EXHIBIT B
STATEMENT OF WORK

Title: Blanket Master Agreement (BMA) for Discovery, Design, Bid, Design/Build NLV and RSL-Nellis

Requisition Number:

SOW Revision Number: 1

Prepared By: Leilani Wong Wui

Requisition Date:

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LIST OF ACRONYMS

Acronym	Definition
ACM	Asbestos Containing Material
BMA	Blanket Master Agreement
CAP	Contractor Acquired Property
CM	Construction Manager
EPP	Environmentally Preferable Products
ES&H	Environmental Safety and Health
CFE	CONTRACTOR Furnished Equipment
CFP	CONTRACTOR Furnished Property
M&O	Maintenance and Operation
MSTS	Mission Support and Test Services, LLC
NFO	Nevada Field Office
NLV	North Las Vegas Facility
NNSA	National Nuclear Security Administration
NNSS	Nevada National Security Site
RCM	Radiological Control Manual
RGD	Radiation-Generating Devices
RPP	Radiation Protection Program
RSLN	Remote Sensing Lab at Nellis AFB, North Las Vegas, NV
RWP	Radiological Work Permit
SME	Subject Matter Expert
SSSP	Site-Specific Safety Plan
STR	Subcontract Technical Representative

B-1 INTRODUCTION/BACKGROUND

1.1 Introduction

The North Las Vegas Facility (NLVF); the Remote Sensing Lab at Nellis AFB, North Las Vegas, NV (RSLN) are operated by Mission Support and Test Services, LLC (MSTS or CONTRACTOR), on behalf of the U.S. Department of Energy, National Nuclear Security Administration (NNSA). The scope of this contract is confined to these two locations.

1.2 Background

This Blanket Master Agreement (BMA) is being established to obtain Discovery, Design, Bid and Design/Build support services for projects in support of the CONTRACTOR from a single SUBCONTRACTOR.

PROJECT BACKGROUND – MSTS's is responsible for managing and operating the Nevada National Security Site (NNSS) installation for the NNSA. The NNSS comprises approximately 3,561 square kilometers (1,375 square miles) of federally owned land located in southeastern Nye County, Nevada. Located approximately 105 kilometers (65 miles) northwest of Las Vegas, Nevada, the NNSS is accessed from U.S. Highway 95, which roughly forms the southern boundary of the site. The mission priorities, complexity, and overall volume of work have impacted MSTS's ability to execute the needed construction work in the NLV and RSLN facilities. This contract is intended to resolve the challenges and move the work needed forward.

B-2 OBJECTIVE

MSTS requires the services of an experienced SUBCONTRACTOR to manage the construction efforts on the NLVF and the RSLN facilities. This BMA will establish a relationship with a single industry partner to assist the development, design, and execution of construction projects at the NLV and RSLN facilities. The selected industry partner (SUBCONTRACTOR) will be leveraged to establish a core engineering and construction execution and management team leveraging commercial industry practices with a focus on maturing a project from the early discovery phase through construction, and into closeout. Key scope will include but not limited to project discovery evaluation and development, design (all phases), estimating, scheduling, construction execution, start-up and turnover. If MSTS decides that the project requires execution outside this contract due to complexity or size, the SUBCONTRACTOR may assist under the direction of MSTS, with the procurement specification development, project execution oversight, configuration management, maintenance acceptance, and turnover.

B-3 DESCRIPTION OF WORK

The SUBCONTRACTOR shall provide technically qualified resources that work as a part of a team under the direct oversight of MSTS. 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 MSTS.

Unless otherwise approved, the SUBCONTRACTOR shall work in accordance with MSTS 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 the assigned project and facility.

Specifically, SUBCONTRACTOR shall provide the following for MSTS:

The SUBCONTRACTOR shall have resources readily available (preferably local) to execute the following scope. It is expected that multiple projects/efforts will be underway at any one time across the various phases outlined below. The quality and completeness of the Subcontractors' efforts for each phase (advancement through the

phases) will be evaluated by a board comprised of leadership from the various MSTS programs and functional areas. The effort for each phase beyond the initial Discovery Phase will be unique for each project and is envisioned to be released via task order that the selected Subcontractor will provide a bid/quote.

The SUBCONTRACTOR shall provide all necessary equipment, material, plants, labor, and supervision required to safely and satisfactorily complete Task Orders for Discovery, Design, Bid, Build, and Design/Build services.

MSTS's basic process for project maturation is contained in the Phase Gate Deliverables Placemat (Appendix 1.1). The SUBCONTRACTOR will be responsible for completing the necessary deliverables for each phase and representing the project in the respective phase gate. As projects differ greatly in size and complexity MSTS will define the specific deliverable for each project in the task order and possibly combine phase if warranted. Each project's task order will be reviewed and negotiated with the SUBCONTRACTOR to ensure the scope is well defined and understood.

3.1 Discovery Phase

In the Discovery phase the SUBCONTRACTOR shall work with key stakeholders to validate the objectives of the project, develop draft function requirements, set up the structure of the project within MSTS business systems, and prepare a Class 5 cost estimate/rough order of magnitude (ROM). As this phase may involve activity level work and craft resources to execute, the SUBCONTRACTOR will need to satisfy the requirements in Exhibit E for discrete activity level work elements.

SUBCONTRACTOR shall thoroughly assess project requirements, constraints, and objectives, involving site evaluations, stakeholder consultations, and identification of regulatory requirements. SUBCONTRACTOR shall clearly define and document key project drivers—such as timeline, budget, sustainability goals, and functional needs.

3.2 Planning Phase

In the Planning Phase the SUBCONTRACTOR shall increase the maturity of the project documentation by completing addition project deliverable/documentation such as, a structured Work Breakdown Structure (WBS) to segment the project into logical, manageable components, conceptual design, initial risk register, initial project schedule, project charter, updated project acquisition strategy, and project initiation checklist. SUBCONTRACTOR shall engage with relevant experts and stakeholders to ensure the scope adequately of these documents/deliverables reflects both operational goals and compliance obligations.

3.3 Development Phase

In this phase the SUBCONTRACTOR may be tasked to continue to mature project artifacts, work with MSTS programs and down select the acquisition strategy and assist the CONTRACTOR in reviewing project documents. This may include long lead procurement packages for items such as power transformers. Additional MSTS specific project documents such as Project Planning Checklist, National Environmental Policy Act (NEPA) Checklist, and Real Estate Operations Permit (REOP) may also be developed by the SUBCONTRACTOR at this phase. Given the selected acquisition strategy, complexity, and size this phase is often consolidated with design.

