, providing recommendations to the Department of Energy (DOE) levels of NEPA review and documentation, and preparing or reviewing NEPA documentation.
- Interface and coordinate with internal environmental SMEs, external regulatory agencies, DOE, and other Hanford contractors to ensure the early integration of NEPA into project planning.
- Work with interdisciplinary teams of SMEs to ensure proper review, coordination, and compliance with environmental regulations and permits under NEPA and Washington State Environmental Policy Act (SEPA).
- Document coverage for HMIS activities in existing NEPA or CERCLA documents, prepare NEPA Categorical Exclusions (Activity Specific and Annual CXs), and provide recommendations for preparation of Environmental Assessments (EAs) and Environmental Impact Statements (EISs). Submit recommendations for DOE NEPA Compliance Officer review and approval.
- Complete activity specific and annual Categorical exclusions (Cx)



- Assist in the preparation of EAs, EISs, Supplement Analyses (SAs), and Supplemental Environmental Impact Statements (SEISs); including associated findings of no significant impact (FONSIs) and records of decision (RODs).
- Review NEPA documentation prepared by others and submitted to DOE for content and compliance and make recommendations to DOE for edits/changes.
- Develop and implement NEPA compliance protocols, policies, and procedures.
- Develop and implement employee training on NEPA requirements, processes, and documentation.
- Develop a NEPA project file and administrative record management system; including annual assessments of adequacy to meet regulatory requirements and DOE expectations.
- Provide annual reporting of the status of ongoing and expected NEPA documents; including annual updates to the NEPA section of the Hanford Annual Site Environmental Report.
- Conduct periodic management assessments of the NEPA compliance program and identify corrective actions and opportunities for improvement.

Cultural Resources Management

HMIS requires support from qualified archaeologists (Senior Archaeologist, Professional Archaeologist, and Archaeologist) to support the Cultural and Historic Resource Protection (CHRP) program in fieldwork, data collection, site recordation, reporting, and site monitoring.

The Subcontractor shall provide as requested technical support to HMIS to assist DOE in meeting the requirements of Section 106 of the National Historic Preservation Act (NHPA) specific to reviewing project activities conducted on the Hanford Site and analyzing impacts to cultural resources from project activities. Support is needed as follows:

- Compile documentation and make available to support determinations of the potential impacts of planned Hanford Site activities prior to initiating operations
- Integrate cultural resource activities in coordination and communication with Hanford Site contractors, Tribal Nations cultural representatives, and, as needed, stakeholders and interested parties
- Conduct Cultural Resources Awareness and Cultural Resources Management (CRM) training for Hanford Site contractors, and update and maintain the DOE-RL Cultural Resources Training modules, as needed

- Assist with the a long-term monitoring and reporting at National Register and National Register-eligible sites, archaeological sites with human remains, and high risk archaeological areas
- Assist with the minimization of impacts to National Register-eligible sites, archaeological sites with human remains, and high risk archaeological areas by Hanford Site activities
- Coordinate fieldwork and surveys with other Hanford Site contractors, Tribal Nations cultural representatives, and as needed, stakeholders and interested parties
- Evaluate and document impacts to protected resources, as required by NHPA, American Indian Religious Freedom Act (AIRFA), Archaeological Resources Protection Act (ARPA), Native American Grave Protection and Repatriation Act (NAGPRA), and Executive Order 13007, *Indian Sacred Sites*, as directed by DOE-RL;
- Coordinate, assess, and provide mitigation options to DOE-RL for sites impacted by natural or man-caused actions
- Assist the Hanford fire and emergency response activities by providing information on sensitive cultural areas, as needed
- Support cultural issues meetings including preparing presentation materials, presenting information, and addressing comments as needed
- Contributing author to cultural reports, documents, and evaluations
- Assist HMIS with compliance with NHPA Section 106 Memorandum of Agreements (MOA), Programmatic Agreements, and cultural management plans
- Conduct and complete NHPA Section 106 Reviews for the Hanford Site contractors
- Assis with maintaining the Hanford Site cultural resource project and site field, reference library, databases, and digital archives, including the Geographical Information Systems (GIS) database. Provide records in accordance with the procedure
- Contribute information to the repository of artifacts and their associated files that are collected as a result of archaeological field work and surveys
- Process and analyze artifacts collected as a result of field work and surveys.

