

EXHIBIT B

STATEMENT OF WORK

Title: Civil Design New Mercury Essential Services Complex A-E, and Construction Services

SOW Task Number: Task 2

Requisition Number: REQ-0019964

SOW Revision Number: N/A

Prepared By: Not Disclosed

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INTEGRATED ACQUISITION TEAM TECHNICAL APPROVAL PAGE
FOR STATEMENT OF WORK Master Agreement - New Mercury Essential Services Complex

REQUIRED	ORGANIZATION	PRINT NAME
<input checked="" type="checkbox"/>	Project Manager (PM)	Not Disclosed
<input checked="" type="checkbox"/>	Subcontract Technical Representative (STR)	Not Disclosed
<input checked="" type="checkbox"/>	Supply Chain Management	Not Disclosed
<input checked="" type="checkbox"/>	Procurement	Kim Kruskie
<input checked="" type="checkbox"/>	Procurement	Amy Justice
<input checked="" type="checkbox"/>	Enterprise Infrastructure Program (EIP)	Not Disclosed
<input checked="" type="checkbox"/>	Project Planning & Delivery (PPD)	Not Disclosed
<input checked="" type="checkbox"/>	Building Program Management	Not Disclosed

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LIST OF ACRONYMS

Acronym	Definition
ACM	Asbestos Containing Material
DOR	Designer of Record
DRAIL	Design Rolling Action Items Log
CAP	Contractor Acquired Property
CM	Construction Manager
COR	Code of Record
EPP	Environmentally Preferable Products
ES&H	Environmental Safety and Health
GFE	Government Furnished Equipment
GFP	Government Furnished Property
IFC	Issue for Construction
IFR	Issue for Review
LAO	Los Alamos Operations at Los Alamos, NM
LO	Livermore Operations at Livermore, CA
M&O	Maintenance and Operation
NFO	Nevada Field Office
NLV	North Las Vegas Facility
NNSA	National Nuclear Security Administration
NNSS	Nevada National Security Site
PULSE	Primary Underground Laboratory Subcritical Experimentation.
RCM	Radiological Control Manual
RGD	Radiation-Generating Devices
RPP	Radiation Protection Program
RSLA	Remote Sensing Lab at Andrews AFB, Maryland
RSLN	Remote Sensing Lab at Nellis AFB, North Las Vegas, NV
RWP	Radiological Work Permit
SME	Subject Matter Expert
SSSP	Site-Specific Safety Plan
STL	Special Technologies Lab at Santa Barbara, CA
STR	Subcontract Technical Representative

B-1 SCOPE AND BACKGROUND

1. Background

The Nevada National Security Site (NNSS) is a U.S. Department of Energy, National Nuclear Security Administration (NNSA) installation, operated by Mission Support and Test Services, LLC (MSTS or CONTRACTOR), comprising 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 MSTS also operates the North Las Vegas Facility (NLV); the Remote Sensing Lab at Nellis AFB, North Las Vegas, NV (RSLN); the Remote Sensing Lab at Andrews AFB, Maryland (RSLA); Special Technologies Lab at Santa Barbara, CA (STL); Livermore Operations at Livermore, CA (LO); and Los Alamos Operations at Los Alamos, NM (LAO).

MSTS's Building Program is currently planning for an increase in modernization in the form of new building projects that will be performed under an accelerated schedule.

PROJECT BACKGROUND—This project includes the design and construction efforts for the New Mercury Essential Services Complex which consists of:

New Mercury Essential Services Complex Collaboration Center Facility Building No. 5 [23-464]

New Mercury Essential Services Complex Cafeteria Facility Building No. 6 [23-465]

New Mercury Essential Services Complex Administrative Support and Storage Facility Building No. 7 [23-466]

2. Objective

MSTS requires Architect/Engineer (A/E) professional design services to provide Civil Design for the New Essential Services Complex in preparation for future construction of Buildings 23-464, 23-465, and 23-466.

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.

All work shall be performed in accordance with Appendix B, New Mercury Essential Services Complex Design Build Technical Requirements Document No TRD-220-000 of the Master Agreement.

The design phases shall be planned and executed as follows:

- Preliminary Design (10%)
- Schematic Design (30%)
- Design Development (60%)
- Construction Documents
- Issue for Review (IFR), 90%
- Issue for Construction (IFC), 100%

Provide Civil Drawings as follows:

- Existing condition and demolition plan (if applicable)

- Grading plans and site profiles
- Utility plans and profiles, domestic water and sewer points of connection, inverts coordinated with plumbing, storm drainage, power and communications
- Site improvement plans inclusive of the adjacent parking lot
- Traffic/fire truck access plans
- Relevant typical and project specific details

3.1. Task(s)

Tasks shall be performed in accordance with Appendix B, New Mercury Essential Services Complex Design Build Technical Requirements Document No TRD-220-000 of the Master Agreement (Reference Section 5.4.1 Civil for all sections below which reference the “NF” numbering convention).