3.4 Design Phase

As established in specific task orders, SUBCONTRACTOR shall perform design services consisting of urban/campus, interior, mechanical, electrical, civil, structural, electronics, communications, fire protection, architectural, topographical, and cadastral design; geotechnical surveys of existing conditions or facilities; development of documentation, calculations, computerized modeling, and reports for conceptual design, building code analyses, preliminary design, definitive design criteria, detailed final design, cost estimates and schedules, construction drawings and specifications, interior design and color boards and/or renderings, design criteria documents, functional classification documents, and any other documentation necessary to execute maintenance, repair, alteration, modification, and/or new construction projects for non-nuclear facilities.

CONTRACTOR will provide general design criteria, which contains standard base design requirements and adopted versions of codes and standards. The SUBCONTRACTOR shall be responsible for reviewing documents and adapting requirements for design deliverables.

SUBCONTRACTOR shall provide a schedule for each design activity. The schedule shall match dates specified in the task order.

3.5 Preconstruction and Construction Phase

For a project for which the SUBCONTRACTOR will not be executing construction, the SUBCONTRACTOR may be tasked to act as the Project Engineer. During preconstruction, the Subcontractor may be tasked to assist the MSTS Subcontract Technical Representative (STR) in providing resolutions to technical questions or concerns that the CONTRACTOR may encounter when reviewing proposals. During Construction, the SUBCONTRACTOR may be tasked, under the supervision of the CONTRACTOR, to monitor and evaluate if construction meets the design and report all activity progress to CONTRACTOR as required. SUBCONTRACTOR to assist CONTRACTOR in reviewing any technical questions the construction Subcontractor has on the design. In addition, the SUBCONTRACTOR may be tasked to notify the CONTRACTOR once the lower-tier subcontractors have properly completed all start-up and turnover testing, prompting CONTRACTOR to verify and approve tasks. For a project whose acquisition strategy is design build, the SUBCONTRACTOR may be tasked to assist the CONTRACTOR in monitoring the construction Subcontractor's performance and ensuring all elements of the detailed design are being met and associated quality deliverable are acceptable.

As established in specific task orders, SUBCONTRACTOR shall perform other support services that are not design services. Such services may include, but are not be limited to, review support of the CONTRACTOR submittals, review of shop drawings, review of technical documents and analyses, preparation of change orders, fact-finding studies, investigations, detailed construction cost estimates and schedules, construction inspection plans, startup operations, environmental assessments and impact analysis; producing economic analysis, and preparing comprehensive plans and other professional A&E services not necessarily connected with a specific construction project.

For a project for which the SUBCONTRACTOR will be executing construction, the SUBCONTRACTOR will be responsible for development of all applicable permits, health and safety plans and activity level work control documents, procurement of material, execution of all construction activities, and start-up testing.

The SUBCONTRACTOR shall perform general construction work as it relates to, but is not limited to, Construction Wage Rate Requirements (formerly known as the Davis-Bacon Act) covered construction such as: surveying, site preparation & earthwork (rough & finish), utility pole installation / replacement, trenching, piping, underground utilities (wet, dry, sewage), landscaping, paving, demolition, lead & asbestos abatement, concrete (structural & sub-structure), masonry, general carpentry (rough & finish), drywall & acoustic ceiling, miscellaneous metals, structural metal & wood, thermal & moisture protection, fire protection, mechanical, electrical (including telecom/data and high voltage work), plumbing, insulation (exterior & interior), roofing, flooring (removal and/or installation), painting (exterior & interior), alteration, remodeling, and green/sustainability capabilities.

The SUBCONTRACTOR shall be available to perform a pre-job walk-down which may be required and specified on certain Task Orders.

The SUBCONTRACTOR shall provide accurate quantity takeoffs and detailed cost breakdowns for multi-discipline construction projects if required by CONTRACTOR for pre-planning or planning strategy purposes only.

The SUBCONTRACTOR is solely responsible for determining the techniques, means, methods, and materials to meet the requirements of Task Orders. All work shall comply with applicable codes at the time of Task Order authorization.

3.6 Close Out Phase

The SUBCONTRACTOR may be tasked to complete all as-built drawings and work with the CONTRACTOR to develop lessons learned and close out all project artifacts.

3.7 Contract Support

The SUBCONTRACTOR may be tasked to participate in various MSTS business processes such as phase gate meetings, process evaluations, initial pre-planning of preliminary documents, planning and development, pre-

construction and construction over the life cycle of the project. Efforts under this phase of work will be identified by a separate task order and be independent of all other active task orders.

3.8 Site Conditions and Known Hazards

The following hazards are known to be present at the NLV and/or RSLN facilities. This information is being included for general awareness purposes only. The Site/Facility Conditions and Known Hazards will be included in each task order.

3.8.1 Asbestos	
☐	It is **NOT** expected.
☒	Asbestos-Containing Materials (ACM) materials are present at both the NLV and RSLN facilities and could be encountered during the performance of this work. For any task order that Asbestos-bearing materials will be encountered the following requirements apply. a. The SUBCONTRACTOR shall submit an Asbestos Abatement Plan for STR approval prior to start of work, which meets all the criteria of OSHA 29 CFR 1926.1101, “Asbestos.” The Asbestos Abatement Plan shall identify the procedures that will be used to remove and dispose of all asbestos-containing materials that may be encountered during work performed under this Subcontract. These items include, but are not limited to, piping insulation, floor tiles, ceiling tiles, and boilers. b. Supervision of the asbestos abatement work shall be performed by a federal, state, or local accredited/licensed competent person (as defined by OSHA 29 CFR 1926.1101) employed by the SUBCONTRACTOR and who will be at the worksite(s) at all times. c. Installation of asbestos containing material (ACM) in newly constructed facilities is prohibited. For all new facilities, certify that no ACM was used for building construction.