Senior Archaeologist would:

- Ensure that all cultural resources work conducted on the Hanford Site is in compliance with all applicable cultural resource laws and regulations;
- Interface between HMIS and OHCs to provide cultural resources services to other Hanford Site contractors;
- Contact Project Managers and/or project staff to coordinate information needed for cultural reviews, as directed;
- Prepare National Historic Preservation Act (NHPA) compliance reports and supporting documentation necessary to protect or mitigate significant archaeological, historic, and Native American sites;
- Conduct field work (e.g., survey, site testing, site evaluation, data recovery, construction site monitoring, and archaeological site condition monitoring) as required to meet project schedules;
- Contact regulatory agency personnel such as the Washington State Historic Preservation Office (SHPO), as needed, for cultural reviews;
- Interact with area Tribes and other interested parties to allow for involvement in the HMIS CHRP program;
- Issue a clearance finding for projects;
- Interface with National Environmental Policy Act (NEPA) reviews and provide documentation to aid DOE in reaching NEPA determinations;
- Serve as peer/technical reviewer for CHRP staff for internal and external documents to ensure quality.
- Conduct site condition monitoring or otherwise participate in CHRP Section 110 program, as directed;
- Participate in site-wide Cultural Resources planning efforts (e.g., contractor interface meetings, Programmatic Agreements, review Master Plans, etc.), as directed;
- Integrate and interface with DOE-RL, HMIS, Hanford Site contractors as well as area Tribes;
- Provide input to Weekly Status reports to EIS Management;
- As part of the team attend DOE-RL all contractor meetings, monthly DOE Cultural Resources Meeting, bi-weekly meeting with the Wanapum, weekly status and schedule meeting with DOE-RL, and bi-weekly contractor status update meetings; and direct, specific meetings, as directed;
- Assist with management of the archaeological collections, as directed;
- Provide support for preservation planning for future land use on the Hanford Site, as directed;
- Assist DOE-RL and CHRP staff with interpretive program development, public education, conducting cultural tours, and cultural sensitivity training on the Hanford Site, as needed;
- Conduct research on Hanford Site cultural resources and present results in academic, scientific, and public forums, as needed;

- In consultation with team, identify Cultural Resources Review (CRR) needs for all DOE-RL, HMIS, and OHC projects, as well as HMIS supported projects, and develop strategies, schedules, and assist in level of effort estimates to meet those needs;
- Coordinate staff and resources for efficient completion of project reviews and CHRP program duties, as assigned;
- Establish consistency in applying cultural resource review requirements – may be named point of contact to outside parties to ensure consistency, as needed;
- Provide technical advice on reporting requirements and assist in coordinating and standardizing CHRP documents, as needed;
- Monitor and coordinate project Section 106 compliance efforts for projects, as directed;
- Assist in the updating of tracking report for CHRP document reviews to confirm actions taken, maintain schedules, and report problems to DOE-RL and HMIS management;
- Assist in providing weekly status for archaeological field work conducted on the Hanford Site in a Field Forecast/Calendar;
- Represent the team in reporting the status of project Cultural Resource Reviews to Environmental Management, other HMIS organizations, or OHCs, as directed;
- Participate in efforts to integrate the CHRP program into the larger Environmental organization and other environmental reviews;

Professional Archaeologist would:

- Ensure that all cultural resources work conducted on the Hanford Site is in compliance with all applicable cultural resource laws and regulations;
- Interface between HMIS and OHCs to provide cultural resources services to other Hanford Site contractors;
- Contact Project Managers and/or project staff to coordinate information needed for cultural reviews, as directed;
- Prepare National Historic Preservation Act (NHPA) compliance reports and supporting documentation necessary to protect or mitigate significant archaeological, historic, and Native American sites;
- Conduct field work (e.g., survey, site testing, site evaluation, data recovery, construction site monitoring, and archaeological site condition monitoring) as required to meet project schedules;
- Contact regulatory agency personnel such as the Washington State Historic Preservation Office (SHPO), as directed, for cultural reviews;
- Interact with area Tribes and other interested parties to allow for involvement in the HMIS CHRP program;
- Draft clearance findings for projects;
- Interface with National Environmental Policy Act (NEPA) reviews and provide documentation to aid DOE in reaching NEPA determinations;
- Conduct site condition monitoring or otherwise participate in CHRP Section 110 program, as directed;

- Participate in site-wide Cultural Resources planning efforts (e.g. contractor interface meetings, Programmatic Agreements, review Master Plans, etc.), as directed;
- Provide input to Weekly Status reports to Environmental Management;
- As part of the team, attend DOE-RL all contractor meetings, monthly DOE Cultural Resources Meeting, bi-weekly meeting with the Wanapum, weekly status and schedule meeting with DOE-RL, and bi-weekly contractor status update meetings; and direct, specific meetings, as directed;
- Assist with management of the archaeological collections, as directed;
- Assist DOE-RL and CHRP staff with interpretive program development, public education, conducting cultural tours, and cultural sensitivity training on the Hanford Site, as needed;
- Conduct research on Hanford Site cultural resources and present results in academic, scientific, and public forums, as needed;
- Assist in providing weekly status for archaeological field work conducted on the Hanford Site in a Field Forecast/Calendar;

Archaeologist would:

- Under the direction of staff, conduct field work (e.g., survey, site testing, site evaluation, data recovery, construction site monitoring, and archaeological site condition monitoring);
- Record field data on electronic systems or paper forms, as assigned.