Existing conditions:

(NF-379) The CONTRACTOR will provide available documentation for existing conditions of the site to the SUBCONTRACTOR. The SUBCONTRACTOR shall review the available information and inform the CONTRACTOR if additional studies or reports are required to inform the design or conduct relevant project analysis. Refer to attachments in TRD-220-000 for available site utilities information. The SUBCONTRACTOR shall provide a compaction test.

(NF-380) In the event potential archeological items are unearthed or discovered during construction, work in the area must stop. The CONTRACTOR will make a determination if work can continue. Wildlife survey is conducted by the CONTRACTOR’S Environmental, Safety, Health, and Quality.

Earthwork

(NF-381) Guided by requirements in the Code of Record (COR), suitable materials and methods of placing and compacting backfill for buildings, loading areas, utility trenches, and the general site within the construction documents are to be specified. Retaining walls, if necessary, shall be designed to permanently resist soil and water pressure as well as live loads.

(NF-382) Above grade elements, fixtures, and equipment will be provided that prevent attraction and adherence of dust and air-borne dirt and soot and minimize appearance of settled dust and dirt.

(NF-383) Finished surfaces shall be smooth and uniform in appearance, without depressions that collect water. The construction shall not leave soil surfaces exposed in finished work; the construction shall minimize the amount of time soil surfaces are left exposed. Any temporary measures shall be replaced with permanent measures unless made unnecessary by constructed site elements, final topography, or permanent vegetation.

(NF-384) Under substructure, paving, and site structural elements, maintain natural bearing capacity or achieve or correct compaction as required to prevent uncontrolled subsidence or other movement.

(NF-385) The construction shall include measures to minimize soil erosion. If erosion occurs during construction and within one (1) year after completion, relocation, or replacement of eroded soil and repair of eroded areas shall be performed by the SUBCONTRACTOR at no cost to the CONTRACTOR. Such repair shall occur within one (1) week after notification by the CONTRACTOR. Storm water runoff shall be controlled as required to prevent damage to project elements, including vegetation, and to prevent damage to neighboring sites, including vegetation. Sediment barriers and traps shall be constructed wherever run-off shall leave the property and wherever significant

erosion shall occur on the property. Continuous slopes are to be limited to a maximum of 30 feet (10 meters) measured vertically unless intermediate terraces with drainage swales are provided.

Grading

(NF-386) Site grades and soils shall be designed for construction of buildings, exterior improvements and utilities. The SUBCONTRACTOR is responsible for designing a grading plan, building and site drainage, ensuring the drainage connects to the overall campus' drainage. Grades are to be established such that site drainage is away from all structural foundations, above ground utility features, and open utility excavations. Roof runoff is to be diverted away from exterior door openings and walkways.

(NF-387) Principal finished site earthwork element that shall be required is the building pad. The finish floor elevation will be minimum of three (3) inches above the adjacent street at building frontage or as required to achieve at least a six (6) inch drop in first ten (10) feet away from the structure. SUBCONTRACTOR shall determine the minimum design flood elevation based on base flood elevation in accordance with COR.

(NF-388) Site grading to be planned in a way that causes the least disturbance to the natural terrain. For excavation and fill, recommendations will be followed within the project's Geotechnical Investigation. The Geotechnical Investigation Report will be provided by CONTRACTOR. The topsoil is to be scalped and stockpiled within the limits of disturbance for use in landscaping and re-vegetation operations upon completion of construction. Excess topsoil shall be hauled offsite to a location approved by government personnel, as identified by CONTRACTOR.

Site and Building Exterior Component Requirements (Reference TRD-220-000 Section 3.2)

