

DRAFT
PERFORMANCE WORK STATEMENT (PWS)
U.S. Department of Energy
National Nuclear Security Administration
Nevada Field Office
Environmental Program Services (EPS) Contract
September 9, 2013

1. Background/Objective:

1.1 Background: The National Nuclear Security Administration (NNSA) /Nevada Field Office (NFO) has three primary missions: national security, environmental management, and Nevada National Security Site (NNSS) stewardship. The national security mission supports NNSA Stockpile Stewardship, Emergency Response, and Homeland Security/Non-Proliferation/Counterterrorism (including the National Center for Nuclear Security [NCNS] and Work for Others [WFO]). Defense environmental restoration and waste management comprise the environmental management mission. NNSS stewardship is accomplished through oversight of the NNSS as a unique national asset.

The historic mission of the NNSA/NFO was to conduct testing of nuclear and conventional explosives in conjunction with the research and development of nuclear weapons. Most of the field testing was done at the NNSS and included approximately 828 underground test sites and 100 atmospheric test locations. In addition to radioisotopes associated with the tests, other contaminants included oils, solvents, gasoline, heavy metals such as lead, and unexploded ordnance. At approximately 1,360 square miles, the site is larger than the State of Rhode Island. It is one of the largest restricted access areas in the nation. Historical field testing was also conducted on the Nevada Test and Training Range (NTTR) and the Tonopah Test Range (TTR), adjacent to the NNSS.

In 1989, the Department of Energy (DOE) Environmental Management (EM) Program was enacted. EM offices were established throughout the country to address the environmental impacts associated with the over 50 years of nuclear weapons production in the United States.

The NFO EM Program encompasses environmental restoration and waste management activities resulting from the historic NFO nuclear testing mission. Support of NFO EM activities includes: program management and public involvement support, site characterization and assessments, field services, remedial action and waste acceptance.

1.2 Summary of Contract Characteristics: This is a Cost Plus Award Fee (CPAF) contract with performance incentive fee. The work effort under this contract will be evaluated on a performance-based basis. Performance standards and metrics, and the contractor's performance will be established and evaluated in accordance with paragraph 1.4 below and [CONTRACT CLAUSE].

1.3 Place of Performance: The Contractor shall perform environmental characterization and remediation services at designated Corrective Action Sites (CASs) within Corrective Action Units (CAUs) at the NNSS and parts of the NTTR, including TTR. Waste acceptance services will be performed at the NNSS and at waste generator sites across the DOE Complex.

1.4 Performance Requirements: Performance requirements will be established for every work assignment. Each requirement will contain the following elements: Performance Objectives, Performance Measures and Performance Expectations. Consideration of these three elements together will constitute a performance requirement.

- Performance Objectives - A statement of the outcome or expected results for a specific work assignment. Performance Objectives will be identified in the contract for each work assignment.
- Performance Measures - The critical characteristics and/ or aspects in achieving the objective that will be monitored by the Government (e.g. those things that the Government will be gathering data about). Each objective may have multiple measures.
- Performance Expectations - The targeted level or range of levels of performance for each performance measure.

The available baseline schedule reflects currently anticipated tasks. The listing is provided for informational purposes only and is subject to unilateral change at the Government's sole discretion. Individual milestones and/or activities and completion dates shall be specified by the Government. Except for the minimum guaranteed order amount specified in [CONTRACT CLAUSE], the Government does not guarantee that it will assign all, or any, of the tasks reflected in the baseline schedule. The accomplishment of tasks may be altered in response to innovative work approaches and/or efficiencies if there is no negative impact to specified funding limits or regulatory deadlines/milestones.

2. Scope of Work

2.1 Requirement: The EPS scope of work requirements include: program management and public involvement support, site characterization and assessments, field services, remedial action and waste acceptance services. The Contractor shall comply with the requirements of the Federal Facility Agreement and Consent Order (FFACO) (1996; as amended) that was agreed to by the State of Nevada; U.S. Department of Energy (DOE), Environmental Management; U.S. Department of Defense; and DOE, Legacy Management (LM). The Contractor shall provide all personnel, materials, and supplies, required to perform under this contract.

2.2 Requirement Documents: The Contractor shall comply with the documents identified in Section J, Attachment 2. Additionally, services and products shall comply with all applicable

federal, state, and local laws, regulations, guidance and policies, which are in effect or become effective after the date of this contract.