Boat and Captain Support for Monitoring and Inspections

Subcontractor shall provide a boats and captains. The depth of the Columbia River can vary significantly and be extremely shallow in places (i.e., 2 feet deep or less). The following features of the boat are required to safely meet the objectives:

- United States Coast Guard Certified or contractor approved equivalent boat captains with at least 45 days working experience on free flowing waters like the Hanford Reach of the Columbia River and use of primitive boat launches in the last 2 years.
- United States Coast Guard Certified or contractor approved equivalent boat captains with at least 45 days working experience on free flowing waters like the Hanford Reach of the Columbia River and use of primitive boat launches in the last 2 years.
- Aluminum hulled boat with an outboard jet or propeller drive capable of being elevated to avoid running aground in shallow water or hitting large boulders on the river bottom.
- Enclosed/covered cabin area for protection from the weather (i.e., sun, wind, rain, etc.).
- Boat or boats sized to safely and comfortably transport a maximum of nine people and their gear (i.e., back packs, cameras, lunches, etc.).

- Boat equipped with a depth finder or other means to monitor depth of water.
- Boat equipped with personal safety equipment (e.g., life preservers, life vests, other approved personal flotation devices, etc.).
- Boat equipped with other safety equipment (e.g., first aid kit, fire extinguisher, anchor, etc.)

2 DELIVERABLES/SUBMITTALS

2.1 Deliverables

Will deliverables be required to be furnished by the Subcontractor: Yes- For any work performed on the Hanford Site or any HMIS controlled facility, the provisions of the On-Site Services shall apply to the subcontract personnel

Monthly report summarizing work completed due by 10th calendar day and also included with monthly invoices.

Dose modeling input files, final model output files, and short summary paper of results shall be provided to HMIS within 45 days of task completion.

An annual evaluation of the radiation dose model being used and provide white paper to HMIS with findings and recommendations by January 15 of each year.

Site specific revegetation plans by the due dates established between HMIS and vendor.

Project specific Ecological Compliance Reviews completed electronically in the HMIS Ecological Compliance Review Database.

Project specific GIS maps for Cultural and Ecological Compliance Reviews and projects.

Species specific monitoring plans that include objective, methods, and results.

Species specific monitoring reports that document findings from monitoring executed per monitoring plans.

Cultural Resources Monitoring Reports

Cultural Resources Reports

Archaeological Site Forms



GIS Field data maps

GIS project area maps and associated data

Annual food and farm fee schedule by April 1 of each year

Activity specific Cx

Annual Cx

Written substantive comments from EIS reviews

Environmental Assessment preparation

2.2 Submittals

Not applicable

3 PLACE OF PERFORMANCE

Will work be performed on the Hanford site: Yes- For any work performed on the Hanford Site or any HMIS controlled facility, the provisions of the On-Site Services shall apply to the subcontract personnel.

3.1 Onsite Work Location/Potential Access Requirements

The primary work location under this subcontract shall be primarily at the vendors provided facility and Hanford field work. Attendance to meetings will be required at HMIS facilities.

3.2 Site Access And Work Hours

Hanford personnel at the Hanford Site work a standard 4/10 schedule. The standard work week consist of ten (10) hours of work between 6:00 a.m. and 4:30 p.m. with one-half hour designated as an unpaid period for lunch, Monday through Thursday.

Work performed outside normal operating hours shall be coordinated and/or approved through the BTR and/or the Contract Specialist prior to performing the work.

3.3 Badging

For any on-site work, see On-Site Services Special Provisions for details. The subcontractor shall wear a Buyer issued security badge identifying themselves. A minimum of two (2) working days advance notice is needed for site badging. Subcontractor employees will be required to submit to vehicle searches and not personally carry or transport certain prohibited articles.



4 REQUIREMENTS

The requirements listed below are to identify specific standards the subcontractor and subcontractor personnel will be obligated to work to in support of this statement of work.

4.1 Engineering Requirements

Engineering requirements applicable: No

4.2 Environmental, Safety, and Health Requirements

The Subcontractor shall perform work safely, in a manner that ensures adequate protection for employees, the public, and the environment, and shall be accountable for the safe performance of work. The Subcontractor shall comply with and assist the Buyer in complying with environmental and safety requirements of all applicable laws, regulations, and directives.

The subcontractor shall exercise a degree of care commensurate with the work and the associated hazards. The Subcontractor shall ensure that management of environmental and safety functions and activities is an integral and visible part of the Subcontractor's work planning and execution processes. As a minimum, the Subcontractor shall:

- Thoroughly review the defined scope of work;
- Identify hazards and environmental and safety requirements;
- Analyze hazards and implement controls;
- Perform work within controls; and
- Provide feedback on adequacy of controls and continue to improve safety management.

The Subcontractor shall flow down all environmental and safety requirements to the lowest tier Subcontractor performing work on the Hanford site commensurate with the risk and complexity of the work.

Prior to start of work the Subcontractor shall work with the HMIS BTR to do a Job Hazard Analysis (JHA).

All Subcontractor and sub-tier employees shall have completed OSHA Hazard Communication training that meets the requirements of [HMIS-PRO-SP-13299](#), *Hazard Communication*. See [HMIS-PRO-SP-10468](#), *Chemical Management Process*, for more information.