3.8.2 Silica	
☐	It is **NOT** expected.
☒	Silica-bearing materials could be encountered during the performance of this work and all activities that may potentially generate respirable silica. **For any task order that silica-bearing materials will be encountered, to include building material introduced by the subcontractor, the following requirements apply.** a. A SUBCONTRACTOR with employees potentially exposed to respirable crystalline silica (RCS) above 25 micrograms per cubic meter of air (25 ug/m3) as an 8-hour time-weighted average under any foreseeable conditions shall comply with the 29 CF 1910.1053, “Respirable Crystalline Silica,” and/or 29 CFR 1926.1153, “Respirable Crystalline Silica.” b. The SUBCONTRACTOR shall submit a Written Silica Exposure Control Plan (if applicable) to the CONTRACTOR for review and approval as part of the SSSP. *NOTE: The CONTRACTOR’s RCS Occupational Exposure Limit is 25 ug/m^3 as opposed to OSHA PEL of 50 ug/m^3.*

3.8.3 Toxic Metals (Lead, Cadmium, Mercury)	
☒	It is **NOT** expected. However, since painted surfaces typically contain lead chromates, and many metals contain hexavalent chromium, the SUBCONTRACTOR is required to notify the STR prior to

	cutting, burning, welding or polishing of metal or painted surfaces.
☐	It **IS** expected. A SUBCONTRACTOR with employees working in toxic metals contaminated areas shall submit a Written Toxic Metals Exposure Control Plan in accordance to the appropriate section of 29 CFR 1910 to the STR for review and approval as part of the SSSP. All SUBCONTRACTOR employees working under the accepted Written Toxic Metals Exposure Control Plan shall have been trained in accordance with the plan. Training records shall be submitted to the STR prior to the start of work.

3.8.4 Hoisting and Rigging	
☐	It is **NOT** anticipated that Hoisting and Rigging will occur during performance of the work. However, if the SUBCONTRACTOR's chosen means and methods include hoisting and rigging activities then all applicable requirements shall apply.
☒	It **IS** anticipated that Hoisting and Rigging will occur during performance of this work. a. The SUBCONTRACTOR shall provide the resources necessary for inspection, certification, and maintenance of rigging and lifting equipment as well as monitor all lifts to ensure that regulatory lifting practices are followed by the MSTS Lifting SME. b. The SUBCONTRACTOR shall submit its 29 CFR 1926.1400, Subpart CC, "Cranes and Derricks in Construction" compliant program as part of the Environmental, Safety & Health (ES&H) program. c. The SUBCONTRACTOR shall designate a qualified supervisor to determine the methods and develop plans for rigging operations to ensure safe lifts. d. The SUBCONTRACTOR shall ensure all crane operations maintain minimum safe distances from all high voltage lines, as determined by the CONTRACTOR. Twenty feet is required for voltages up to 350 kV. At voltages greater than 350 kV, the distance shall increase as required. e. Cranes (Mobile) - The SUBCONTRACTOR shall provide the resources necessary for inspection, certification, and maintenance of rigging and lifting equipment and shall monitor all lifts to ensure that acceptable lifting practices are followed. **1.5** Lift Plan requirements **1.6** Lift plans are required to be submitted to the CONTRACTOR for concurrence. The SUBCONTRACTOR shall submit a detailed rigging plan with all applicable supporting calculations to the CONTRACTOR for review and acceptance prior to the lift. A Formal Lift Plan will be required for the following activities: • Excess of 5 tons • Lift classified as critical (exceeding 75% of crane capacity chart) • Any two-crane lift or any lift over operating or occupied facilities, process pipe racks or near power lines) • High value or long lead time item 1.7 The SUBCONTRACTOR shall designate a qualified supervisor to determine the methods and

	develop plans for rigging operations to ensure safe lifts. **1.8** The SUBCONTRACTOR is required to meet DOE Standard DOE-STD-1090-2020, “Hoisting and Rigging” for lift classification and lift plan requirements.

3.8.5 Radiological Contamination	
☒	It is **NOT** expected.
☐	It **IS** anticipated that work may be performed in radiological areas. a. The SUBCONTRACTOR shall abide by the requirements of the current version of the NNSS Radiation Protection Program (NNSS RPP) as implemented with the NNSS Radiological Control Manual (NNSS RCM). • The NNSS RPP can be downloaded from the following web address: https://www.osti.gov/servlets/purl/1435448 • The NNSS RCM can be downloaded from the following: https://www.osti.gov/servlets/purl/1895616 b. The SUBCONTRACTOR shall abide by the CONTRACTOR’S radiological postings. c. The SUBCONTRACTOR shall make arrangements with the CONTRACTOR’S Radiological Control Division to develop adequate controls, prescribe protective measures, and generate required Radiological Work Permit (RWP) necessary to demonstrate compliance with the NNSS RPP. d. The SUBCONTRACTOR shall comply with all RWPs approved by the CONTRACTOR controlling the work performed by the SUBCONTRACTOR. e. The SUBCONTRACTOR shall provide a list of all equipment and materials expected to be utilized in areas controlled for radiological purposes and shall additionally disclose all heavy equipment to be brought on NNSA/NFO-managed property to the CONTRACTOR’S STR (to be provided to the Radiological Control Division), prior to arrival on NNSA/NFO property. f. All SUBCONTRACTOR-owned/rented/leased equipment and vehicles brought onto NNSA/NFO property are subject to radiological survey at any time during the contract period. • All SUBCONTRACTOR-owned/rented/leased heavy equipment utilized for soil disturbing or building demolition activities are required to undergo baseline and re-entry radiological surveys upon arrival at NNSA/NFO property or prior to use at the work site, as directed by the CONTRACTOR’S Radiological Control Division. • All SUBCONTRACTOR-owned/rented/leased equipment and vehicles are required to undergo radiological evaluation prior to removal from the work site and/or NNSA/NFO property. • All SUBCONTRACTOR-owned/rented/leased equipment and vehicles brought onto NNSA/NFO property that cannot meet established radiological release requirements shall not be removed from NNSA/NFO property. g. SUBCONTRACTOR shall require dosimeters, if used at the worksite, are exchanged by CONTRACTOR, as required, by the CONTRACTOR’s Radiological Control Division. h. Upon completion of work, the SUBCONTRACTOR shall return the dosimeters to the CONTRACTOR.

i. When required, the SUBCONTRACTOR shall ensure radio bioassay samples from their employees are submitted to the CONTRACTOR'S Radiological Control Division and/or RWP.

j. If the SUBCONTRACTOR is expecting to bring radioactive material/radioactive sources (including those contained within equipment) or radiation-generating devices (RGDs) onto NNSA/NFO property:

i. The SUBCONTRACTOR shall maintain radioactive material/radioactive sources per the CONTRACTOR'S direction.

ii. The SUBCONTRACTOR shall provide a planned schedule of moves or advise the CONTRACTOR'S STR (to be provided to the Radiological Control Division), in writing, prior to moving any radioactive source to, around, or away from CONTRACTOR-managed property. Prior approval to move such radioactive sources onto or from CONTRACTOR-managed property must be received from the CONTRACTOR'S Radiological Control Division.

(1) The SUBCONTRACTOR shall notify the CONTRACTOR'S Radiological Control Division immediately after they bring radioactive material/radioactive sources onto CONTRACTOR-managed property so a pre-use radiological survey can be performed by the CONTRACTOR.