1. Site preparation - grading and retaining as required, building pads. SUBCONTRACTOR to review site grading and provide optimal solutions for new complex grading and retaining as required.
2. Provide building and site drainage, ensuring the drainage connects to the overall site area drainage including storm drains.
3. Provide the building pad, as well as the pad for outdoor electrical and mechanical equipment. Screened equipment enclosure area should be located with logic similar to adjacent buildings on site and with ease of access for maintenance in mind.
4. Provide egress sidewalks, railings as required and egress site lighting. The sidewalks are to tie into the existing adjacent pathways on site. Sidewalks shall connect to the Essential Services Complex entrance plaza. Depending on the final civil study of the terrain and design, design and construct any necessary level changing components such as stairs and ramps.
5. Provide an entrance exterior plaza with a covered seating area adjacent to the Collaboration Center [23-464] and Mercury Cafeteria [23-465]. Depending on the final civil study of the terrain and design, design and construct any necessary level changing components such as stairs and ramps.
6. Provide a loading dock for the cafeteria building and receiving/staging area for the warehouse/storage building. The loading dock shall be elevated from ground level and equipped with dock levelers.
7. Provide space for a semi truck delivery and exit. A screen or a wall should be provided to obscure the view from Teapot street to the loading dock or the loading dock should be planned in a way that is out of sight when viewed from Teapot street.
8. Provide a logical and direct access from the parking lot on Buster street to the Cafeteria complex promenade.
9. Plan a location for the existing exterior ice container with convenient access and exit for smaller vehicles picking up ice. Ice container can be potentially

3.2. Sequencing

Task Order 2 may begin in conjunction with Task Order 1. However, Task Order 2 cannot be completed until Task Order 1 is complete. Task Order 2 shall be completed before Task Order 3 or any subsequent Task Orders can start.

3.3. Required Points of Contact or Key Personnel Qualifications

The requirements of Section 3.3, Required Points of Contact or Key Personnel Qualifications of the Master Agreement Statement of Work shall apply to this Task Order.

3.4. 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.

If, after award, the SUBCONTRACTOR proposes to use any new LOWER-TIER SUBCONTRACTORS not listed in initial subcontract, the SUBCONTRACTOR shall notify the MSTS's Procurement Specialist at least 10 business days before the proposed start date of the new LOWER-TIER SUBCONTRACTOR. The SUBCONTRACTOR will submit any required LOWER-TIER SUBCONTRACTOR'S, forms and documentation including "Safety and Health History" for CONTRACTOR review and acceptance. LOWER-TIER SUBCONTRACTORS shall not perform any work prior to the CONTRACTOR'S approval in writing provided by the Procurement Specialist.

3.5. Acceptance Criteria

In addition to the acceptance criteria as stated in Article 3.5, Acceptance Criteria of Section 3, Description of Work of the Master Agreement Statement of Work, the SUBCONTRACTOR shall meet the following requirements:

- The SUBCONTRACTOR shall complete work in accordance with Appendix B, New Mercury Essential Services Complex Design Build Technical Requirements Document No. TRD-220-000 of the Master Agreement. Acceptance shall be determined via compliance with TRD-220-000, this Task Order, and the Master Agreement.
- The SUBCONTRACTOR shall ensure qualified personnel, including each respective engineering discipline, is assigned to perform the work, oversee Task Order performance, and assure the quality meets CONTRACTOR expectations.
- SUBCONTRACTOR shall ensure timely completion of Submittals as required by Appendix A, Submittal Register. All submittals provided under this Task Order shall be certified by a Nevada licensed Professional Engineer (when required) accurate, legible, and reproducible. Before delivery, the SUBCONTRACTOR shall review its work products for technical adequacy, completeness, and appropriate content. All submittals and formal documents provided to the CONTRACTOR must be accompanied by required transmittal documentation.

3.6. Site Coordination Requirements

Subcontractor shall comply with the requirements as stated in Section 3.6 of the Master Agreement Statement of Work.

3.7. Site Conditions and Known Hazards (Facility Specific)

Site facility specific conditions/requirements and known hazards are as incorporated in this SOW.

3.7.1. Asbestos	
<input checked="" type="checkbox"/>	It is NOT expected.
<input type="checkbox"/>	<p>It IS expected that asbestos-bearing materials will be encountered during the performance of this work.</p> <ul style="list-style-type: none"> 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.
3.7.2. Silica	
<input checked="" type="checkbox"/>	It is NOT expected.
<input type="checkbox"/>	<p>It IS expected that silica-bearing materials will be encountered during the performance of this work and all activities that may potentially generate respirable silica.</p> <ul style="list-style-type: none"> 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. <p><i>NOTE: The CONTRACTOR's RCS Occupational Exposure Limit is 25 ug/m³ as opposed to OSHA PEL of 50 ug/m³.</i></p>
3.7.3. Toxic Metals (Lead, Cadmium, Mercury)	
<input checked="" type="checkbox"/>	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.
<input type="checkbox"/>	<p>It IS expected.</p> <ul style="list-style-type: none"> a. 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. b. 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.
3.7.4. Hoisting and Rigging	
<input checked="" type="checkbox"/>	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.
<input type="checkbox"/>	<p>It IS anticipated that Hoisting and Rigging will occur during performance of this work.</p> <ul style="list-style-type: none"> 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 ES&H program.