3. Specific Requirements

3.1 Regulatory Documents

The Contractor shall prepare draft and/or final documents related to Site Characterization, Assessment and Remediation of CAUs and CASs (as appropriate) in accordance with the provisions of the FFACO (1996; as amended).

The Contractor will conduct all activities necessary to ascertain the information for the preparation of the documents listed. All documents must be prepared in accordance with the provisions of the FFACO Standardized Outlines.

The Contractor is responsible for production, reproduction, and distribution of draft and/or final documents for NFO, the Nevada Division of Environmental Protection (NDEP), and contractor review.

The Contractor shall resolve NFO and other reviewer comments via response on document review forms. NDEP comments shall be addressed by the Contractor with responses approved by NFO and a copy of the document review sheet shall be included as an appendix in all final documents for review by NFO and NDEP. Following NDEP approval, the Contractor shall prepare a Portable Document Format (PDF) conversion and submit final documents to the Environmental Management Information System (EMIS), the DOE Office of Scientific and Technical Information (OSTI) and the Public Reading Facilities (PRFs) identified in the FFACO.

3.1.1 Corrective Action Investigation Plan (CAIP)

A CAIP is prepared to describe all of the specific information for planning investigation activities associated with CAUs and CASs. A CAIP may reference information in the optional CAU work plan or other applicable documents. If a CAU work plan is not developed, then the CAIP must include or reference all of the management, technical, quality assurance, health and safety, public involvement, field sampling, and waste management information needed to conduct the investigations in compliance with established procedures and protocols.

3.1.2 Corrective Action Decision Document (CADD):

A CADD is prepared to describe the corrective action that is selected as the result of investigation activities and the rationale for selection. The rationale consists of an analysis of the possible alternatives and may reflect a decision ranging from no action to clean closure.

The Contractor will develop Corrective Action Alternatives (CAAs) and evaluate those alternatives through an established process. The process will include NFO participation and will result in the selection of a preferred closure strategy

3.1.3 Corrective Action Plan (CAP):

A CAP is prepared when a CADD requires an action. The Contractor shall summarize the results of the corrective action investigation as presented in the CADD(s) and shall specify the details on the implementation of the correction action proposed for the CAU.

3.1.4 Streamlined Approach For Environmental Restoration Plan (SAFER)

A SAFER plan is prepared if sufficient information exists at a particular CAU to plan corrective actions prior to completion of the investigation. This SAFER plan will contain all the necessary elements usually found in CAIPs, CADDs and CAPs.

The Contractor shall define why the SAFER process is acceptable and appropriate for reaching closure for a CAU and the associated CASs. The Contractor shall provide a summary statement of the proposed corrective action and the closure options. All CASs within the CAU must have a closure scenario established in the document. Provide a statement of the assumptions made for this CAU and each associated CAS to support the identified closure approach.

3.1.5 CADD/CAP

A CADD/CAP is prepared to document the alternatives arising as a result of a corrective action investigation, the rationale for selection of a preferred alternative and the plan for implementing the preferred corrective action alternative. The CADD/CAP uses site knowledge gained through characterization and similar historical corrective actions to provide a plan for corrective action. The CADD/CAP is submitted to fulfill a CADD milestone. However, if approval is granted, this document would also fulfill the CAP milestone, and the CAP milestone would no longer be required

3.1.6 CADD/Closure Report (CADD/CR)

The CADD/CR is used for CAUs where no further corrective actions are needed following completion of the corrective action investigation. This may include minor corrective actions as agreed to by NDEP. The CADD/CR provides rationale for no further corrective action, and may recommend closure with or without use restrictions (URs) or long-term monitoring. The CADD/CR is submitted to fulfill a CADD milestone. However, if approval is granted, this document would also fulfill the CR milestone, and the CAP milestone would no longer be required

3.1.7 Closure Report (CR)

A CR document provides an overview of the corrective actions implemented at a CAU, the results of the corrective actions, any deviations from the approved CAP, closure verification information, URs, and monitoring requirements (when applicable).

3.2 Activities

3.2.1 Soils

Note: New National Environmental Policy Act (NEPA) mandated Environmental Assessment (EA) documentation will not be required for soils activities. The remaining uncharacterized Soils CAUs are included in the Environmental Impact Analysis and Record of Decision for the NNSS Environmental Impact Statement.