(2) The SUBCONTRACTOR shall notify the CONTRACTOR'S STR prior to removing radioactive material/radioactive sources from CONTRACTOR-managed property so a post-use radiological survey can be performed by the CONTRACTOR.

iii. The SUBCONTRACTOR shall provide to the CONTRACTOR'S STR (to be provided to the Radiological Control Division) prior to arriving onsite, a copy of the current applicable radioactive material license (Nuclear Regulatory Commission or applicable state reciprocity) or other approval to the CONTRACTOR'S STR (to be provided to the Radiological Control Division) that gives the SUBCONTRACTOR authority to possess and operate the radioactive source/radioactive material or RGD (copy of current License for Industrial Radiography per 10 CFR 34, "Licenses for Industrial Radiography and Radiation Safety Requirements for Industrial Radiographic Operations,") along with procedures for operating the device.

(1) The SUBCONTRACTOR shall have adequate controls, protective measures, and work control documents/procedures/permits as required under their approved radioactive material license (Nuclear Regulatory Commission or applicable state reciprocity) or other approval for all operations associated with SUBCONTRACTOR-owned radioactive material/radioactive sources or RGDs.

(2) The SUBCONTRACTOR shall provide current leak test results, training records for RGD Operations, and source certificate/nominal activity sheets to the CONTRACTOR'S STR (to be provided to the Radiological Control Division) prior to the radioactive source arriving on NNSA/NFO-managed property.

(3) The SUBCONTRACTOR shall provide special form certificates, Department of Transportation shipping papers, and radioactive source container certifications, to the CONTRACTOR'S STR (to be provided to the Radiological Control Division) upon entry to NNSA/NFO-managed property.

(4) The SUBCONTRACTOR shall provide or make arrangements for transportation of radioactive source/radioactive materials in compliance with Department of Transportation regulations.

(5) The SUBCONTRACTOR shall have a worker radiation safety plan as specified in 10 CFR 39, "Licenses and Radiation Safety Requirements for Well Logging,"

	including Operating and Emergency procedures and Incident Reporting procedures.
3.8.6 RSLN Noise Hazards	
☒	It is expected. During Nellis Air Force Base flight operation, high noise levels may be experienced while outside RSL-N facilities. Hearing protection should be used during flight operations.

3.9 Delivery, Storage and Handling

In support of the execution of task orders requiring construction the SUBCONTRACTOR shall:

- Provide appropriate and necessary equipment and labor required for unloading, transporting, and handling delivered products/materials.
- Ensure that loads entering/exiting the NNSS are properly secured.
- Follow manufacturer's recommendations/instructions regarding the handling and storage of all materials.
- Store packaged products in original unbroken packages and containers.
- Leave manufacturer's seals and labels intact during storage.
- Arrange for immediate disposal and replacement of products found to be defective, damaged beyond repair, or in otherwise unacceptable condition.

3.10 Site Coordination Requirements

3.10.1 Construction Facilities

Laydown Areas:

- Parking for Subcontractor's company and employees' personal vehicles is available at the jobsite.

3.10.2 SUBCONTRACTOR Requirements

The SUBCONTRACTOR shall provide the following:

- Temporary Construction facilities (e.g., Job trailer, pre-job location, lunchroom).
- When a SUBCONTRACTOR performs physical work which has risk potential (employees, equipment, environment, or plant) outside of daylight hours, they are responsible for providing adequate lighting to perform the project work scope.
- Generators for construction power. The SUBCONTRACTOR is required to ground generators in accordance with NEC/National Electrical Safety Code (NESC) requirements and notify the STR and CM for compliance inspection prior to use. No modifications shall be made to portable generators on MSTS managed property without written permission from STR/CM.
- Cell phones for supervisory personnel.
- Portable restrooms.
- Ice and drinking water.

NOTE: The SUBCONTRACTOR shall restore areas disturbed during construction, (including laydown areas) to pre-existing conditions.

3.10.3 Outage Requests

The SUBCONTRACTOR shall provide Insert # working days advance notice for systems requiring an outage or lockout/tagout for the control of hazardous energy. CONTRACTOR will fulfill the role of Controlling Organization for SUBCONTRACTOR lockout/tagout operations.

3.10.4 Building Occupancy Inspection Requirements

Construction trailers are required to meet the relocatable structure requirements of International Building Code (IBC-2024) and will need to have a Beneficial Occupancy Inspection (BOI) performed in order to receive a Certificate of Occupancy per CD-5400.003. The BOI will use a graded approach for the inspection itself but documentation for the structures themselves, a full site plan, and structural anchorage/support will be required. The plan shall be reviewed by the Building Authority (BA) and other appropriate SMEs before a BOI can be requested.

Facilities including manufactured structures, mobile homes, trailers, semi-trailers, modular-type structures, factory-assembled structures, cargo containers, hazardous materials or flammable liquid storage containers, air supported/inflated structures, tent/membrane, and cloth/rib structures. This term does not apply to trailers and cargo containers that are being used in the transportation mode for conveying materials while on site, or to prefabricated buildings that are permanently located, such as “Butler" or “Strand Steel" buildings.

Engineering Programs - BA-Relocatable Structures provides a breakout of what is required for relocatable structures at the site. Note that since these meet the International Building Code (IBC) and Architectural Barriers Act (ABA) definition of construction trailers, they are accepted from meeting the accessibility requirements therein, but not other requirements. Most municipalities have some kind of permitting requirement for construction trailers therefore SUBCONTRACTOR shall be familiar with these and shall have the required manufacturer and tie down information readily available. SUBCONTRACTOR shall contact Fire & Rescue for their specific requirements for these structures since they may need the building numbers (provided by Facilities Information Management System (FIMS)) installed on the exterior of the trailers based on a previous walkdown.

Note that all applicable Environmental, Emergency Planning, and ES&H requirements for construction trailers will need to be met and these departments shall be contacted for those if they have not already. An NNSS Construction Office and Equipment Trailer Permit Application must be submitted for each trailer over 120sf at least 28 days before the trailer is planned to be on site (see Appendix A).

B-4 PERSONNEL REQUIREMENTS

4.1. Training and Qualification

There is no site-specific training required for the BMA. SUBCONTRACTOR personnel supporting task orders shall attend the following site-specific training. Additional training may be specified when required for a task order work scope. NOTE site access may be delayed until training is completed or renewed. The SUBCONTRACTOR shall contact the STR to coordinate scheduling of training. See Section B-6, 6.4 *Badging*. To facilitate task order performance, upon award of the BMA SUBCONTRACTOR may request training for personnel who will support task orders throughout the BMA ordering period.