Subcontractors and its lower-tier subcontractors shall be responsible to complete an Employee Job Task Analysis (EJTA) in accordance with [HMIS-PRO-SP-11058](#) for any of the following situations:

- For any subcontractor employee who will be on the Hanford Site for more than 30 days in a year.

- For any subcontractor employee who may potentially be exposed to hazards (e.g. radiological, beryllium, hazardous wastes, noise) while performing in accordance with the subcontract statement of work.
- For any subcontractor employee enrolled in a medical or exposure monitoring program required by 10 CFR 851, and/or any other applicable federal, state or local regulation or other obligation.

If any of the above conditions are met, the Subcontractor and its lower-tier subcontractor employee is to have a current approved EJTA prior to that employee beginning work on the Hanford Site.

Buyer’s Safety and Health Procedures are available on the internet at <https://www.hanford.gov/pmm/page.cfm/ContractorForms>. The documents on this site are kept current and are available for Subcontractors and lower-tier Subcontractor use.

Unique or specific requirements: **No**

4.3 Quality Assurance Requirements

The work activities for this Statement of Work (SOW) has been designated as a Quality Level G - Q Level 0 - GS. The subcontractor shall be responsible for performing quality workmanship and shall conduct the quality control measures necessary to ensure work conforms to referenced codes and standards, and other requirements defined in this SOW.

Table 2. Quality Assurance Requirements

	Number	Title
1.	DOE/RL-96-68	HASQARD

5 ACCEPTANCE CRITERIA

Monthly report summarizing work completed due by 10th calendar day that captures ongoing and completed actions.

Dose modeling input files, final model output files, and short summary paper of results shall be provided to HMIS within 45 days of task completion. Modeling shall include all exposure scenarios as agreed upon with HMIS.

An annual evaluation of the radiation dose model being used and provide white paper to HMIS with findings and recommendations by January 15 of each year. Evaluation should include summarization of adequacy of current model and alternatives considered as a replacement with pros and cons of each.

Site specific revegetation plans by the due dates established between HMIS and vendor. Site-specific revegetation plans written by the vendor will be delivered in Word Document and PDF form by the due date specified by HMIS. Site-specific revegetation plans will include a site description, site map,



revegetation requirements, roles and responsibilities, and revegetation goals and success criteria. The plan will contain a revegetation strategy that includes a revegetation timeline, details regarding site preparation, planting specifications, seed and shrub requirements, and monitoring and management of the revegetated area. All site-specific revegetation plans will adhere to applicable requirements in the *Hanford Site Revegetation Manual* (DOE/RL-2011-116) and the *Biological Resources Management Plan* (DOE/RL-96-32).

Project specific Ecological Compliance Reviews completed electronically in the HMIS Ecological Compliance Review Database. Ecological Compliance Review shall include project description, field survey results, and mitigation requirements.

Project specific GIS maps for Cultural and Ecological Compliance Reviews and projects and shall include Hanford site, project area boundary and legend. The GIS files of the map will be provided to HMIS as requested.

Species specific monitoring plans that include objective, methods, and results. Plans shall use literature review to recommend monitoring actions consistent with industry standards.

Species specific monitoring reports that document methods and findings from monitoring executed per documented monitoring plan and provided with recommendations as needed.

Cultural Resource Reports: All cultural resource reports (CRRs) must be completed in accordance with federal regulation 36 CFR 800 and the procedures as described in ENV-RD-ENV62272 (CHRP Procedure) section 4.6. Documentation standards follow the Department of Archaeology and Historic Preservation (DAHP) Washington State Standards for Cultural Resource Reporting. Whether the subcontractor is assigned the role of lead author or contributing author documentation standards must be followed to ensure all reports meet the intent of the regulations and the standards of practice in the HMIS CHRP program. All deliverables will be required to be submitted to the HMIS CRR lead/Principal Investigator for review and revision prior to submittal to DOE.

All CRRs must include at minimum clearly defined Area of Potential Effects, project scope, results of all identification efforts (including literature review, background research, and archaeological field investigations), evaluation of potential effects to Historic Properties and a finding of effects.

Cultural Resources Monitoring Reports: All cultural resource monitoring reports must follow current standards to ensure all reports meet the intent of the regulations and the standards of practice in the HMIS CHRP program. All deliverables will be required to be submitted to the HMIS CRR lead/Principal Investigator for review and revision prior to submittal to DOE.

All monitoring reports must include at minimum the justification for monitoring from the original CRR, clearly defined monitored area, description of observations using both narrative and photographic documentation and the results of monitoring.

Archaeological Site and Isolate Forms: All archaeological site and isolate form must be completed in accordance with federal regulation 36 CFR 800 and the procedures as described in ENV-RD-ENV62272



(CHRP Procedure) section 4.0. All required fields in the Washington State Site or Isolate form must be filled in accordance with DAHP standards. All deliverables will be required to be submitted to the HMIS CRR lead/Principal Investigator for review and revision prior to submittal to DOE.