Historical nuclear testing activities conducted at the NNSS and NTTR, including TTR, produced radionuclide contamination of near surface soils. The objective of the soils activity is to characterize near surface soil contamination sites and perform corrective actions, where it is cost effective and will yield significant reduction in risk to human health and the environment.

Work scope activities for a Soils CAU(s) are driven by the implementation of the FFACO technical strategy. For Soils CAUs with large areas of contamination, the Management and Operating (M&O) contractor will use an aerial-based detection system to establish the horizontal extent of contamination. The Contractor shall use a groundbased detector platform when appropriate, to determine the depth of contamination, isotopic ratios, and to verify that hot spots do not exist that may bias the aerial and ground-based detector system results. After in situ radiological surveys are completed, the Contractor shall conduct soil sampling to further characterize the site, as required.

To facilitate closure, Soils CASs are grouped into CAUs based on the following factors:

- Geographic Location
- Contamination Type
- Investigative Strategy

Soils CAUs are prioritized based on technical complexity, U.S. Air Force agreements, and risk (e.g., land use and proximity to receptors). A preliminary characterization of each site has been performed based on existing data. These data will be used to guide appropriate investigation and corrective action tasks, as well as to select a corrective action process.

The Contractor will conduct all activities necessary to ascertain the information for the preparation of CAIP(s), CADD(s), CAP(s), CADD/CAP(s), CADD/CR(s), CR(s) and/or SAFERs as appropriate. This will include but is not limited to:

- Pre-field planning
- Field work (site characterization)

- Analytical work (CAA Analysis; ALARA)
- Performance of waste management services to address waste generated in the course of field work

Note: The Soils-related milestones and/or activities listed below reflect currently anticipated tasks. The listing is provided for informational purposes only and is subject to unilateral change at the Government's sole discretion. Individual milestones and/or activities and completion dates shall be specified by the Government. Except for the minimum guaranteed order amount specified in [CONTRACT CLAUSE], the Government does not guarantee that it will assign all, or any, of the following Soils-related milestones and/or activities below. The accomplishment of tasks may be altered in response to innovative work approaches and/or efficiencies if there is no negative impact to specified funding limits or regulatory deadlines/milestones.

- Complete CR for Double Tracks Plutonium Dispersion CAU Complete CR for Clean Slate I Plutonium Dispersion CAU Complete CAIP, CADD and CAP for Clean Slate II Plutonium Dispersion CAU
- Complete CAIP and CADD for Clean Slate III Plutonium Dispersion CAU
- Complete CAIP for Project 57 No. 1 Plutonium Dispersion CAU
- Complete CADD, CAP and CR for Small Boy CAU
- Complete CAP and CR for Area 9 Yucca Flat Plutonium Dispersion CAU
- Complete CAP and CR for Smoky Contamination Area CAU Complete CADD/CR for Miscellaneous Soils Sites CAU Complete CADD, CAP and CR for Area 3 Yucca Flat Plutonium Dispersion CAU
- Conduct annual Soils project support activities
- Complete studies of fate and transport of contaminants at Soils sites.
- Conduct annual post closure monitoring activities for closed NNSS Soils sites
- Conduct annual monitoring activities at closed NTTR sites
- Complete annual post closure monitoring report

3.2.2 Underground Test Area (UGTA)

The UGTA activity defines the hydrologic boundaries of NNSS and off-site location ground water resources that may be unsafe for domestic or municipal use and performs data analysis and modeling activities. The data analysis and modeling activities allow for informed decisions to ensure risk to public health and the environment posed by impacted groundwater are, and will remain, within protective levels.

Work scope activities for a CAU are driven by the implementation of the FFAO technical strategy. Modeling of CAU(s) is required to determine the location and potential future extent of the contaminant boundary in order to design the corrective action monitoring well network. These activities provide the complete basis for a CADD for regulatory approval. Corrective action involves the completion of the closure activity

recommended in the CADD. Compliance with the closure criteria leads to a CR and notice of completion from NDEP.

All UGTA CAUs have NDEP approved CAIPs in place, but may require Addendums.