DESCRIPTION	DURATION	FREQUENCY
General Employee Radiological Training (GERT) (WBT) 1E00W585	0.5 Hour	One Time Only
MSTS Export Control Awareness (WBT) 1H00W310	0.5 Hour	One Time Only

DESCRIPTION	DURATION	FREQUENCY
Overview of Controlled Unclassified Information	1.0 Hour	One Time Only
Protective actions - How to Act During an Emergency (WBT) 1REMPAW1	0.5 Hour	365 days
Initial Security Briefing. DOE O 470.4B, “Safeguards and Security Program” (1S000110) as well as DOE O 470.4B Chg. 3 (Ltd.Chg.)	1 Hour	One Time only
IWCP-WBT Training (1G00W552)	1 Hour	One Time Only
Work Location Emergency Response Plan, Including Evacuation Alarms and Accountability (1REM050000)	3.0 Hours	One Time Only
Personal Protective Equipment (WBT) 1E00W315	1 Hour	One Time Only
Hearing Conservation Training (WBT) 1E00W350	1 Hour	One Time Only
Any other training identified in Exhibit E, or subsequent Task Orders	N/A	N/A

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 for scheduling training and medical evaluation prior to crews being eligible for work on site.

4.2. Key Personnel Qualifications

The following positions are considered Key Personnel for the management of the BMA. The SUBCONTRACTOR shall submit for approval any changes in the Key Personnel identified in the SUBCONTRACTOR’S proposal. Additional Key Personnel requirements (e.g., Site Superintendent, Quality Assurance/Quality Control Professional, or Safety Representative) may be identified in task orders.

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

4.2.1. Project Engineer/Engineering Manager

Leads teams of engineers to deliver high-quality products and solutions. Ensure projects are delivered on time, within scope, and to quality standards.

Responsibilities

- Engineering team leadership and development
- Manage and delivery design aspects of task orders
- Provide oversight during construction phase

Qualifications

- 8 years of experience in management, with a focus on project management and team leadership
- Bachelor's Degree in engineering or architecture
- Nevada Professional Engineer (PE) license

4.2.2. Lead Mechanical Engineer

Oversees mechanical engineering projects, leads a team, and ensures the design and implementation of mechanical systems meet performance and safety standards.

Responsibilities

- Lead the design, development, and implementation of mechanical systems, machinery, and equipment.
- Work closely with electrical, firmware, and software engineers to develop integrated solutions that meet performance, cost, and constructability goals.
- Provide technical support for inspection personnel, ensuring compliance with safety standards and regulations.
- Maintain accurate documentation of design processes, project specifications, and compliance with industry standards.
- Identify complex technical issues and develop effective solutions to eliminate root causes.

Qualifications

- Bachelor's Degree in Mechanical Engineering or a related field.
- 8 years of experience in mechanical engineering, with a focus on project management and team leadership.
- Proven experience in leading engineering teams and projects.
- Excellent problem-solving skills and attention to detail.
- Professional Engineer license.

4.2.3. Lead Electrical Engineer

Oversees the design, implementation, and management of electrical systems, ensuring compliance with industry standards and project specifications.

Responsibilities

- Lead the design and development of electrical systems and components.
- Collaborate with cross-functional teams to integrate electrical designs with other systems.
- Ensure compliance with industry standards and regulations.
- Optimize design processes and methodologies for maximum efficiency.
- Review and approve technical drawings, specifications, and documentation.
- Conduct feasibility studies, risk assessments, and cost estimations for projects.
- Participate in project planning and management activities.
- Identify and implement innovative solutions to improve system performance.

Qualifications

- Bachelor's Degree in Electrical Engineering or a related field.
- 8 years of experience in mechanical engineering, with a focus on project management and team leadership.
- Proven experience in leading engineering teams and projects.
- Excellent problem-solving skills and attention to detail.

4.2.4. Lead Civil/Structural Engineer

Oversees the design, evaluation, and implementation of civil and structural engineering projects, ensuring compliance with safety and regulatory standards.

Responsibilities

- Oversee the planning and execution of civil and structural engineering projects.
- Ensure compliance with industry standards, local codes, and safety regulations.
- Collaborate with architects, contractors, and other stakeholders.

- Perform structural analysis and calculations.
- Prepare and review engineering plans, specifications, and reports.
- Conduct site inspections and ensure quality control.
- Resolve technical issues and provide engineering solutions

Qualifications

- Bachelor's Degree in Civil or Structural Engineering.
- P.E. (Professional Engineer) license.
- 8 years of experience in civil/structural engineering.
- Proven experience in leading engineering teams.
- Strong knowledge of engineering principles, codes, and standards.
- Excellent project management and organizational skills.
- Strong communication and interpersonal skills.
- Ability to work collaboratively in a team environment.

4.2.5. Lead Fire Protection Engineer

Responsibilities

- Oversee the planning and execution of engineering projects for fire protection systems and equipment.
- Ensure compliance with industry standards, local codes, and safety regulations.
- Collaborate with architects, contractors, and other stakeholders.
- Perform structural analysis and calculations.
- Prepare and review engineering plans, specifications, and reports.
- Conduct site inspections and ensure quality control.
- Resolve technical issues and provide engineering solutions.

Qualifications

- Bachelor's Degree in Fire Protection Engineering.
- Licensed Professional Engineer in Fire Protection.
- 5 years of experience in Fire Protection Engineering.
- Knowledge of NFPA Codes and Standards.
- Advanced technical writing and communication skills.

4.2.6 Construction Manager (CM)

Oversees construction projects, ensuring they are completed on time, within budget, and to the required quality standards.

Responsibilities

- Manage all phases of construction projects, from planning and budgeting to execution and completion.
- Coordinates with various stakeholders, including clients, contractors, and suppliers.
- Create and manage project schedules, ensuring that all tasks are completed on time and that resources are allocated efficiently.
- Supervise construction activities to ensure compliance with safety regulations and quality standards, addressing any issues that arise during the construction process.
- Identify and resolve issues that may impact project timelines or budgets, ensuring projects stay on track.

Qualifications

- Bachelor's Degree in related field, Certifications such as Certified Construction Manager (CCM) or Project Management Professional (PMP), or minimum of ten (10) years of experience managing large scale construction work, similar in type, scope, and complexity as will be requested under the Agreement.
- Strong knowledge of construction principles, practices, and standards.

- Excellent project management and organizational skills.
- Strong communication and interpersonal skills.