GIS Field Data Maps: All GIS field data maps must follow standard mapping conventions to ensure all reports meet the intent of the regulations and the standards of practice in the HMIS CHRP program. All deliverables will be required to be submitted to the HMIS CRR lead/Principal Investigator for review and revision prior to submittal to DOE.

Maps must include scale, legend, north arrow, and all data must be clearly visible to the user. USGS topographic maps should be appropriately scaled for field use, general convention is 1:24,000.

GIS Project Area Maps and Associated Data: All GIS maps for use in CHRP documents and deliverables must be completed in accordance with the procedures as described in ENV-RD-ENV62272 (CHRP Procedure). Documentation standards follow the Department of Archaeology and Historic Preservation (DAHP) Washington State Standards for Cultural Resource Reporting. Documentation standards must be followed to ensure all maps meet the intent of the regulations and the standards of practice in the HMIS CHRP program. All deliverables will be required to be submitted to the HMIS CRR lead/Principal Investigator for review and revision prior to submittal to DOE.

Maps to be used for CHRP documents must include clearly defined and accurately represented Area of Potential Effects, project areas, and/or site boundaries. Maps must include scale, legend, north arrow, and all data must be clearly visible to the user. USGS topographic maps should be appropriately scaled for field use, general convention is 1:24,000.

All data produced for CHRP documents and deliverables must be stored in a geodatabase and provided to HMIS CHRP personnel when requested. The geodatabase will be provided to the CHRP Data Manager at the end of the contract.

Annual food and farm fee schedule by April 1 of each year. The fee schedule should include all food and farm product media prior year unit cost, market research for no less than three vendors, and suggested year unit cost adjustments.

Activity-Specific Categorical Exclusion (ASCX) - prepare NEPA Review Screening Forms (Hanford Site Form A-6006-949, Rev 8) for categorically excluded actions that do not individually or cumulatively have significant impacts on the human environment, are nonroutine/nonrecurring, and meet the requirements and conditions that are integral elements for applying CXs without extraordinary circumstances in accordance with 10 CFR 1021.410 and 10 CFR 1021, Subpart D, Appendix B. Further guidance is provided in ENV-DI-503, "National Environmental Policy Act (NEPA) Review Screening and Determination Process." ASCXs shall consider and incorporate by reference, the results of natural, cultural, and ecological resources clearance letters prepared to evaluate impacts of the proposed action and necessary mitigation measures, and demonstrate that extraordinary circumstances do not exist that would preclude application of a CX and require a higher level of NEPA review and documentation. ASCXs shall be completed and submitted to the HMIS NEPA Subject Matter Expert for review and approval within two weeks of issuance of the natural, cultural, and ecological resources clearance letters.

Annual CX – apply DOE NEPA Compliance Officer preapproved Annual CXs to routine/recurring actions that meet the requirements and conditions that are integral elements for applying CXs without extraordinary circumstances in accordance with 10 CFR 1021.410 and 10 CFR 1021, Subpart D, Appendix B. In particular, 10 CFR 1021.410(f) in which proposed recurring activities to be undertaken during a specified time period, such as routine maintenance activities for a year, may be addressed in a single categorical exclusion determination after considering the potential aggregated impacts. Further guidance is provided in ENV-DI-503, “National Environmental Policy Act (NEPA) Review Screening and Determination Process.” Annual CXs shall consider the results of natural, cultural, and ecological resources clearance letters prepared to evaluate impacts of the proposed action and necessary mitigation measures, and demonstrate that extraordinary circumstances do not exist that would preclude application of a CX and require a higher level of NEPA review and documentation. Recommendations for application of Annual CXs to proposed actions shall be provided to the HMIS NEPA Subject Matter Expert for review and approval within one week of issuance of the natural, cultural, and ecological resources clearance letters.

Written Substantive Comments from Environmental Impact Statement (EIS) and Environmental Assessment (EA) Reviews – provide written comments on Department of Energy and other Federal agency EISs and EAs affecting DOE-managed property at the Hanford Site in accordance with guidelines provided for document preparation in 40 CFR 1500-1508, “Council on Environmental Quality Regulations Implementing the Procedural Provisions of the National Environmental Policy Act,” 10 CFR 1021, “Department of Energy National Environmental Policy Act Implementing Procedures,” DOE guidance documents such as “Recommendations for the Preparation of Environmental Assessments and Environmental Impact Statements,” and other applicable guidance documents available at <https://www.energy.gov/nepa/guidance-and-requirements-table>. Provide written comments to the HMIS NEPA Subject Matter Expert in accordance with the document review schedule established for each EA or EIS.