3.2.2.1 UGTA Field Activities

3.2.2.1.1 Well Drilling Support

The UGTA well drilling program involves interface with the M&O Contractor related to drilling responsibilities. During well drilling and completion, the Contractor shall at a minimum:

- Provide on-site technical and scientific support for well design and construction, drilling operations, and geological and geophysical interpretation.
- Comply with work authorization and safety basis requirements in coordination with other contractors in drilling support roles.
- Document and report well-site activities on a 24-hour basis as they relate to drilling, well construction, and technical and science-related operations.
- Provide specific detailed monitoring information for each well to satisfy fluid management requirements. Fluid management monitoring shall include analysis for tritium and lead in make-up water and discharge fluids. An approved Fluid Management Plan (FMP) provides requirements for UGTA discharge activities.
- Develop specific Fluid Management Strategies for each well's discharge activities per the FMP.
- Provide water quality monitoring information for each well to determine the nature and chemistry of the groundwater. Water quality monitoring parameters at a minimum shall consist of pH, conductivity, and temperature. Additional monitoring shall be required on a well-specific basis.
- Monitor and maintain the introduction of groundwater tracers to determine groundwater production during drilling.
- Collect geologic samples (e.g., rock cuttings and/or core) and prepare detailed descriptions.
- Collect, process, and submit fluid management, well discharge, and groundwater samples for on-site field screening and off-site analysis.
- Provide waste management oversight for the appropriate handling of waste and/or hazardous materials.
- Manage investigation-derived waste (IDW) in accordance with plans and procedures. An approved Waste Management Plan (WMP) provides requirements for IDW.
- Obtain water-level measurements from boreholes and constructed wells.
- Document the volumes and nature of drilling fluids used in down hole applications per an FMP.

- Monitor and document the volumes of fluids and solids produced as effluent from drilling operations.
- Collect swipe samples and analyze for tritium using a liquid scintillation instrument, or equivalent, to support “unrestricted release” of material (e.g., samples and equipment).
- Collect and document various drilling parameters.
- Provide environmental and regulatory support for fluid management, analysis, and approval of process material.

3.2.2.1.2 Well Development and Testing

During well development and testing the Contractor shall at a minimum:

- Coordinate with NFO representatives and M&O Contractor.
- Ensure work is performed according to approved plans, procedures and quality control protocols.
- Define the scope of work.
- Designate the necessary resources.
- Serve as the primary point-of-contact for resolution of technical, resource, and scheduling issues.
- Supervise field operations.
- Review work practices, analyze hazards and implement mitigating controls.
- Perform safety inspections ensuring commitment to Integrated Safety Management System (ISMS) principles.
- Assess environmental compliance practices and coordinate waste management activities.
- Perform surveillances on field activities to ensure adherence to plans and procedures.

Note: The UGTA-related milestones and/or activities listed below reflect currently anticipated tasks. The listing is provided for informational purposes only and is subject to unilateral change at the Government’s sole discretion. Individual milestones and/or activities and completion dates shall be specified by the Government. Except for the minimum guaranteed order amount specified in [CONTRACT CLAUSE], the Government does not guarantee that it will assign all, or any, of the following UGTA-related milestones and/or activities below. The accomplishment of tasks may be altered in response to innovative work approaches and/or efficiencies if there is no negative impact to specified funding limits or regulatory deadlines/milestones.

- Conduct Frenchman Flat CAU model evaluation annual sampling
- Complete Frenchman Flat CAU Closure Report
- Provide support for Frenchman Flat CAU post closure drilling activities (M&O conducts drilling operations)
- Conduct Frenchman Flat CAU post closure well development and testing (WDT) monitoring and sampling

- Complete Pahute Mesa CAU Phase II WDT analysis, reporting and well sampling and analysis
- Conduct Pahute Mesa CAU multiple well aquifer testing
- Conduct Pahute Mesa CAU annual sampling
- Complete Pahute Mesa CAU Phase II geology analysis, evaluation and reporting
- Complete Pahute Mesa CAU Phase II hydrology analysis, evaluation and reporting
- Complete Pahute Mesa CAU Phase II transport parameter analysis, evaluation and reporting
- Conduct Pahute Mesa CAU Phase II source term analysis, evaluation and reporting
- Conduct Pahute Mesa CAU Phase II flow and transport modeling analysis, evaluation and presentations
- Complete Yucca Flat CAU Peer Review
- Conduct Yucca Flat CAU annual sampling
- Complete Yucca Flat CAU CADD/CAP Addendum
- Provide support for Yucca Flat CAU model evaluation drilling (M&O conducts drilling operations)
- Conduct Yucca Flat CAU WDT operations and reporting
- Complete Yucca Flat CAU multiple well pump test
- Conduct Yucca Flat CAU model evaluation data analysis
- Complete Rainier Mesa CAU Peer Review
- Conduct Rainier Mesa CAU annual sampling
- Complete Rainier Mesa CAU Closure Report
- Complete Rainier Mesa CAU post closure monitoring and sampling
- Conduct annual UGTA project support activities

3.2.3 Industrial Sites

The Industrial Sites scope identified for the contract period is currently limited to long-term monitoring of closed sites and monitoring of D&D sites where closure is planned after the contract time period. However, a full work scope description is provided given that the potential exists for the identification of new sites and/or that scope currently planned for the period after the close-out of this contract could be brought into the contract.