4.2.7 Corporate Safety Officer

Ensure a safe and healthy work environment, compliance with safety regulations, and the development of safety programs and policies.

Responsibilities

- Develop and implement health and safety plans.
- Conduct regular safety inspections and audits to identify potential hazards and ensure compliance with local, state, and federal regulations.
- Lead safety training sessions to educate employees on best practice and required safety measures.
- Investigate accidents and incidents to identify root causes and recommend corrective actions to prevent future occurrences.
- Collaborate with management and employees to create a culture of safety and encourage open communication regarding safety concerns.

Qualifications

- Bachelor's degree in safety management or relevant field.
- 5 years of proven work experience as a Safety Officer or similar role.
- Experience in writing reports and policies for health and safety.
- Familiarity with conducting data analysis and reporting statistics.
- Knowledge of potentially hazardous materials or practices.
- Experience in conducting safety drills and training.
- Strong communication and interpersonal skills.

4.2.8 Project Manager

Assists CM on construction projects, ensuring they are completed on time, within budget, and to the required quality standards.

Responsibilities

- Manage all phases of projects, from planning and budgeting to execution and completion.
- Coordinates with various stakeholders, including clients, contractors, and suppliers.
- Create and manage project schedules, ensuring that all tasks are completed on time and that resources are allocated efficiently.
- Supervise project activities to ensure compliance with safety regulations and quality standards, addressing any issues that arise during the construction process.
- Identify and resolve issues that may impact project timelines or budgets, ensuring projects stay on track.

Qualifications

- Bachelor's Degree in related field, Certifications such as Certified Construction Manager (CCM) or Project Management Professional (PMP), or equivalent training and experience with at least five (5) years relevant experience managing large scale construction work, similar in type, scope, and complexity as will be requested under the Agreement.
- Excellent project management and organizational skills.

4.2.9 Construction Superintendent

Oversees site construction, ensuring they are completed on time and to the required quality standards.

Responsibilities

- Manage construction sites for execution and completion.
- Coordinates with various crafts, contractors, and suppliers.
- Create and manage project schedules, ensuring that all tasks are completed on time and that resources are allocated efficiently.
- Supervise construction activities to ensure compliance with safety regulations and quality standards, addressing any issues that arise during the construction process.
- Identify and resolve issues that may impact project timelines or budgets, ensuring projects stay on track.

Qualifications

- Minimum of five (5) years of experience managing large scale construction work, similar in type, scope, and complexity as will be requested under the Agreement.
- Strong knowledge of construction principles, practices, and standards.
- Strong communication and interpersonal skills.

B-5 TECHNICAL SPECIFICATIONS AND DRAWINGS

Specifications and drawings will be provided within task orders.

B-6 PLACE OF PERFORMANCE

6.1. Delivery Location

Delivery location will be North Las Vegas Facility 316 Atlas Dr., A2 Warehouse N. Las Vegas, NV 89030-4199 Remote Sensing Laboratory – Nellis AFB (RSLN), 4600 N. Hollywood Blvd. Building 2211, Las Vegas, Nevada 89191.

6.2. Work Location

Work will be performed at the locations specified in each Task Order Release. For any work performed on the NNTS site or in an MSTS controlled facility, the provision of the On-Site services shall apply to this subcontract.

6.3. Site Access and Work Hours

MSTS personnel at the NNSS 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.

Onsite work performed outside normal operating hours shall be coordinated and/or approved through the STR and/or the Procurement Specialist prior to performing the work.

6.4. Badging

Any on-site work will be coordinated with the STR in accordance with the SOW and site-specific training requirements. The SUBCONTRACTOR shall wear a MSTS issued security badge identifying themselves. A minimum of fourteen (14) working days advance notice is needed for site badging. SUBCONTRACTOR employees shall be required to submit to vehicle searches and not personally carry or transport certain prohibited articles.

B-7 CLEARANCE REQUIREMENTS

The following access authorization or clearance requirements are required.

1) Check all that apply:

☒ No security clearance; unclassified work

☐ DOE L

☐ DOE Q

☐ HSPD-12 PIV Credential

2) If applicable, add any or all parts of the following statement security qualifications:

☐ The SUBCONTRACTOR shall have the ability to obtain a U.S. Department of Energy (DOE) facility security clearance and have personnel capable of obtaining a Q-type or L-type security clearance.

☐ Q- or L-type security clearance is required for all SUBCONTRACTOR personnel having access to classified information or special nuclear material when performing such work.

A corresponding level of security clearance from another federal agency may be applicable if approved by the MSTS and DOE.

☐

Access to RSLN requires a Real ID, Passport, or Birth Certificate and temporary passes may be obtained for access. Should vendors need extended access, RSLN can request a DBIDS badge which will grant the bearer base access (Note: DBIDS take one week to process).

☐ N/A

B-8 SPECIAL REQUIREMENTS

Personal Protective Equipment

SUBCONTRACTOR shall be responsible for providing Personal Protective Equipment (PPE) for all SUBCONTRACTOR personnel visiting the site(s). PPE shall be suitable for the working environment of the project

Minimum PPE is defined as (additional PPE may be specified in the task order):

- Steel-Toed boots (safety shoes).
- Work gloves
- Ear Protection.
- Hard hat.
- Safety glasses.
- Hi Vis Vest.

8.1. Qualifications, Licensing, Certifications

In order to determine whether the SUBCONTRACTOR is qualified to perform the scope of work as outlined, the SUBCONTRACTOR shall have the following qualifications:

8.1.1 Experience - SUBCONTRACTOR shall have the following corporate experience

- SUBCONTRACTOR shall have minimum 5 years of experience in design and construction of basic facility and infrastructure installations and modifications.
- SUBCONTRACTOR shall have previous experience of progressive responsibility in administrative coordinative program experience.
- SUBCONTRACTOR shall have demonstrated experience at a government facility, working with multiple regulators and clients in an operational environment. Specific experience with working with the DOE/NNSA is desired.

8.1.2 Licenses – SUBCONTRACTOR shall ensure compliance with all applicable, federal, state and local laws and regulations and should consult with an attorney to determine which federal, state, and local laws apply to them.

8.1.3 Certifications – SUBCONTRACTOR shall have the following job-specific certifications:

- Specific certifications are required. for the BMA. Task orders will identify any project specific

certifications required.

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.

8.2. Government Assets

8.2.1 Use of Government Vehicles	
☒	There is **NO** anticipated need for any SUBCONTRACTOR employees to use a Government-furnished vehicle in the performance of this SOW. The SUBCONTRACTOR's employees, therefore, are specifically prohibited from driving any Government-furnished vehicles under the performance of this SOW unless this SOW is formally so modified by the parties and the employee(s) will present a valid driver's license to the STR for review.
☐	One or more SUBCONTRACTOR employees will have access to Government-furnished vehicles while performing this SOW.