Environmental Assessment (EA) Preparation - prepare EAs in accordance with guidelines provided for document preparation in 40 CFR 1500-1508, “Council on Environmental Quality Regulations Implementing the Procedural Provisions of the National Environmental Policy Act,” 10 CFR 1021, “Department of Energy National Environmental Policy Act Implementing Procedures,” DOE guidance documents such as “Recommendations for the Preparation of Environmental Assessments and Environmental Impact Statements,” and other applicable guidance documents available at <https://www.energy.gov/nepa/guidance-and-requirements-table>. The outcome of the EA will either be a finding of no significant impact (FONSI), mitigated FONSI (mitigation measures required to keep impacts below a threshold of significance), or the need to prepare an EIS. Provide copies of draft and final EAs in accordance with the schedule established for document preparation, review, and issuance. Preparation, review, and issuance of the draft and final EA shall not exceed one year from the date DOE determines that an EA is required for a proposed action. The contractor shall maintain a detailed electronic project file and administrative record as directed by the HMIS NEPA Subject Matter Expert and DOE NEPA Compliance Officer, which will be turned over to the HMIS NEPA Subject Matter Expert upon completion of the work.

6 CONFIGURATION MANAGEMENT

6.1 Configuration Management Requirements

There are no specific Configuration Management requirements applicable to this SOW.

6.2 Applicable Standards

Washington State Department of Archaeology and Historic Preservation

- Washington State Department of Archaeology and Historic Preservation Standards for Cultural Reporting [CR Update Dec 2019 .pdf \(wa.gov\)](#)
- Washington State and Federal Laws on Historic Preservation: [Preservation Laws | Washington State Department of Archaeology & Historic Preservation \(DAHP\)](#)

NEPA Implementing regulations:

[NEPA | National Environmental Policy Act - CEQ NEPA Implementing Procedures \(doe.gov\)](#)

6.3 Verification/Hold Points

Not applicable

7 QUALIFICATIONS

The Subcontractor shall ensure that its personnel meet and maintain the appropriate training, qualifications, and certification requirements to perform the work as specified in this SOW. The subcontractor is expected to provide appropriately trained and qualified staff to perform the type of work associate with their work at the Hanford site. Additionally, the subcontractor shall perform work in accordance with the specifications, exhibits, and other documents, which made by reference, are a part of the SOW.

In order to determine the subcontractor qualified to perform the scope of work as outlined, the subcontractor must have the following qualifications:

Environmental Monitoring

- Subcontractor shall have 10 years demonstrated experience collecting multi-media environmental samples including water, soil, sediment, wildlife, food products with demonstrated experience with field sample collection methods, equipment, supplies, record keeping, and chain of custody requirements. Experience shall include experience recording animal health and harvest of wildlife samples including liver, bone, and muscle.
- Subcontractor shall have 10 years experience reviewing and analyzing analytical data results both radiological and non-radiological, compare and trend against detection and reporting limits, and

compose results into annual summaries to communicate technical findings clearly and concisely including summarization of information for public consumption.

- Subcontractor shall have 10 years experience modeling potential radiological doses to the public and biota operations and evaluate compliance with pertinent regulations and limits. Subcontractor shall be familiar with GENII current Version and RESidual RADioactive (RESRAD-Biota) programs. Assist with the performance of cumulative assessments of on-site and off-site environmental impacts and off-site human health exposures from Hanford Site operations. Assist in the characterization of the pathways of exposure to members of the public. Characterize the exposures and doses to individuals and to the nearby population.
- Subcontractor shall have 10 years experience calculating the potential radiation dose to humans, aquatic organisms, terrestrial biota, hazard quotient for the evaluation of risk to biota, and the carcinogenic and non-carcinogenic risks to humans in various scenarios.

Ecological Monitoring

- Subcontractor shall have 10 years arid shrub steppe rare plant and habitat expertise with habitats similar to Eastern Washington Shrub-Steppe ecosystems
- Subcontractor shall have 5 years demonstrated experience researching and developing monitoring plans including clear objectives, methods, data collection and analysis, and report composition.
- Subcontractor shall have 5 years experience conducting project specific field survey's for Ecological protection, documenting the plant and animal species present, composing findings of proposed projects on environment and mitigation actions into clear concise letters ensuring resource protection for project personnel to implement.
- Subcontractor shall have demonstrated experience completing Biological Assessments, informal and formal consultation to meet the requirements of the Endangered Species Act of 1973 (ESA).
- Subcontractor shall have a thorough working knowledge and experience with Trimble GPS and ArcGIS or similar software program so that they can navigate to, collect locations, and create professional maps and figures for reports and letters.
- Subcontractor shall have 5 years demonstrated experience creating GIS figures, conducting GIS analysis of ecological resources data and developing recommendations for alternative project placement, restoration, and mitigation.
- Subcontractor shall have 5 years demonstrated experience conducting revegetation monitoring in shrub-steppe using Daubenmire plots
- Subcontractor shall have 5 years demonstrated experience developing site specific revegetation plans in the shrub-steppe.



- Subcontractor shall have 10 years species specific monitoring experience in the shrub steppe including night, aerial, and aquatic surveys.