CASs located on the NNSS and NTTR where activities were conducted in support of nuclear testing activities are grouped as Industrial Sites. Industrial Sites CASs are grouped into CAUs based on the following collective criteria:

- Responsible Agency
- Site Function
- Geographic Location
- Length of Time (to complete action)
- Contamination Type

- Investigation Strategy

CASs are first assigned to CAUs based on the agency responsible for the investigation and/or corrective action. CASs are then grouped by function based on similarity in technical issues/waste types. Additional groupings occur based on geographical location and according to time needed to complete the corrective actions.

Corrective actions for Industrial Sites CAUs range from no action to clean closure. The types of corrective actions may be as simple as small, isolated housekeeping source removals to large-scale, multi-faceted projects addressing shallow groundwater and subsurface soil contamination. To further define the potentially wide-ranging corrective actions, the overall corrective action process has been subdivided into three possible process flowpaths:

- Housekeeping Process
- SAFER Process
- Complex Process

Processes are chosen based on the complexity of each CAU. If appropriate, each CAU will have a CAIP. Optional CAU work plans may be written or referenced if information applies to all CASs in a CAU or if CAUs are sufficiently similar.

Note: The Industrial Sites-related milestones and/or activities listed below reflect currently anticipated tasks. The listing is provided for informational purposes only and is subject to unilateral change at the Government's sole discretion. Individual milestones and/or activities and completion dates shall be specified by the Government. Except for the minimum guaranteed order amount specified in [CONTRACT CLAUSE], the Government does not guarantee that it will assign all, or any, of the following Industrial Sites-related milestones and/or activities below. The accomplishment of tasks may be altered in response to innovative work approaches and/or efficiencies if there is no negative impact to specified funding limits or regulatory deadlines/milestones.

- Conduct annual post closure monitoring activities for closed NNSS and NTTR sites
- Complete annual post closure monitoring report
- Conduct annual surveillances of D&D facilities

3.2.4 Radioactive Waste Acceptance Program (RWAP)

The RWAP facilitates the management of radioactive waste in a safe and compliant manner by ensuring the compliance of generator sites with the NNSS Waste Acceptance Criteria (WAC) and maintaining the protection of the public, the workers, and the environment.

Approval to ship waste to the NNSS is granted only after the waste generator demonstrates compliance with the NNSSWAC. The criteria consist of specific requirements for waste form, characterization, packaging, and transportation.

In support of RWAP, the Contractor shall perform the following:

3.2.4.1 Waste Acceptance Coordination

The Contractor will coordinate all RWAP activities. Coordination functions include:

- Establishing and maintaining interfaces with waste certification officials at waste generator sites.
- Establishing and implementing a process to share lessons learned amongst the waste generator community.
- Coordinating and participating in a semi-annual waste generator workshop.
- Establishing and implementing a document control process.

3.2.4.2 Waste Acceptance Facility Evaluations (FEs)

The Contractor will perform and document the results of an estimated 20 annual FEs of low-level waste/mixed low-level waste (LLW/MLLW) generator programs to support compliance with the NNSWAC requirements.

FEs include audits, surveillances, mixed waste verifications, or technical support/assist visits of waste generator programs at waste generator facilities. FEs support program development and/or serve as an oversight tool to verify that waste being shipped to the NNS meets the NNSWAC.

Upon discovery of non-compliant conditions, the Contractor will issue Corrective Action Requests and perform subsequent corrective action verification and/or impromptu surveillances. Corrective action verification activities shall include: tracking of open issues; review root cause analyses CAPs, and supporting documents.

3.2.4.3 Waste Acceptance Review Panel (WARP) Coordination

The Contractor will provide technical support to the NNSA/NFO RWAP by directing the activities of the WARP. The WARP is chartered as a technical resource panel of selected subject matter experts (SMEs) who are primarily responsible for reviewing generator waste profiles and supporting documentation data.