	<p>c. The SUBCONTRACTOR shall designate a qualified supervisor to determine the methods and develop plans for rigging operations to ensure safe lifts.</p> <p>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.</p> <p>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.</p> <p>f. Lift Plan requirements</p> <p>i) 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:</p> <ul style="list-style-type: none"> • 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 <p>ii) The SUBCONTRACTOR shall designate a qualified supervisor to determine the methods and develop plans for rigging operations to ensure safe lifts.</p> <p>iii) The SUBCONTRACTOR is required to meet DOE Standard DOE-STD-1090-2020, "Hoisting and Rigging" for lift classification and lift plan requirements.</p>
3.7.5. Radiological Contamination	
<input checked="" type="checkbox"/>	It is NOT expected.
<input type="checkbox"/>	<p>It IS anticipated that work may be performed in radiological areas.</p> <p>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).</p> <ul style="list-style-type: none"> • 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 <p>b. The SUBCONTRACTOR shall abide by the CONTRACTOR'S radiological postings.</p> <p>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.</p> <p>d. The SUBCONTRACTOR shall comply with all RWPs approved by the CONTRACTOR controlling the work performed by the SUBCONTRACTOR.</p> <p>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.</p> <p>f. All SUBCONTRACTOR-owned/rented equipment and vehicles brought onto NNSA/NFO property are subject to radiological survey at any time during the contract period.</p> <ul style="list-style-type: none"> • All SUBCONTRACTOR-owned/rented 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 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 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 returns the dosimeters to the CONTRACTOR.
 - i. When required, the SUBCONTRACTOR shall ensure radiobioassay 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.

	<p>(4) The SUBCONTRACTOR shall provide or make arrangements for transportation of radioactive source/radioactive materials in compliance with Department of Transportation regulations.</p> <p>(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.</p>
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B-2 TECHNICAL SPECIFICATIONS

SUBONCTRACTOR shall comply with the requirements of Appendix B, New Mercury Essential Services Complex Design Build Technical Requirements Document No TRD-220-000 of the Master Agreement

SPEC NUMBER	TITLE	REV	PAGES
TRD-220-000	New Mercury Essential Services Complex Design Build Technical Requirements Document	0	285

B-3 DRAWINGS

CONTRACTOR may provide drawings to SUBCONTRACTOR upon request depending on DCRO determination and ability to release.

DRAWING NUMBER	TITLE	REV	PAGES
TBD	TBD		

B-4 PLACE OF PERFORMANCE

1. Delivery Location

There should be no physical deliveries required for this specific task order.

2. Work Location:

Work will be performed Nevada National Security Site - Area 23, Future Buildings 23-464, 23-465, & 23-466 Mercury, NV 89023 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.

3. Site Access and Work Hours

The standard work week for this SUBCONTRACT will be Monday – Thursday 6 am – 4:30 pm with one-half hour designated for unpaid period for lunch.

Access must be coordinated 14 days in advance with the MSTS Project Manager and/or STR.

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

4. Badging

Badging requirements are as defined in Article 4, Badging of Section B-4, Place of Performance of the Master Statement of Work. .

B-5 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.
- ☒ N/A

B-6 SPECIAL REQUIREMENTS

1. MSTS Provided Training

The SUBCONTRACTOR and its personnel shall complete the required training as defined in Article 2, MSTS Provided Training of Section B-6, Special requirements of the Master Statement of Work.

2. Government Assets

3.1. Use of Government Vehicles

<input checked="" type="checkbox"/>	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.
<input type="checkbox"/>	One or more SUBCONTRACTOR employees will have access to Government-furnished vehicles while performing this SOW.

3.2. Government Property

<input checked="" type="checkbox"/>	Government Property NOT anticipated to be furnished to or acquired by the SUBCONTRACTOR under this SOW.
<input type="checkbox"/>	Pursuant to Federal Acquisition Regulation (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.

3. Permits

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

4. Quality Assurance (QA)

The work as described has been identified to be.	
<input type="checkbox"/>	<p>SAFETY CLASS/SAFETY SIGNIFICANT SERVICES AND/OR COMMODITIES (NUCLEAR/RADIOLOGICAL)</p> <p>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:</p> <p>The SUBCONTRACTOR shall implement and maintain a Quality Assurance (QA) program in accordance with at least one the following quality assurance criteria and requirements:</p> <ul style="list-style-type: none"> • 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 <p>In addition, the subcontractor shall be responsible for:</p> <p>Price Anderson Amendments Act (PAAA)</p> <p>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.</p> <p>SUSPECT/COUNTERFEIT ITEMS</p> <p>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.</p>
<input checked="" type="checkbox"/>	<p><u>GENERAL SERVICES AND/OR COMMODITIES</u></p> <p>This PO is for items or services that support the mission(s) of the Nevada National Security Site, therefore:</p> <p>SUSPECT/COUNTERFEIT ITEMS REQUIREMENTS:</p> <p>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.</p> <p>These requirements shall be flowed down to all levels of subcontractors as it pertains to this procurement activity.</p>

B-7 ENVIRONMENTALLY PREFERABLE PRODUCTS

Requirements under this Task Order are defined in Section B-7, Environmentally Preferred Product of the Master Statement of Work.