Cultural Resources Management

Any Subcontractor staff supporting Cultural Resources Management Program shall meet below minimum qualifications:

Senior Archaeologist:

- Must meet the Secretary of the Interior's Professional Qualification Standards in Archaeology;
- Must possess a Master's degree or higher in Archaeology, Anthropology, or closely related field;
- Must have at least 8 years' experience in conducting cultural resource investigations with increasing responsibilities;
- Primary role would be to provide leadership and technical oversight in the Cultural Resources Program.

Professional Archaeologist:

- Must meet the Secretary of the Interior's Professional Qualification Standards in Archaeology;
- Must possess a Master's degree or higher in Archaeology, Anthropology, or closely related field;
- Must have at least 3 years' experience in conducting cultural resource investigations with increasing responsibilities;
- Primary role would be in construction monitoring and participating in field investigations. Assistance in site form preparation and reporting may be required.

Archaeologist:

- Must have a Bachelor's degree in Anthropology, Archaeology, or closely related field;
- Must have at least 1 years' experience in conducting archaeological fieldwork under supervision of a professional archaeologist.

NEPA Support

- Any Subcontractor staff supporting NEPA shall have Bachelor of Arts (BA) or Bachelor of Science (BS) degree in science, engineering, environmental policy, or related field PLUS two years of working in the decontamination and decommissioning, waste management, environmental policy, regulatory compliance, or related field; or Bachelor of Arts (BA) or Bachelor of Science (BS) degree in any field PLUS five years of working in the decontamination and decommissioning, waste management, environmental policy, regulatory compliance, or related field; or Seven years of experience working in the decontamination and decommissioning, waste management, environmental policy, regulatory compliance, or related field.
- Subcontractor shall have 7 years demonstrated experience in conducting NEPA reviews.

- Subcontractor shall have 7 years' experience in working on EISs, EAs, and CXs as a reviewer, contributor, or document manager.
- Subcontractor shall have 7 years demonstrated ability to interact with an interdisciplinary team of resource specialists on NEPA projects.
- Subcontractor shall have strong technical writing skills and effective communication skills.
- Subcontractor shall have ability to work independently and in a collaborative team environment.
- Subcontractor shall have demonstrated experience in evaluating complex projects for NEPA analyses and compliance.
- Subcontractor shall have 7 years experience with analytical data review, interpretation, and report preparation.
- Subcontractor shall have Knowledge of CERCLA, RCRA, Washington SEPA, NEPA Law, Council on Environmental Quality (CEQ) NEPA Regulations (40 CFR 1500-1508), and DOE NEPA Implementing Procedures (10 CFR 1021)
- Subcontractor shall have familiarity with other laws that inform the NEPA process (e.g., National Historic Preservation Act, Endangered Species Act, Clean Air Act, Clean Water Act, etc.)

Boat Captain and Vessel Support

- Subcontractor shall provide United States Coast Guard Certified or contractor approved equivalent boat captains with at least 45 days working experience on free flowing waters like the Hanford Reach of the Columbia River and use of primitive boat launches in the last 2 years.

In addition to the above, the Subcontractor shall provide qualified personnel throughout the period of performance of the Subcontract. Subcontractor shall be responsible for ensuring its personnel meet and/or maintain current and valid training requirements, certifications and are fully capable to complete the duties described through the entirety of the Subcontract period of performance.

8 SPECIAL REQUIREMENTS

8.1 Training

The following types of training are required:

1. HGET/HMISGET General Employee Training or Hanford Site Orientation.
2. When needed additional software QA training will be required for specific staff supporting software testing and use.
3. Field personnel may be required to have first aide and CPR if specified in hazard analysis documents

The subcontractor shall maintain training records for their personnel and ensure all required training is completed prior to work. Additionally, as soon as practical after award, the subcontractor shall submit a badge request for personnel required under the various releases so that they may be scheduled for training and medical evaluation so that crews will be eligible for work on site. The badging request is



required, because without it an HID# cannot be assigned, and therefore training and medical evaluations cannot be easily coordinated and scheduled.

8.2 Use of Government Vehicles

One or more Subcontractor employees will have access to Government-furnished vehicles while performing this statement of work.

8.3 Government Property

Pursuant to the Special Provision 12 (SP-12) – Government Property, the following Government-owned property will be furnished to the Subcontractor. The subcontractor shall be responsible for managing the Government-Furnished Property (GFP) below and/or Contractor-Acquired Property (CAP) as required in the Subcontract Special Provision, (SP-12) and in accordance with its Property Management program.

- A list of the property to be furnished to the subcontractor can be found as Appendix A, along with any special technical and/or handling instructions.

8.4 Hanford System Access Requirements

The following systems shall be utilized to perform the work described. For those systems which HMIS will be responsible for (hereby HMIS Operated System), HMIS will operate, manage, maintain and authorize access for Subcontractor personnel. The Subcontractor shall identify each of its personnel who will require access to the HMIS operated system.

For those systems which the Subcontractor shall be responsible for (hereby Subcontractor Operated System), The Subcontractor shall be responsible for the operation, management, maintenance, and access authorization for these systems.