The WARP is an established forum with representatives from the following:

- NNSA/ NFO
- RWAP Program Manager (EPS Contractor)
- M&O Radioactive Waste Management Complex (RWMC) Operations personnel
- M&O Performance Assessment (PA) Representative
- M&O RWMC Nuclear Facility Manager (NFM)
- Other SMEs, as necessary
- NDEP

The WARP supports the NNSA RWAP. The Contractor will direct all WARP activities, lead review meetings, and assign related support tasks to ensure that complete and thorough reviews are performed and documented.

The WARP shall at a minimum:

- Review and recommend approval and/or disapproval of waste profiles
- Initiate development of position papers
- Review generator documents; and provide recommendations on related technical issues to NNSA/NFO.
- Serve as a technical resource to RWAP to provide guidance to NNSA/NFO and the waste generator complex on waste disposal issues
- Review Technical Basis Documents/Position Papers for acceptability
- Provide recommendations to NNSA/NFO concerning waste acceptance with regard to compliant waste disposal

Note: The RWAP-related milestones and/or activities listed below reflect currently anticipated tasks. The listing is provided for informational purposes only and is subject to unilateral change at the Government's sole discretion. Individual milestones and/or activities and completion dates shall be specified by the Government. Except for the minimum guaranteed order amount specified in [CONTRACT CLAUSE], the Government does not guarantee that it will assign all, or any, of the following RWAP-related milestones and/or activities below. The accomplishment of tasks may be altered in response to innovative work approaches and/or efficiencies if there is no negative impact to specified funding limits or regulatory deadlines/milestones.

- Conduct approximately twenty annual waste generator facility evaluations including the development of reports and identification of any noncompliance with the NNSSWAC
- Coordinate and lead weekly meetings of the WARP
- Coordinate the NNSW RWAP activities among the DOE generators.
- Perform tracking of open issues; review root cause analyses, Corrective Action Plans (CAPs) and supporting documents supplied by generators in response to Corrective Action Requests (CARs).
- Perform an annual review and prepare update as necessary to the NNSSWAC
- Coordinate and participate in semi- annual waste generator conference.
- Develop and maintain RWAP procedures.

3.2.5 Program Integration

The Contractor shall perform cross-cutting functions in support for the NNSA/NFO mission. Program integration activities shall include management support in the following: progress tracking and control; Quality Assurance (QA); continuous improvement initiatives; integrated safety management (ISM) implementation; health and

safety (H&S) services; technical and regulatory support; public involvement; project management initiatives; baseline updates; performance measurement; site-wide issue coordination, tracking, and reporting; DOE/EM and NNSA Headquarters and NFO data calls support.

3.2.5.1 Administrative

The Contractor shall provide administrative support through management, integration, and oversight of administrative activities. These support activities include infrastructure, communications, Nevada Site Specific Advisory Board (NSSAB) miscellaneous expenses/travel, procurement, contract administration, document production, records management, information systems, lessons learned, strategic planning. The drivers for these activities are the contracts, applicable DOE orders, directives, policies, and project support requirements.

3.2.5.2 Project Planning and Control

The Contractor shall provide Project Planning & Control support through the development of technical components, cost estimates, and schedules for their activities in Primavera. This also includes the development of annual work authorization, baseline maintenance, and performance measure tracking and reporting in the Environmental Management Information System (EMIS) for the approved contractor work scope. The Contractor shall also provide financial analyst support for: coordination, validation, and confirmation of accounting and project control related data in the STARS financial reporting system, independent review of invoices and account reconciliations, and validation of contract related data for funds management and forecasting.

The Project Control System is compliant with DOE Orders 430.1B, "Real Property Asset Management," and 413.3, "Program and Project Management for the Acquisition of Capital Assets" and NNSA/NFO Order 413.XB, "Project Management Principles and Practices" where appropriate. The contractor's Earned Value Management System (EVMS) provides the structure for ensuring applicable conformance to the 32 guidelines found in American National Standards Institute (ANSI)/Electronics Industry Alliance (EIA) 748-A-1998.

3.2.5.3 Health and Safety Support

The Contractor shall ensure that processes and appropriate resources are in place to implement DOE contract requirements in the areas of worker safety and health, industrial hygiene, hazard communication, and emergency management. These disciplines ensure that federal and state laws and regulations; DOE orders, standards, and recommendations; and industry standards and best practices are incorporated into the work scope.