B-8 MEETINGS

After subcontract 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.

The SUBCONTRACTOR shall 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.

Subsequent Task Order Releases may specify additional meeting requirements as needed.

FREQUENCY	DURATION	TITLE	DESCRIPTION / PURPOSE
Once	1 Hour	Initial Design Meeting	Reference TRD-220-000 2.1.3.3
10% / 30% / 60% /	1 Hour	Design milestone Meetings	Reference TRD-220-000 Section 2.1.3.4
Bi-Weekly	1 Hour	Design Progress Reviews	Reference TRD-220-000 Section 2.1.3.5

B-9 SUBMITTALS

Appendix See B-10 , *Submittal Register*, identifies deliverables due during the execution of this subcontract and the recipient.

B-10 APPENDIX

The SUBCONTRACTOR shall be responsible for completion of specific design milestones in accordance with Appendix A, Submittal Register.

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

APPENDIX A SUBMITTAL REGISTER					
Section A: Purchase Order/Subcontract Information					
Subcontractor Name:		<i>insert subcontractor name or TBD during RFP activities</i>	Project SOW	<i>Civil Design New Mercury Essential Services Complex A-E, and Construction Services</i>	
Purchase Order and Release Number:		<i>Subcontract release number</i>	Requisition Number:	<i>0019964</i>	
Section B: Submittal Delivery Requirement					
Submittals shall be electronically, unless otherwise noted, to: <i>Procurement Specialist; Amy Justice; JUSTICAL@nv.doe.gov and Subcontract Technical Representative; Not Disclosed</i>					
Section C: Submittal Requirement Details					
NO.	TITLE	REFERENCE	DUE DATE / FREQUENCY	REVIEWED BY	COMMENTS
001.	Task Order Release Schedule	<i>TRD-220-000</i>	No later than 10 calendar days from date of award, update <i>insert SOW required frequency</i>	Procurement Specialist STR	Prior to the start of work Provide weekly schedule updates
002.	Service Contract Reporting Requirements	<i>Annually by October 15</i>		Procurement Specialist STR	As specified in special condition titled, "Service Contract Reporting Requirements" of the Master Agreement
003.	Design Meeting Minutes	<i>Section 3.1</i>	<i>Four (4) business days after meeting</i>	Procurement Specialist STR	
004.	10% Preliminary Design	<i>Section 3</i>	As stated in CONTRACTOR approved Task Order Schedule	Procurement Specialist STR	
005.	30% Schematic Design	<i>Section 3</i>	As stated in CONTRACTOR approved Task Order Schedule	Procurement Specialist STR	
006.	60% Design Development	<i>Section 3</i>	As stated in CONTRACTOR approved Task Order Schedule	Procurement Specialist STR	
007.	Construction Documents	<i>Section 3</i>	As stated in CONTRACTOR approved Task Order Schedule	Procurement Specialist STR	

APPENDIX A SUBMITTAL REGISTER

Section A: Purchase Order/Subcontract Information

Subcontractor Name:	<i>insert subcontractor name or TBD during RFP activities</i>	Project SOW	<i>Civil Design New Mercury Essential Services Complex A-E, and Construction Services</i>
Purchase Order and Release Number:	<i>Subcontract release number</i>	Requisition Number:	<i>0019964</i>

Section B: Submittal Delivery Requirement

Submittals shall be electronically, unless otherwise noted, to: *Procurement Specialist; Amy Justice; JUSTICAL@nv.doe.gov and Subcontract Technical Representative; Not Disclosed*

Section C: Submittal Requirement Details

NO.	TITLE	REFERENCE	DUE DATE / FREQUENCY	REVIEWED BY	COMMENTS
008.	90% Issue for Review	<i>Section 3</i>	As stated in CONTRACTOR approved Task Order Schedule	Procurement Specialist STR	
009.	100% Issue for Construction	<i>Section 3</i>	As stated in CONTRACTOR approved Task Order Schedule	Procurement Specialist STR	

*NLT = No Later Than
 NTP = Notice to Proceed
 TLO = Transmittal Letter Only*