HMIS personnel shall have unlimited access to the below named Subcontractor Operated Systems, through the period of performance of the Subcontract.

Table 3. Systems

	System Description	HMIS Operated System <i>(Yes or No)</i>	Subcontractor Operated System <i>(Yes or No)</i>
1.	Ecological Compliance Review Database	Yes	No
2.	Sample Management and Analytical Results Tracking	Yes	No



3.	Hanford Ecological Resources Database	Yes	No
4.	Integrated Document Management System	Yes	No
	Cultural and Historical Resources GIS Database	Yes	No

8.5 Electrical Components

Not applicable

8.6 Section 508 of Rehabilitation Act Applicability

Not applicable

9 ACCESS AUTHORIZATION/CLEARANCE REQUIREMENTS

Will the scope of work will not require access authorization (security clearance).

10 MEETINGS

10.1 Meetings

After subcontract award, the subcontractor shall participate in a Project Kickoff Meeting, which may be a conference call, an internet meeting, or a meeting to be held at HMIS Site. The time, date, and agenda for the meeting will be provided to the subcontractor by HMIS.

The subcontractor shall interface with various HMIS (and other) organizations through HMIS’s Contract Specialist (or designated BTR for in-scope work), as required, or at points and frequency determined by the Contract Specialist. The person or persons designated by the subcontractor to attend all meetings shall have all required authority to make decisions and commit subcontractor to technical decisions made during meetings.

HMIS will issue meeting notices and prepare an agenda and minutes for each meeting addressed in this Section. When applicable, minutes will identify action items, assigned actionees, and due dates.

- KICKOFF MEETING - Before start of the Work, HMIS will conduct a conference at a time and Hanford Site location agreed to by Subcontractor and HMIS. Invited attendees will include HMIS, Subcontractor, key lower tier subcontractors and others having an interest in the Work. Purpose of the conference is the coordination of Work start up and familiarization of project participants with the Work and worksite.



- STATUS MEETINGS - HMIS will conduct status meetings as needed at time and Hanford Site location determined by HMIS. Invited attendees will include HMIS, Subcontractor and key subcontractors. At the status meetings, Subcontractor shall be prepared to discuss status of work assignments and scheduled progress and issues or concerns
- The purpose of the meetings is the exchange of Work-related information.

11 INTERFACE/NOTIFICATIONS

A. A BTR will be designated for the subcontract/ subcontract release.

B. Designation of BTR

The BTR is responsible for monitoring and providing technical guidance for this subcontract and should be contacted regarding questions or problems of a technical nature. The BTR is also responsible for appropriate surveillance of the subcontractor's representative while on site. In no event, however, will an understanding or agreement, modification, change order, or any deviation from the terms of this subcontract be effective or binding upon HMIS unless formalized by proper subcontract documents executed by the Contract Specialist prior to completion of this subcontract. On all matters that pertain to the subcontract terms, the subcontractor shall contact the Contract Specialist specified within this subcontract. When in the opinion of the subcontractor, the BTR requests or directs efforts outside the existing scope of the subcontract; the subcontractor shall promptly notify the Contract Specialist in writing. The BTR does not possess any explicit, apparent or implied authority to modify the subcontract. No action should be taken until the Contract Specialist makes a determination and/or modifies the contract.

C. The work products will be reviewed daily/periodically by the BTR and designated SMEs.

D. The subcontractor shall immediately notify the field Contract Release BTR (who will contact HMIS Safety) of any injuries or incidents; to include damage to subcontractor-owned property or equipment. The subcontractor will follow this up within 24 hours with a written explanation to the Contract Specialist of the occurrence.

E. In the event that there is an abnormal or unusual situation associated with this contract work scope, the subcontractor is to immediately contact the BTR. If, after several attempts, the subcontractor is unable to contact either the BTR or the Contract Specialist, the Contractor is to contact HMIS Occurrence Notification Center at (509) 376-2900, which is available 24 hours a day, seven days a week, and provide them with: Contract Number, Contract Specialist's name, BTR's name and a short summary of the abnormal or unusual situation. If after making contact with HMIS, the subcontractor is advised to suspend activities, the subcontractor is not to proceed until such direction to proceed has been expressly issued by the Contract Specialist. If there is an emergency situation, the subcontractor is to make the appropriate immediate emergency call to 911 or (509) 373-0911 for cell phones and then make the notifications to HMIS as set forth herein.

F. Prior to work in the field, subcontractor shall ensure each employee has been cleared by HMIS and verify all training is complete in accordance with this statement of work.



12 APPENDICES

12.1 Appendix A: Government Furnished Property/Government Furnished Equipment

Contractor will be provided access to the following Government Furnished Property/Government Furnished Equipment:

Vehicles

Trimble GPS units

Digital cameras

Sample pumps

PH Conductivity meter

Electronic tablets for data collection

Wildlife sample collection tools

Ponar

Binoculars

Bat detection equipment

Generator for electrofishing