8.2.2 Government Property	
☒	Government Property **NOT** anticipated to be furnished to or acquired by the SUBCONTRACTOR under this SOW.
☐	Pursuant to FAR 52.245.1 – 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 accordance with FAR 52.245-1. A list of the property to be furnished to the SUBCONTRACTOR can be found in Appendix Choose an item, along with any special technical and/or handling instructions.

8.3. Permits

Except for permits furnished by MSTS the SUBCONTRACTOR shall, without additional expense to the MSTS be responsible for obtaining any and all necessary licenses and permits.

The MSTS will without cost to the SUBCONTRACTOR, furnish the permits listed below. All such MSTS-furnished permits are available for examination at the project office of MSTS during regular business hours.

There are no permits required for the BMA. Project specific permits will be specified within individual task orders.

The SUBCONTRACTOR shall also be responsible and liable for all materials delivered and Work performed until completion and acceptance of the entire Work, except for any completed unit of Work which may have been accepted under the SUBCONTRACTOR.

8.4. Quality Assurance (QA)

The work as described has been identified to be.	
☐	**SAFETY CLASS/SAFETY SIGNIFICANT SERVICES AND/OR COMMODITIES (NUCLEAR/RADIOLOGICAL)** This PO is related to items or services used in support of the nuclear and/or radiological mission(s) of the Nevada National Security Site, therefore:

	The SUBCONTRACTOR shall implement and maintain a Quality Assurance (QA) program in accordance with at least one the following quality assurance criteria and requirements: • ASME NQA-1 (2015) quality assurance requirements for nuclear facility applications • ASME NQA-1 (2008 with 2009 addenda) quality assurance requirements for nuclear facility applications • Equivalent program authorized in writing by the contractor's quality assurance organization In addition, the SUBCONTRACTOR shall be responsible for: Price Anderson Amendments Act (PAAA) The item or service identified in the purchase order agreement is being procured by a contractor to the Department of Energy (DOE)/National Nuclear Security Administration (NNSA). This item or service is intended to be used in the performance of activities that (1) prevent or mitigate radiological or harm to the worker, the public or the environment or (2) provide a healthful and safe workplace for DOE/NNSA contractor personnel. Therefore, the SUBCONTRACTOR is responsible for assuring that the items or services provided under this purchase agreement meet the stated requirements. **SUSPECT/COUNTERFEIT ITEMS** The SUBCONTRACTOR will take positive measures to ensure that only new, unused equipment/material from acceptable sources is provided under this subcontract. Notwithstanding, any other provisions of this subcontract, should any suspect/counterfeit items or components be found within or on this equipment during CONTRACTOR receipt inspection, SUBCONTRACTOR shall, at its expense, promptly replace such items or components.
☒	**GENERAL SERVICES AND/OR COMMODITIES** This BMA is for items or services that support the mission(s) of the Nevada National Security Site, therefore: **SUSPECT/COUNTERFEIT ITEMS REQUIREMENTS**: The SUBCONTRACTOR will take positive measures to ensure that only new, unused equipment/material from acceptable sources is provided under this subcontract. Notwithstanding, any other provisions of this subcontract, should any suspect/counterfeit items or components be found within or on this equipment during CONTRACTOR receipt inspection, SUBCONTRACTOR shall, at its expense, promptly replace such items or components. These requirements shall be flowed down to all levels of SUBCONTRACTORS as it pertains to this procurement activity.

8.5. Lower-Tier Subcontracts

The SUBCONTRACTOR shall ensure that LOWER-TIER SUBCONTRACTORS performing elements of the Subcontracted Scope of Work at sites controlled/managed by the CONTRACTOR or NNSA adhere to the SUBCONTRACTOR'S Site-Specific Safety Plan (SSSP). The SUBCONTRACTOR is responsible for ensuring that its LOWER-TIER SUBCONTRACTORS are included in the SUBCONTRACTOR'S SSSP and that they comply with all the requirements of this Subcontract.

Additional requirements may be specified in task orders.

B-9 ENVIRONMENTALLY PREFERABLE PRODUCTS

MSTS is required by the U.S. Department of Energy to purchase Environmentally Preferable Products (EPP) (also known as green or sustainable purchasing) and are also required to flow those procurement requirements to their SUBCONTRACTOR. When designing materials and/or supplying materials to be used onsite as part of a subcontract SOW, those materials must meet these same requirements.

The following is a list of EPP types that must be used if they are available:

- **Products with Recycled Content.** MSTS supports efforts that reduce or eliminate environmental hazards, conserve environmental resources, minimize life-cycle cost and liabilities. Towards the end, the acquisition cycle is viewed as an important key in understanding what is brought onto the Site as well as identifying what can be reused/recycled. Focus is directed on recycled-content, biobased-content, ozone-depleting substances, and other environmental impacts. Specific additional clauses are included in this solicitation that address potential requirements and preferences based on the nature of the item being considered for purchase.
- **Water Efficient Plumbing Products**. When purchasing commercially available, off-the-shelf water consuming products, products must meet EPA's WaterSense standards (http://www.epa.gov/watersense).
- **Non-Toxic or Less Toxic Alternatives**
- **Green Certified Products**. (e.g., Design for Environment, Green Seal)
- **Bio-Based Products**. MSTS will give preference to acquiring Department of Agriculture designated biobased products. For more information to this program, see www.biopreferred.gov.
- **Energy Efficient Products**.
  - EPA Energy Star® When purchasing commercially available, off-the-shelf energy-consuming products, products must be Energy Star rated (www.energystar.gov).
  - Federal Energy Management Program designated products When purchasing commercially available, off-the-shelf energy-consuming products, products must use no more than one watt of standby power as defined and measured by International Electrotechnical Commission (IEC) code 62301 or otherwise met FEMP specifications for low standby power consumption. If FEMP has not specified a standby power level for a product category, the item shall be the lowest standby power consumption available.
- **Energy Efficient Electronics**. When purchasing the following products, EPEAT ratings will apply:
  - Desktop and Notebook Computers – must meet the EPEAT silver rating or higher
  - Displays, Monitors, Integrated Desktop Computers, Workstation Desktops, Thin Client, Workstation Notebooks, and/or Tablet Notebooks – must meet the EPEAT silver rating or higher
  - Fax Machines, Multifunction Devices, and Printers – must meet the EPEAT bronze rating or higher
  - Copiers and Digital Duplicators – must meet the EPEAT silver rating or higher
- **Reuse of Leased IT Electronic Equipment** In accordance with DOE Order 436.1, Departmental Sustainability, MSTS is striving to reduce or eliminate environmental hazards, conserve environmental resources, minimize life-cycle cost and maximize operational sustainability through the incorporation of electronics stewardship practices thereby minimizing the economic and environmental impacts of managing toxic by-products and hazardous wastes generated in the conduct of site activities. Therefore, MSTS requires that at the end of the lease period, the equipment is to be reused, refurbished, donated, or recycled using environmentally sound management practices.