3.2.5.4 Quality Assurance Support

The Contractor will provide Quality Assurance Support to ensure that processes and appropriate resources are in place to implement DOE contract requirements in the areas of assessments, suspect/counterfeit items, software quality, vendors/suppliers quality, and training. These disciplines ensure that federal and state laws and regulations; DOE orders, standards, and recommendations; and industry standards and best practices are incorporated into the work scope.

3.2.5.5 Technical & Regulatory Support

The Contractor will provide Technical & Regulatory Support to ensure that processes and appropriate resources are in place to implement DOE contract requirements in the areas of environmental compliance, waste operations, radiological support, analytical sample management, analytical data validation, DOE regulatory compliance, and integrated safety management. These disciplines ensure that federal and state laws and regulations; DOE orders, standards, and recommendations; and industry standards and best practices are incorporated into the work scope

3.2.5.6 Environmental Management Integration

The Contractor shall provide direct Environmental Management Integration support for the integration of NNSA/NFO initiatives involving the EMIS/FFACO, public involvement, strategic planning, communication, classification, emergency preparedness/response, and stakeholder information needs including DOE and NNSA Headquarters, NNSA/NFO, Department of Defense (DoD), State of Nevada, and others. In addition, the Contractor will prepare draft proposed enhancements to withdrawal and use-restriction language and provide support to NNSA/NFO in the development of coordination of long-term stewardship and institutional control strategies.

Note: The Program Integration-related milestones and/or activities listed below reflect currently anticipated tasks. The listing is provided for informational purposes only and is subject to unilateral change at the Government's sole discretion. Individual milestones and/or activities and completion dates shall be specified by the Government. Except for the minimum guaranteed order amount specified in [CONTRACT CLAUSE], the Government does not guarantee that it will assign all, or any, of the following Program Integration-related milestones and/or activities below. The accomplishment of tasks may be altered in response to innovative work approaches and/or efficiencies if there is no negative impact to specified funding limits or regulatory deadlines/milestones.

- Provide administrative, project planning/control, health and safety, quality assurance, technical and regulatory and management integration support.
- Provide public outreach and public involvement support

- Provide support for approximately six to ten annual meetings of the Nevada Site Specific Advisory Board (NSSAB)
- Provide support for an annual FFACO meeting.

4. Travel

The Contractor may be required to travel by Government provided transportation.

ACRONYMS

ALARA	As-Low-As Reasonably Achievable
ANSI	American National Standards Institute
CADD	Corrective Action Decision Document
CAIP	Corrective Action Investigation Plan
CALs	Corrective Action Levels
CAP	Corrective Action Plan
CAR	Corrective Action Request
CAS	Corrective Action Sites
CAUs	Corrective Action Units
CR	Closure Report
CPAF	Cost Plus Award Fee
D&D	Decontamination and Decommission
DOD	Department of Defense
DOE	Department of Energy
EA	Environmental Assessment
EIA	Electronics Industries Alliance
EIS	Environmental Impact Statement
EM	Environmental Management
EMIS	Environmental Management Information System
EPS	Environmental Program Services
EVMS	Earned Value Management System
FE	Facility Evaluation
FFACO	Federal Facility Agreement & Consent Order
FMP	Fluid Management Plan
H&S	Health and Safety
ISM	Integrated Safety Management
LLW	Low Level Waste
LM	Legacy Management
MLLW	Mixed Low Level Waste
M&O	Management and Operating
NCNS	National Center for Nuclear Security
NDEP	Nevada Division of Environmental Protection
NEPA	National Environmental Policy Act
NFO	Nevada Field Office
NNSS	Nevada National Security Site
NSSAB	Nevada Site Specific Advisory Board
NTTR	Nevada Test & Training Range
OSTI	Office of Scientific & Technical Information
PDF	Portable Document Format
QA	Quality Assurance
RWAP	Radiological Waste Acceptance Program
RWMC	Radioactive Waste Management Complex
SAFER	Streamlined Approach for Environmental Restoration
SME	Subject Matter Expert

TTR	Tonopah Test Range
UGTA	Underground Test Area
UR	Use Restrictions
WAC	Waste Acceptance Criteria
WARP	Waste Acceptance Review Panel
WFO	Work for Others
WMP	Waste Management Plan