B-10 MEETINGS

After BMA award, a Subcontract Kickoff Meeting is requested, which may be a conference call, an internet meeting, or a meeting to be held at MSTS. The time, date, and agenda for the meeting will be provided to the SUBCONTRACTOR by MSTS.

Task orders will require the SUBCONTRACTOR to interface with various MSTS (and other) organizations through MSTS' Procurement Specialist (or STR for in-scope work), as required, or at points and frequency determined by

the Procurement Specialist.

MSTS 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 actioner, and due dates. The purpose of the meetings is the exchange of work-related information. 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.

A. **Site Labor Conference**: Will be held between MSTS, the appropriate union(s), and the SUBCONTRACTOR before work commences at the NNSS in accordance with the applicable Project Labor Agreements.

B. **Kickoff Meeting**: after issuance/acceptance of the **Task Order**, MSTS will conduct a meeting with the SUBCONTRACTOR and major lower-tier SUBCONTRACTORS. The meeting's purpose is to provide the SUBCONTRACTOR with additional information as required to accomplish the scope specified in **the task order** SOW, and to develop lines of communications, and a working relationship. This meeting will focus on a discussion of the work scope and goals and roles and responsibilities of each participant. Pertinent documents will be reviewed and discussed. The SUBCONTRACTOR shall prepare meeting minutes that emphasize agreements, commitments, and planned actions.

   The SUBCONTRACTOR shall submit the final minutes after the meeting in accordance with the Submittal Register.

C. **Status Meetings**: Project status meetings will be held weekly either by MS Teams or in person to review the progress, to provide weekly schedule status, and exchange work-related information, including but not limited to design and scope changes, progress, coordination with functional utility providers, and scheduling issues. The SUBCONTRACTOR shall prepare meeting minutes that emphasize agreements, commitments, and planned actions. The SUBCONTRACTOR shall submit the final minutes after the meeting in accordance with the MSR.

D. **Safety Meetings**: SUBCONTRACTOR shall perform and document daily pre-job meetings using the MSTS Pre-job Briefing Form 1063B. Late arrivals and/or visitors shall be provided with the same daily briefing. The SUBCONTRACTOR is also required to perform a documented weekly safety meeting. This documentation shall be maintained onsite for the job duration for review upon request.

FREQUENCY	DURATION	TITLE	DESCRIPTION / PURPOSE
Once	1 Hour	Blanket Master Agreement Kickoff Meeting	After Blanket Master Agreement award, a Subcontract Kickoff Meeting is requested, which may be a conference call, an internet meeting, or a meeting to be held at MSTS. The time, date, and agenda for the meeting will be provided to the SUBCONTRACTOR by MSTS.
Once for each Task Order	1 Hour	Task Order Kickoff Meeting	Kickoff meeting upon receiving Task Order release for each task.
Monthly	2 Hours	Phase Gate Reviews	Evaluate the maturations of project development and preparedness to advance through the development process

B-11 SUBMITTALS

Appendix 1.4 identifies submittals required for the BMA. Each task order will contain an Appendix that identifies

submittals required for the task order.

B-12 DELIVERABLES

There are no deliverables required for the BMA.

Task Orders will identify required deliverables.

B-13 PROJECT CONTROLS, MILESTONES & PERFORMANCE SCHEDULE REQUIREMENTS

Task orders will identify all required forms, procedures and documents.

B-14 APPENDIX

APPENDIX NUMBER	*TITLE*	*REV*	*PAGES*
1.1	Phase Gate Deliverables Placemat	*0*	*1*
1.2	A/E Detailed Design Requirements	*0*	*6*
1.3	Construction Requirements for all Task Orders	*0*	*4*
1.4	Submittal Register	*0*	*1*

The SUBCONTRACTOR shall meet the required schedule and provide the documents specified in accordance with the following submittals.

APPENDIX *INSERT APPENDIX 1.4*
SUBMITTAL REGISTER

Section A: Purchase Order/Subcontract Information			
Subcontractor Name:	*TBD*	SOW Title:	*5yr BMA for Discovery Design Bid Build NLV and RSL-N*
Purchase Order and Release Number:	*TBD*	Requisition Number:	*Insert requisition #*

Section B: Submittal Delivery Requirement
Submittals shall be electronically, unless otherwise noted, to: Procurement Specialist, *Calvin Callahan; CallahCD@nv.doe.gov and Subcontract Technical Representative, Andrew Clancy & Stacey Villanueva; ClancyAM@nv.doe.gov and Villansl@nv.doe.gov* *Insert any special notes. DO NOT INCLUDE internal distribution notes.*

Section C: Submittal Requirement Details					
NO.	TITLE	REFERENCE	DUE DATE / FREQUENCY	REVIEWED BY	COMMENTS
001.	Service Contract Reporting	Master Agreement	Annually by October 15	Procurement Specialist STR	As specified in special condition titled, "Service Contract Reporting Requirements of the Master Agreement
002.	Subcontract Hours, FRM-1253	Master Agreement	On or prior to the 28th of the month	STR	
003.	Monthly Total Recordable Incident Rate (TRIR) and Days Away, Restricted or Transfer Case Rate (DART)	Master Agreement	On or prior to the 28th of the month	STR	
004.	Injury/Illness Infraction Report, FRM-0018	Master Agreement	Immediately	STR	The Subcontractor is required to report all job-related injuries and illnesses, regardless of severity
005.	Meeting Minutes	Section B-10	Weekly or Monthly as required by the Task Order Release	Procurement Specialist STR	
006.	Workplace Substance Abuse Program to include Evidence of Compliance with SUBCONTRACTOR's Workplace Substance Abuse Program	Master Agreement	Annually, based on date of CONTRACTOR acceptance	Procurement Specialist	Provide any changes to the Program and evidence for that year's compliance in accordance with Title 10 Code of Federal Regulations Part 707
007.	NNSS Construction Office and Equipment Trailer Permit Application		Per Task Order, 28 days prior to being on site	STR	